

DUCT
VENTILATION

ROOF MOUNT
VENTILATION

UTILITY, PRESSURE
& RADIAL BLOWERS

DAMPERS
& LOUVRES

ACCESSORIES
& MOTORS

CONTROLS
& THERMOSTATS

ERV
HRV

GREENHOUSE
GROW OP

LIGHTING
& BULBS



CANARM.... PROVIDING CUSTOMERS WITH VALUE, KNOWLEDGE AND QUALITY PRODUCTS

DUCT VENTILATION

DFRC-ES SERIES Circular Duct Fans	1
VK SERIES Inline Centrifugal Fans	2
VK PS SERIES Dryer Booster Fans	3
VKM SERIES Inline Centrifugal Fans	4
CBF SERIES Commercial Bathroom Fans	5
CBFI SERIES Inline Commercial Bathroom Fans	7
CEP SERIES Ceiling Exhaust Fans	8
CEPD SERIES Ceiling Exhaust Fans	9
CEPD140-4 Ceiling Exhaust Fans	10
L SERIES Ceiling Exhausters	11
L-L SERIES Inline Ceiling Exhausters	13
L & L-L Accessories	15
BPT SERIES Bathroom Exhaust Fans	16
SCENTINEL-IDB Forward Curved Odour Control Blower Kit	17
BTA/WTA/HTA SERIES Belt Drive Tube Axial Duct Fans	18
DDA SERIES Direct Drive Tube Axial Duct Fans	19
Tube Axial Duct Fan Options & Accessories	20
JFHVA SERIES Air Make Up Jet Fans	21

ROOF MOUNT VENTILATION

ALX-UD & ALX-UD-EC SERIES	22
Upblast Direct Drive Spun Aluminum Roof Exhausters	
ALX-UB SERIES	24
Upblast Belt Drive Spun Aluminum Roof Exhausters	
ALX-DD & ALX-DD-EC SERIES	26
Downblast Direct Drive Spun Aluminum Roof Exhausters	
ALX-DB SERIES	28
Downblast Belt Drive Spun Aluminum Roof Exhausters	
RTA-SH SERIES	30
Smoke & Heat Removal Belt Drive Roof Exhausters	
RTA SERIES Belt Drive Roof Exhausters	31
RD SERIES Direct Drive Roof Exhausters	32
RB SERIES Belt Drive Roof Exhausters	33
ROOF CURBS	34

UTILITY, PRESSURE & RADIAL BLOWERS

PW SERIES Direct Drive Pressure Blower	35
KE SERIES Direct Drive Radial Blade Blower	36
D SERIES Direct Drive Forward Curved Blower	37
D500 SERIES Direct Drive Utility Blowers	38
U SERIES Portable Utility Fan & Smoke Ejector	39
PORTABLE UTILITY FAN & U Series Smoke Ejector Accessories	41
PLASTEC SERIES Polypropylene Blowers	42
JET SERIES Polypropylene Inline Fans	43
STORM SERIES Polypropylene Blowers	44

DAMPERS & LOUVRES

MODELS 3000, 3100, 3200 Backdraft Dampers	45
MODELS 3000M, 3100M, 3200M Motorized Backdraft Dampers	45
EAL-2, EAL-2F Fixed Louvres	46
EAL-4, EAL-4F Fixed Louvres	46
EAL-6, EAL-6F Fixed Louvres	47
EAL-4-0, EAL-4-0F Operating Louvres	47
SCD SERIES Steel Control Dampers Standard Construction	48
SCD-LL SERIES Steel Control Dampers Low Leakage Construction	48
SCD-LL-HD Heavy Duty Control Dampers Low Leakage Construction	49
SCD-RD SERIES Steel Round Control Dampers Standard Construction	50
SCD-RD-LL Steel Round Control Dampers Low Leakage Construction	50
TYPE A Fire Dampers Vertical & Horizontal	51
TYPE B Fire Dampers Vertical & Horizontal	51
CD-RD Round Ceiling Dampers Standard Construction	52
AD - AF Aluminum Control Dampers	52
ADI - AFI Aluminum Control Dampers	53

MOTORS

ECsmart MOTORS	54
-----------------------	----

CONTROLS & THERMOSTATS

CTS-M5160 Carbon Monoxide Detector	55
K-KONTROL SERIES Thermostats	55
TF115 SUNNE SERIES Thermostats	55
RANCO SERIES Thermostats	55
TS15 SERIES Two Speed Control	56
MC SERIES Manual Variable Speed Controls	56
FC-1VAC SERIES Variable Speed Controls	56
MTC-4C SERIES Modulating Temperature Control	56
VFD-B SERIES Variable Speed AC Motor Drives	57
VFD - LENZE SERIES Variable Frequency Multi-Function Micro Drive	57
DISCONNECT SWITCHES	57
CONTROLS & OPERATORS	58

MISC.

VKM-ANTIRADON SERIES Inline Centrifugal Metal Fan	59
TURBO TUBE TT SERIES Powerful Mixed Flow Fans	59
TURBO TUBE PRO SERIES Super High Powered Inline Fans	59
TURBO TUBE SILENT SERIES Quiet & Energy Efficient Inline Mixed Flow Fans	59
TURBO TUBE SILENT M SERIES	59
Quiet & Energy Efficient Fans in Metal Noise Absorbing Case	
VKP SERIES Inline Centrifugal Fans - Back Curved Impeller	59
VCN SERIES Outdoor Wall Mounted Centrifugal Fans	60
TWINFRESH COMFO RA1-50-2 Single Room Total Recovery Ventilator	60
VENTO EXPERT A50-1 PRO & A50 PRO	60
Single Room Heat & Energy Recovery Units	
HRV MICRA 60 Single Room Heat Recovery Ventilator	60
HRV MICRA 150 Single Room Heat Recovery Ventilator	60
FRIGATE HRV 60S/120S & ERV 60S/120S	61
Heat Recovery Ventilator, Energy Recovery Ventilator	
BRIG HRV 120/170 & 200/300 Heat Recovery Ventilator	61
BUCKET FANS	61
OV1 SERIES Axial Fans	61
LD / MA SERIES Axial Fans	61
VKOM SERIES Axial Fans	61
CANARM LIGHTING & FANS	62

CONTACTS	Back
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NOTE:

Commercial products ship from our Brockville, Ontario location and ship collect. Contact your Sales Representative for details.



IN A HURRY?

Get select blowers and axial fans fast when you're in a hurry or need an emergency replacement. Ask your Sales Representative for details.

DFRC-ES SERIES CIRCULAR DUCT FANS

High efficiency inline duct fans are ideal for residential and commercial ventilation applications such as range hoods, bath fans & dryers.



DFRC-ES Series in-line duct fans from Canarm are versatile, energy efficient and can effectively ventilate meeting rooms, bathrooms and other hard to ventilate areas. DFRC-ES fans can also be used to boost airflow in long runs of round duct.

Available in 4", 5", 6", 8", 10" and 12" diameters the DFRC-ES series features a high quality external rotor motor and a quiet, efficient backward curved impeller for effective airflow even under higher static pressures.

FEATURES

- Available in 4", 5", 6", 8", 10" and 12" diameters.
- Quiet and efficient backward curved impeller
- Powerful, efficient external rotor motor
- Speed controllable with Canarm MC series controls
- High flow against high static pressure
- Remove noise from main living area by mounting remotely
- Quick and easy installation.
- 4", 5" and 6" models sealed for use in radon mitigation systems.



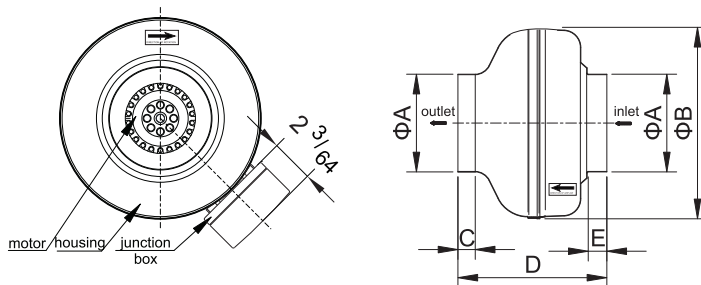
PERFORMANCE DATA

MODEL	DIAMETER	POWER RATING (V)	INPUT POWER (W)	ELECTRIC CURRENT (A)	SPEED (RPM)	SOUND LEVEL (dB)	NET WEIGHT	CFM @ STATIC PRESSURE									ENERGY EFFICIENCY (CFM/WATT)
								0.0" SP	0.2" SP	0.4" SP	0.6" SP	0.8" SP	1.0" SP	1.5" SP	2.2" SP	2.5" SP	
DFRC-4ES	4"	120	40	0.35	2912	60	7 lbs	157	135	113	89	67	29	--	--	--	3.2
DFRC-5ES	5"	120	53	0.45	2593	62	7 lbs	202	167	133	107	81	52	21	--	--	3.0
DFRC-6ES	6"	120	74	0.63	2534	61	8 lbs	273	236	198	163	131	92	47	--	--	3.1
DFRC-8ES	8"	120	128	1.19	3158	70	13 lbs	484	457	426	393	350	306	241	89	--	3.5
DFRC-10ES	10"	120	140	1.20	3028	71	13 lbs	598	556	509	460	412	359	260	87	--	3.9
DFRC-12ES	12"	120	203	1.77	2443	70	16 lbs	815	710	579	424	319	263	185	93	62	3.5

*DFRC-12ES is currently not Energy Star

DIMENSIONS

MODEL	ØA	ØB	C	D	E	IMPELLER DIAMETER
DFRC-4ES	4"	9 1/2"	5/8"	8 3/8"	5/8"	Ø6 1/8"
DFRC-5ES	5"	9 1/2"	7/8"	7 1/2"	1"	Ø6 7/8"
DFRC-6ES	6"	10 5/8"	3/4"	7 5/8"	5/8"	Ø7 1/2"
DFRC-8ES	8"	13 1/2"	1 1/8"	9"	7/8"	Ø8 5/8"
DFRC-10ES	10"	13 1/2"	1 1/8"	9"	1 1/8"	Ø9 1/2"
DFRC-12ES	12"	15 3/4"	1 1/8"	10 1/4"	1 1/8"	Ø9 7/8"



ACCESSORIES



MOUNTING CLAMPS



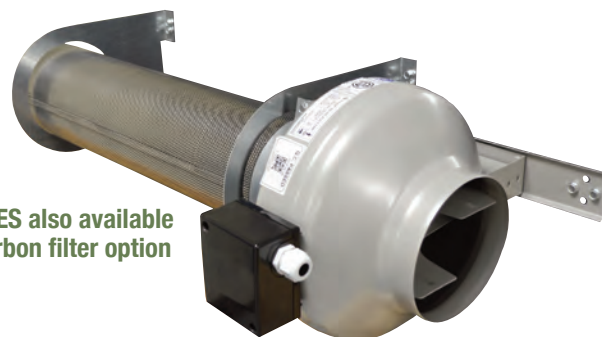
BACKDRAFT DAMPERS



EXHAUST & SUPPLY GRILL



MC CONTROLS



DFRC-6ES also available with carbon filter option



VK SERIES

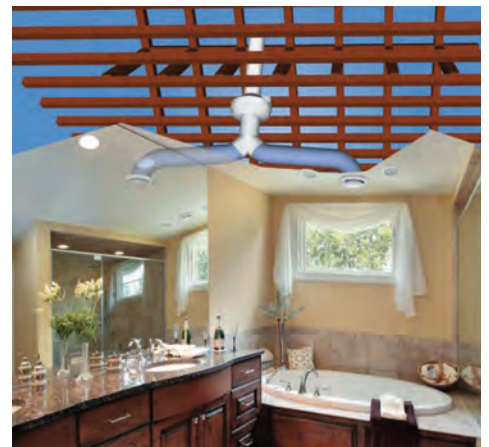
Inline Centrifugal Fans for High Static Pressure Applications

Suitable for a wide range of residential and commercial exhaust or supply air applications, such as bathroom exhaust, kitchen ventilation, restaurants, living areas, whole house ventilation, duct boosting, workshops & smoking areas or equipment cooling.

The VENTS VK Series duct mounted centrifugal inline fans assure efficient and reliable operation. The fans are fitted with backward curved centrifugal impeller driven by powerful sealed external rotor motor with lifelong bearings and thermal protection. This powerful combination enables the VENTS VK fans to deliver exceptional airflow performances even in high static pressure systems. The fans' casing is made of high quality, UV-resistant plastic (flame rating- 5VA). The VK Series is specially designed for simple installation and maintenance free operation. Fans are supplied with an easy to fit mounting bracket and can be mounted at any angle and at any point along the duct.

FEATURES

- Sizes available from 4" - 12 3/8".
- High static pressure applications.
- Backward curved centrifugal impeller.
- Quiet external rotor motor with thermal overload protection.
- Ideal for long duct runs.
- Quiet and powerful.
- Vibration free operation.
- Energy efficient.
- Maintenance free.
- Easy installation.
- Corrosion resistant.
- UV resistant, UL94 certified plastic
- Pre-wired and supplied with mounting bracket for easy installation.
- 3 year warranty.

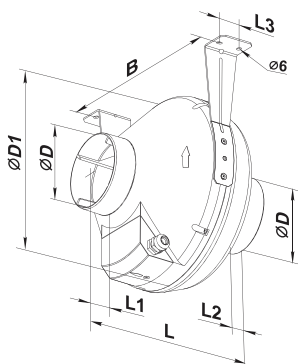


PERFORMANCE SPECIFICATIONS

MODEL	ENERGY STAR CERTIFIED	RPM*	SONES	DUCT DIA.	WATTS*	CFM VS. STATIC PRESSURE (Ps) IN WG										VOLTS
						0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"	
VK100	no	3088	8.5	4"	106	162	155	150	147	141	134	120	104	87	67	120 / 60
VK125	no	2960	7.1	5"	114	235	222	214	207	193	178	151	123	99	72	120 / 60
VK150	no	2907	7.2	6"	113	317	300	289	282	265	247	212	178	132	68	120 / 60
VK200	yes	3016	8.1	8"	140	507	481	465	455	423	395	343	287	238	189	120 / 60
VK250	no	2604	10.2	10"	293	735	699	675	658	625	558	507	432	369	307	120 / 60
VK315	yes	2641	11.5	12 3/8"	269	871	817	779	758	703	635	501	393	324	266	120 / 60

The parameters RPM, Watts are indicated at 0.2 in WG static pressure.

DIMENSIONS



MODEL	DIMENSIONS (Inches)							WEIGHT (lbs)
	ØD	ØD1	B	L	L1	L2	L3	
VK100	3 15/16"	9 13/16"	10 5/8"	9 1/16"	1 3/16"	1 1/16"	1 3/16"	4.7
VK125	4 15/16"	9 13/16"	10 5/8"	8 11/16"	1 3/16"	1 1/16"	1 3/16"	4.9
VK150	5 7/8"	11 13/16"	12 3/16"	11 1/4"	1 3/16"	1 3/16"	1 3/16"	5.7
VK200	7 7/8"	13 3/8"	13 15/16"	10 7/8"	1 3/16"	1 3/16"	1 9/16"	8.8
VK250	9 13/16"	13 3/8"	13 15/16"	10 7/16"	1 3/16"	1 3/16"	1 9/16"	9.9
VK315	12 3/8"	15 3/4"	16 5/16"	16 5/16"	1 9/16"	2 3/16"	1 9/16"	11.2

For more information on available accessories, see pages J8-J11 in Accessories & Motors section.

VK PS SERIES

Dryer Booster Fans



Designed to solve dryer vent problems where more airflow is needed.

The VENTS VK PS dryer booster fans assure efficient and reliable operation. The pre-installed pressure switch allows the VK PS fan to run when it senses the dryer on. The controller cycles the fan until the dryer has stopped. The fans are fitted with backward curved centrifugal impeller, which prevents lint from getting stuck in the fan. The fans are driven by powerful sealed external rotor motor with lifelong bearings and thermal protection. This powerful combination enables the VK PS to deliver exceptional airflow performance even in long duct runs. The fans' casing is made of high quality, UV-resistant plastic (UL94 certified plastic). The fans are specially designed for simple installation and years of maintenance free operation.

FEATURES

- Pressure switch for fan activation and mounting bracket included as shown in above picture.
- Sizes available from 4" - 6".
- High static pressure applications.
- Backward curved centrifugal impeller.
- Quiet external rotor motor with thermal overload protection.
- Ideal for long duct runs.
- Quiet and powerful.
- Vibration free operation.
- Energy efficient.
- Maintenance free.
- Easy installation.
- Corrosion resistant.
- UV resistant, UL94 certified plastic.
- Pre-wired and supplied with mounting bracket for easy installation.
- 3 year warranty.



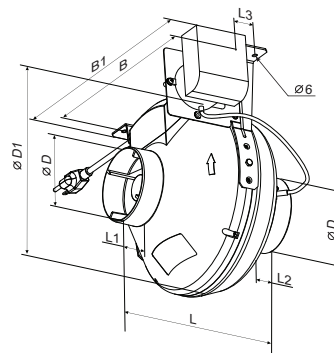
PERFORMANCE SPECIFICATIONS

MODEL	RPM*	SONES	DUCT DIA.	WATTS*	CFM VS. STATIC PRESSURE (Ps) IN WG											VOLTS / Hz
					0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"		
VK100 PS	3088	8.5	4"	106	162	155	150	147	141	134	120	104	87	67	120 / 60	
VK125 PS	2960	7.1	5"	114	235	222	214	207	193	178	151	123	99	72	120 / 60	
VK150 PS	2907	7.2	6"	113	317	300	289	282	265	247	212	178	132	68	120 / 60	

* The parameters RPM, Watts are indicated at 0.2 in WG static pressure.

DIMENSIONS

MODEL	DIMENSIONS (Inches)								WEIGHT (lbs)
	ØD	ØD1	B	B1	L	L1	L2	L3	
VK100 PS	3 15/16"	9 13/16"	10 5/8"	13 3/8"	9 1/16"	1 3/16"	1 1/16"	1 3/16"	4.7
VK125 PS	4 15/16"	9 13/16"	10 5/8"	13 3/8"	8 11/16"	1 3/16"	1 1/16"	1 3/16"	4.9
VK150 PS	5 7/8"	11 13/16"	12 3/16"	13 3/8"	11 1/4"	1 3/16"	1 3/16"	1 3/16"	5.7



ACCESSORIES

- Lint Trap (LT-250-45)

For more information on available accessories, see pages J8-J11 in Accessories & Motors section.

VKM SERIES

Inline Centrifugal Metal Fan



For high static pressure applications - ideal for bathroom exhaust, kitchen ventilation, living areas, whole house ventilation, duct boosting, workshops & smoking areas, offices, bars & restaurants and warehouses.

VENTS VKM series inline centrifugal duct fans are designed for residential and commercial ventilation applications. In-line configuration simplifies installation and offer maintenance free operation.

All VKM models are designed for standard diameter round ducting and range from 4" to 12" in size with airflows ranging up to 985 CFM. The fan's housing is made of steel with polymer coating. The quiet and efficient backward curved impeller is capable of operating in high-pressure systems.

The VKM series can eliminate many ventilation problems as they are designed to boost airflow through long or complex duct runs. The most common uses are bathroom exhaust, range hood exhaust and duct boosting.

FEATURES

- High air volume and static pressure applications.
- Quiet & efficient, vibration free operation.
- Durable and corrosion resistant casing.
- Reliable external rotor motor design.
- Permanently lubricated ball bearing motor for maintenance free operation.
- Automatic reset thermal overload protection.
- Pre-wired and supplied with mounting bracket for easy installation.
- Rated for continuous operation.
- Strong construction for long life.
- Three year warranty.



Conforms to UL Std. UL705
Certified to CSA Std. CSA 22.2#113

PERFORMANCE SPECIFICATIONS

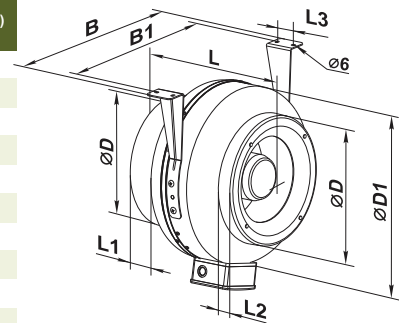
MODEL	RPM*	SONES	WATTS*	AMPS*	DUCT DIA.	CFM VS. STATIC PRESSURE (Ps) IN WG											VOLTS
						0"	.125"	0.2"	.25"	.375"	0.5"	.75"	1"	1.25	1.5	2.5"	
VKM100	3000	6.91	108	0.90	4"	174	167	162	159	151	142	124	106	84	60	-	120
VKM125	2950	6.8	112	0.97	5"	239	228	222	217	205	192	165	130	102	72	-	120
VKM150	2400	6.6	110	0.90	6"	325	292	275	265	241	214	172	139	107	67	-	120
VKM200	2520	7.6	195	1.63	8"	541	502	480	464	428	391	320	265	222	183	36	120
VKMS200	2745	8.3	240	2.14	8"	657	640	632	625	608	590	550	498	434	370	112	120
VKM250	2516	8.2	232	1.95	10"	678	638	613	599	550	479	408	340	292	248	90	120
VKM305	2981	8.35	244	2.10	12"	784	756	738	727	698	669	611	542	480	428	168	120
VKMS305	2320	8.42	272	2.42	12"	985	920	890	869	818	773	680	594	512	441	210	120
VKM355 Q**	2250	7.3	297	1.3	14"	1300	1259	1236	1177	1118	1059	941	618	235	-	-	230
VKM400**	1585	7.5	673	3.05	15.75"	1765	1706	1618	1545	1510	1471	1294	1088	882	588	-	230
VKM450**	1560	7.4	1250	5.4	17.75"	3096	3110	2972	2942	2897	2795	2589	2295	1765	1236	-	230

* The parameters RPM, Watts, Amps are indicated at 0.2 in WG static pressure.

** Special order - please call factory

DIMENSIONS

MODEL	DIMENSIONS (Inches)								Weight (lbs)
	ØD	ØD1	B	B1	L	L1	L2	L3	
VKM100	3 15/16"	10"	11 3/4"	10 3/16"	8 1/16"	13/16"	1"	1 3/16"	9.7
VKM125	4 15/16"	10"	11 3/4"	10 3/16"	8 1/16"	13/16"	1"	1 3/16"	9.5
VKM150	5 7/8"	11 15/16"	13 3/4"	12 3/16"	8 11/16"	1"	1"	1 3/16"	11.9
VKM200	7 7/8"	13 9/16"	15 3/8"	13 3/4"	9 7/8"	1"	1 1/8"	1 9/16"	14.6
VKMS200	7 7/8"	13 9/16"	15 3/8"	13 3/4"	9 7/8"	1"	1 1/8"	1 9/16"	14.6
VKM250	9 13/16"	13 9/16"	15 3/8"	13 3/4"	9 3/16"	1"	1 1/4"	1 9/16"	16.1
VKM305	12"	15 7/8"	17 3/4"	16 5/16"	10 1/4"	15/16"	1 3/16"	1 9/16"	17.6
VKMS305	12"	15 7/8"	17 3/4"	16 5/16"	10 1/4"	15/16"	1 3/16"	1 9/16"	17.6
VKM355 Q	14"	18 1/8"	20 1/2"	20 1/2"	19 15/16"	2 3/8"	2 3/8"	2 3/4"	41.5
VKM400	15 3/4"	22 7/16"	26 1/8"	25"	22 7/16"	2 3/8"	2 3/8"	2 3/4"	55.2
VKM450	17 3/4"	23 15/16"	27 9/16"	26 3/8"	25 3/8"	2 3/8"	2 3/8"	3 1/8"	60



ACCESSORIES

For more information on available accessories, see pages J8-J11 in Accessories & Motors section.

CBF SERIES

Commercial Bathroom Fan

Ideal for offices, conference rooms, public restrooms and more.

FEATURES

- Available in 4 sizes with CFM's ranging from 60 to 1500 CFM.
- EC motor with forward curved wheel.
- Built in speed control.
- Low profile, quiet and energy efficient, ceiling exhauster.
- CBF150/CBF300 come with Standard Poly Grill.
- CBF700/CBF1500 come with Standard Metal Grill.



CBF300

PERFORMANCE SPECIFICATIONS

MODEL	CFM									Sones @ 1/8" SP	Watts	Amps
	0	0.05	0.1	0.125	0.25	0.375	0.5	0.75	1			
CBF150	185	175	163	157	130	90	60	-	-	1.5	14	0.22
CBF300	330	325	320	308	300	280	260	220	180	2.9	47	0.67
CBF700	720	710	700	701	625	590	500	400	253	4.7	140	1.7
CBF1500	1656	1621	1592	1559	1444	1280	1058	170	-	8.4	372	4.9

EC motor with 0 to 10V speed control to adjust RPM to achieve desired performance.

CBF150 1.5 sones @ nominal 1/8" static and 10V

SPEED CONTROL VOLTS	CFM						
	0	0.125	0.25	0.375	0.5	0.75	1
10	185	157	130	90	60	-	-
7.5	171	145	120	84	56	-	-
5	157	133	110	77	51	-	-
2.5	128	109	90	63	41	-	-

CBF300 2.9 sones @ nominal 1/8" static and 10V

SPEED CONTROL VOLTS	CFM						
	0	0.125	0.25	0.375	0.5	0.75	1
10	330	308	300	280	260	220	180
7.5	277	260	252	235	218	185	151
5	223	210	203	190	176	149	122
2.5	179	169	163	153	142	120	98

CBF700 4.7 sones @ nominal 1/8" static and 10V

SPEED CONTROL VOLTS	CFM						
	0	0.125	0.25	0.375	0.5	0.75	1
10	720	701	625	590	500	400	253
7.5	652	632	566	534	453	362	296
5	601	583	522	493	418	334	273
3.25	551	534	478	451	383	306	250
2.5	493	478	428	404	343	274	224
1.75	435	422	378	357	302	242	198

CBF1500 8.4 sones @ nominal 1/8" static and 10V

SPEED CONTROL VOLTS	CFM						
	0	0.125	0.25	0.375	0.5	0.75	1
10	1656	1559	1444	1280	1058	170	-
7.5	1325	1204	1005	572	70	-	-
5	1082	901	469	-	-	-	-



CBF150



CBF700



CBF1500

CBF SERIES

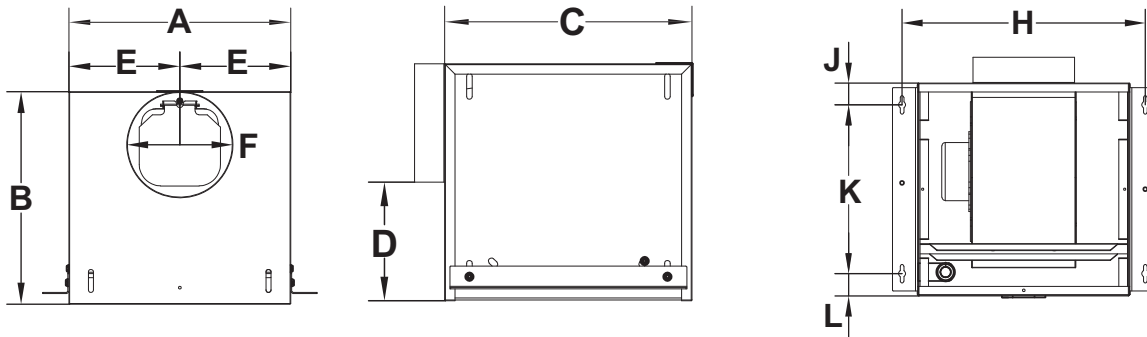
Commercial Bathroom Fan

Ideal for offices, conference rooms, public restrooms and more.

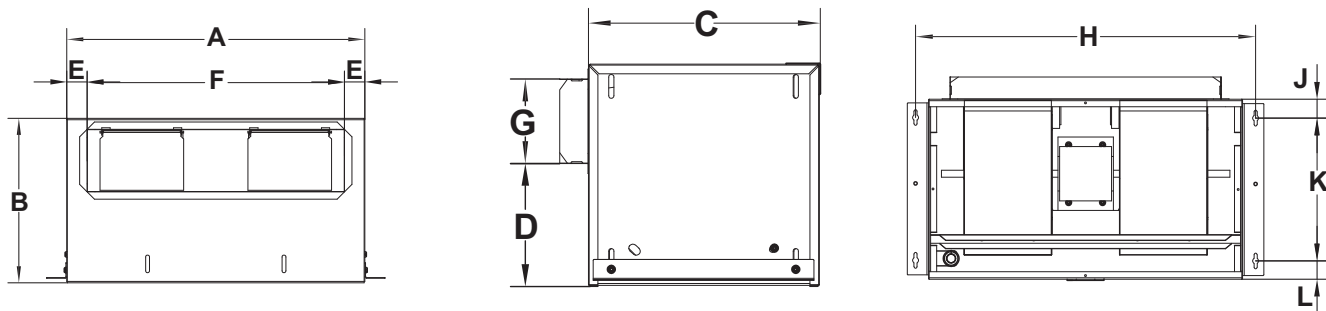
DIMENSIONS

MODEL	HOUSING			OVERALL		OUTLET		MOUNTING			
	A	B	C	D	E	F	G	H	J	K	L
CBF150	12 1/4"	11 3/4"	12 1/4"	5 7/8"	6 1/8"	5 7/8" dia.	-	14 1/16"	1 1/4"	9 3/4"	1 5/16"
CBF300	12 1/4"	11 3/4"	12 1/4"	3 7/8"	6 1/8"	7 7/8" dia.	-	14 1/16"	1 1/4"	9 3/4"	1 5/16"
CBF700	21 1/2"	11 13/16"	12 1/4"	6 9/16"	1 7/16"	18 1/2"	4 1/2"	23 1/4"	1 5/16"	9 3/4"	1 1/4"
CBF1500	22"	18"	18 1/16"	8 1/2"	3"	16"	8"	23 3/8"	4 1/8"	10"	3 15/16"

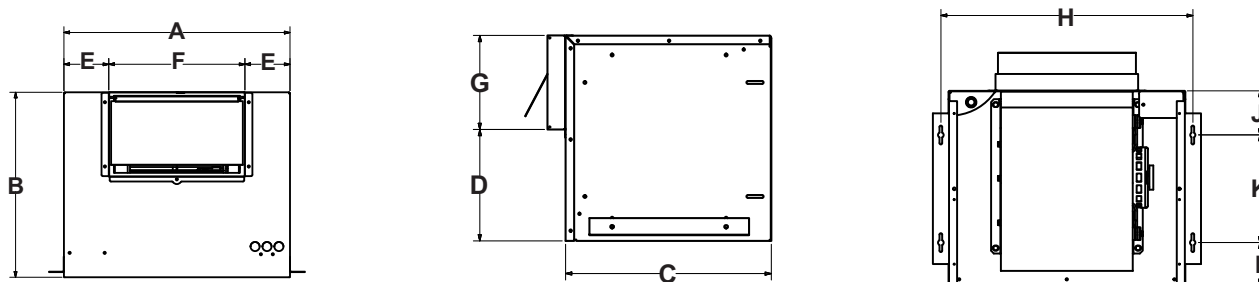
CBF150 & CBF300

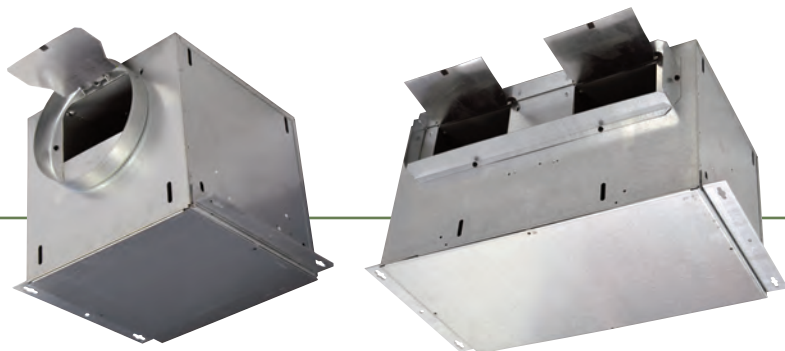


CBF700



CBF1500





CBF1150/CBF300
INLINE VENTILATORS

CBF700
INLINE VENTILATORS



CBFI SERIES

Inline Commercial Bathroom Fan

Ideal for offices, conference rooms, public restrooms and more.

FEATURES

- Available in 4 sizes with CFM's ranging from 66 to 1200 CFM.
- EC motor with forward curved wheel.
- Built in speed control.
- Low profile, quiet and energy efficient, ceiling exhauster.

PERFORMANCE SPECIFICATIONS

MODEL	CFM							Sones @ 1/8" SP	Watts	Amps
	0	0.125	0.25	0.375	0.5	0.75	1			
CBFI150	149	130	114	93	66	-	-	1.5	14	0.22
CBFI300	306	278	262	239	219	180	140	2.9	47	0.67
CBFI700	660	634	607	574	498	380	239	4.7	218	1.7
CBFI1500	1235	1153	1068	964	718	229	-	8.4	264	4.9

EC motor with 0 to 10V speed control to adjust RPM to achieve desired performance - keep control above 0.9V otherwise motor turns off!

CBFI150 1.5 sones @ nominal 1/8" static and 10V

SPEED CONTROL VOLTS	CFM						
	0	0.125	0.25	0.375	0.5	0.75	1
10	149	130	114	94	66	-	-
7.5	145	125	110	90	62	-	-
5	140	120	105	87	60	-	-
2.5	119	94	73	32	-	-	-

CBFI300 2.9 sones @ nominal 1/8" static and 10V

SPEED CONTROL VOLTS	CFM						
	0	0.125	0.25	0.375	0.5	0.75	1
10	306	278	262	239	219	180	140
7.5	303	275	260	237	217	179	138
5	227	193	171	143	110	57	-
2.5	143	95	55	-	-	-	-

CBFI700 4.7 sones @ nominal 1/8" static and 10V

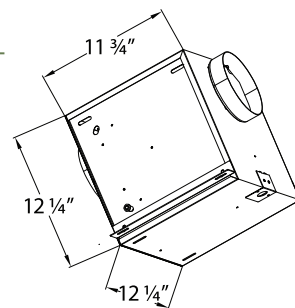
SPEED CONTROL VOLTS	CFM						
	0	0.125	0.25	0.375	0.5	0.75	1
10	660	634	607	574	498	380	239
7.5	627	602	577	545	473	361	227
5	583	560	537	507	440	336	211
3.25	531	510	489	461	400	306	192
2.5	478	459	440	415	360	275	173
1.75	430	413	396	374	324	248	156

CBFI1500 8.4 sones @ nominal 1/8" static and 10V

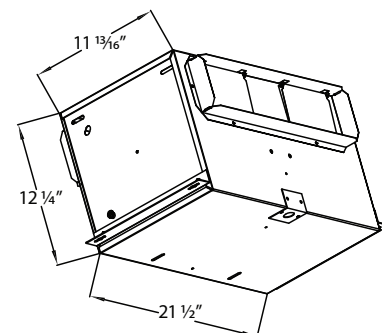
SPEED CONTROL VOLTS	CFM						
	0	0.125	0.25	0.375	0.5	0.75	1
10	1235	1153	1068	964	718	229	-
7.5	1110	1035	961	572	-	-	-
5	999	931	865	-	-	-	-

DIMENSIONS

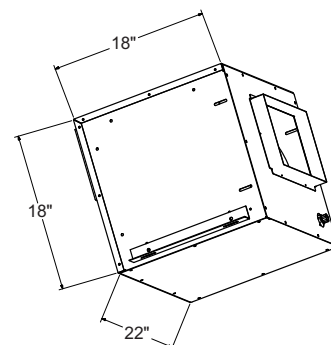
CBFI150/CBF300
INLINE VENTILATORS



CBFI700
INLINE VENTILATORS



CBFI1500
INLINE VENTILATORS



CEP SERIES

Ultra Quiet Ceiling Exhaust Fans



Canarm's CEP fans come complete with high efficiency motors meeting Energy Star requirements. The CEP fans are ultra quiet and easily customizable using plug and play accessories.

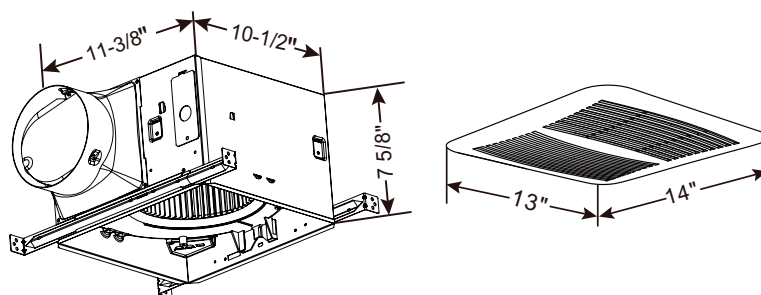
FEATURES

- Ultra quiet.
- High performance and efficiency.
- Permanently lubricated 120V motor with overload disconnect.
- 6" Poly Collar with built in backdraft damper.
- Premium low profile poly grille.
- ETL listed for tub and shower when connected to a GFCI.
- HVI and Energy Star approved.
- Plug and Play accessories.

ACCESSORIES

- Humidistat
- Speed Control - internal or remote
- Light Kit
- Ceiling Radiation Damper

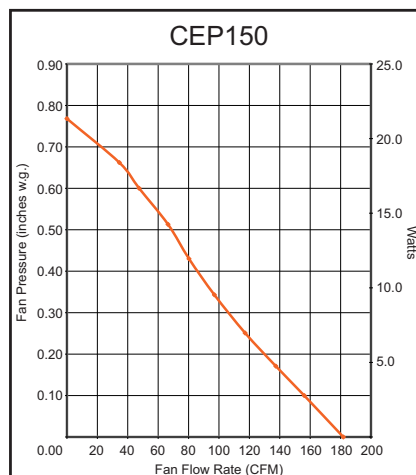
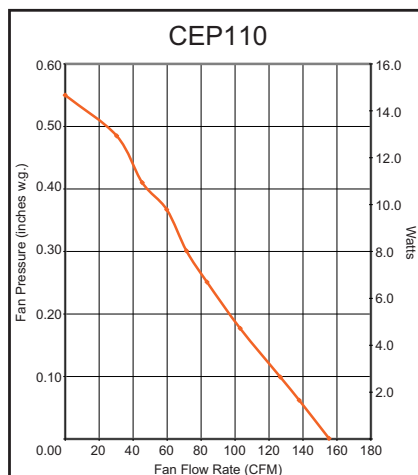
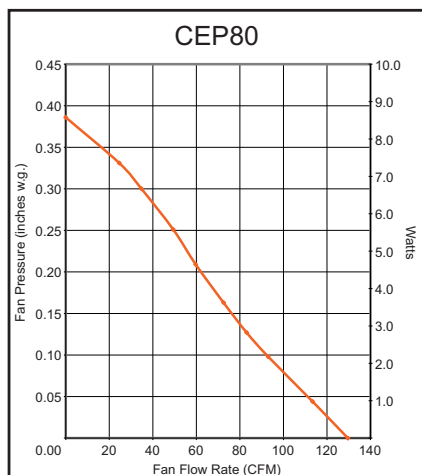
DIMENSIONS



PERFORMANCE SPECIFICATIONS

MODEL	FOR BATHROOM SIZE UP TO	STATIC PRESSURE (IN W.G.)	CFM	SONES	WATTS	POWER (V/HZ)	DUCT DIAMETER
CEP80	75 FT ²	0.1	80	0.4	22.8	120/60	6"
		0.25	69	1.1	22.5		
CEP110	105 FT ²	0.1	110	<0.3	30.8	120/60	6"
		0.25	86	1.2	30.4		
CEP150	140 FT ²	0.1	140	0.5	35	120/60	6"
		0.25	123	1.2	34.2		

FAN CURVES



CEPD SERIES

Ultra Quiet Ceiling Exhaust Fans with DC Motor



Canarm's ultra quiet CEPD fans come complete with high efficiency DC motors and are Energy Star approved. Built in speed controls are standard and allow for fine tuning CFM to your needs. Optional accessories are available such as a light kit or radiation damper, and a motion sensor and humidistat are available on special order.

FEATURES

- High performance and efficiency.
- Variable speed totally enclosed DC motor with thermal protection.
- Built in speed control.
- 6" Poly Collar with built in backdraft damper.
- Premium low profile poly grille.
- ETL listed for tub and shower when connected to a GFCI.
- HVI and Energy Star approved.

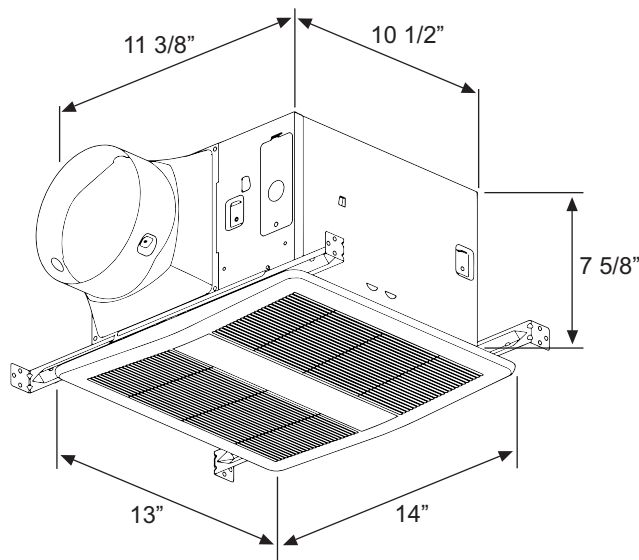
ACCESSORIES

- Light Kit
- Ceiling Radiation Damper
- Factory Options (Special Order):
 - Humidistat
 - Motion Sensor

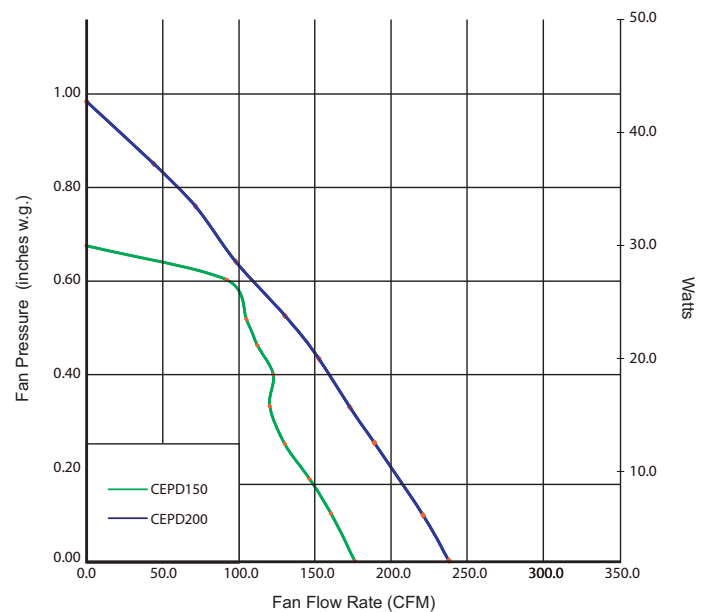
PERFORMANCE SPECIFICATIONS

MODEL	STATIC PRESSURE (IN W.G.)	CFM	SONES	WATTS	POWER (V/HZ)	DUCT DIAMETER
CEPD150	0.1	150	0.9	12	120/60	6"
	0.25	130	1.4			
CEPD200	0.1	200	2.0	24	120/60	6"
	0.25	188	2.0			

DIMENSIONS



FAN CURVES



CEPD140-4

Ultra Quiet Ceiling Exhaust Fans with DC Motor



Canarm's CEPD140-4 fan is ultra quiet and includes a DC motor for energy efficiency. Choose from 4 different CFM's using built in dip switches, and a second adjustable speed for continuous operation for whole house/building ventilation.

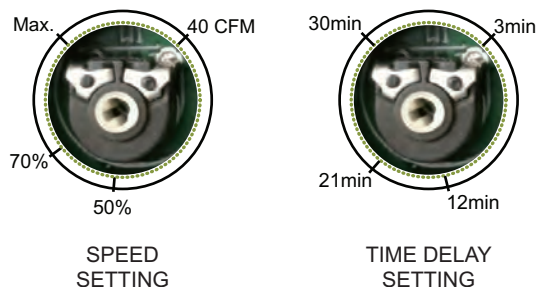
FEATURES

- Ultra quiet.
- High performance and efficiency.
- Two speed totally enclosed DC motor with thermal protection.
- Selectable 80, 90, 110, 140 CFM
- Continuous low speed operation (adjustable).
- Time delay 5-30 minutes.
- Complies with ASHRAE 62.2 whole house fan to meet minimum ventilation required by local building codes.
- 6" Poly Collar with built in backdraft damper.
- Premium low profile poly grille.
- ETL listed for tub and shower when connected to a GFCI.
- HVI and Energy Star approved.

ACCESSORIES

- Light Kit
- Ceiling Radiation Damper
- Factory Options (Special Order):
 - Humidistat
 - Motion Sensor

CONTROL CENTRE



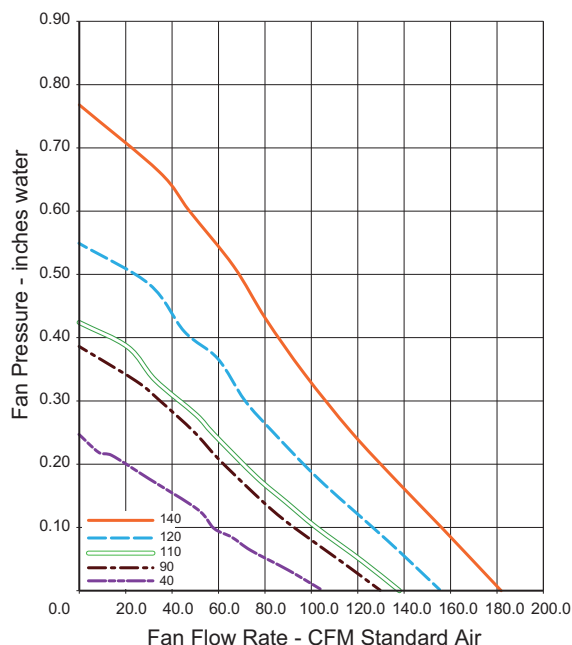
SPEED SETTING

TIME DELAY SETTING

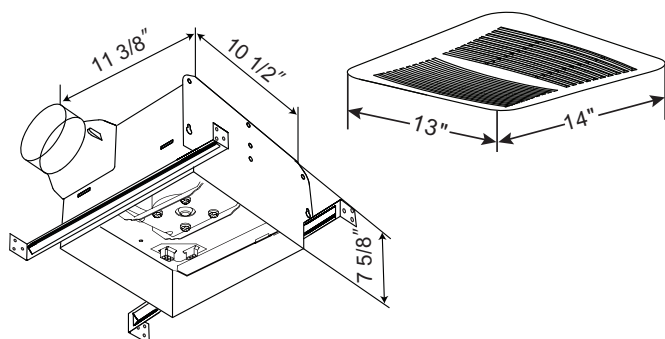
PERFORMANCE SPECIFICATIONS

MODEL	STATIC PRESSURE (IN W.G.)	CFM	SONES	WATTS	POWER (V/Hz)	DUCT DIAMETER
CEPD140-4	0.1	80	< 0.3	6.0	120/60	6"
		90	< 0.3	6.5		
		110	< 0.3	8.7		
		140	0.5	12.4		
	0.25	49	0.9	7.8	120/60	6"
		57	0.9	8.3		
		83	1.0	10.6		
		117	1.0	14.5		

FAN CURVES



DIMENSIONS



L SERIES

Ceiling Exhausters by Broan Nutone



L100E/L150E/L200E/L250E/L300E
POLY GRILLE



L400/L500/L700
METAL GRILLE

FEATURES

- Low RPM for quiet operation
- Resilient anti-vibration blower mounts
- Dynamically balanced polymeric centrifugal blower wheel(s) for quiet efficient performance
- Permanently lubricated thermally protected 120v motor with plug disconnect, designed for continuous operation
- Round or rectangular duct connection
- Quiet automatic backdraft damper(s)
- Standard horizontal discharge (field convertible to vertical discharge)
- Wall or ceiling mount
- 8 position mounting brackets
- Insulated housing
- White polymeric (L100E-300E) or enamel coated steel (L400-700) ceiling grille
- L100E-300E UL listed for use over bathtubs or showers when connected to GFCI branch circuit

PERFORMANCE SPECIFICATIONS

MODEL	CFM @ .125" SP	SONES	AMPS	WATTS	SOUND INSULATION	DUCT
White Polymeric Grille						
L100E	109	0.9	1.1	87	Yes	6"
L150E	157	1.5	1.3	100	Yes	6"
L200E	210	1.7	1.8	127	Yes	8"
L250E	259	2.2	2.1	166	Yes	8"
L300E	308	2.9	2.8	212	Yes	8"
L400	434	2.3	1.4	146	Yes	4 1/2" x 18 1/2"
L500	514	3.3	2.2	232	Yes	4 1/2" x 18 1/2"
L700	701	4.7	2.9	313	Yes	4 1/2" x 18 1/2"

OPTIONS & ACCESSORIES

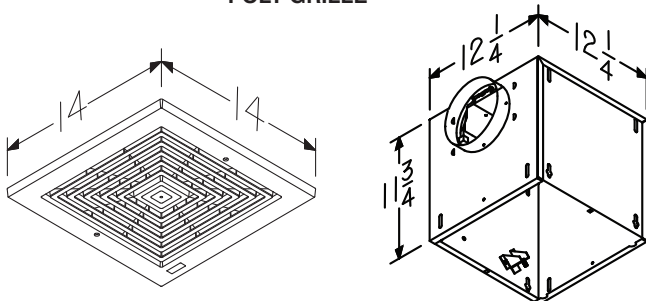
- Internal or remote speed control
- Wall cap, roof jack, roof cap (self-flash or curb mounted)
- Inline adapter, rectangular to round discharge adapter (L400-700)
- RIS hanging isolators
- White enamel coated steel ceiling grille (L100E-300E)



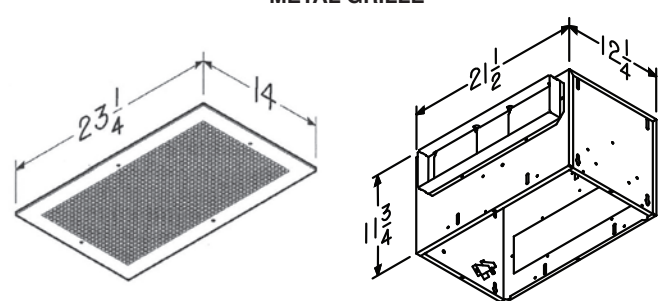
Models L100E, L150E, L200E, L250E and L300E are UL listed for use over bathtubs and showers when connected to a GFCI-protected branch circuit.

DIMENSIONS

L100E/L150E/L200E/L250E/L300E
POLY GRILLE



L400/L500/L700
METAL GRILLE

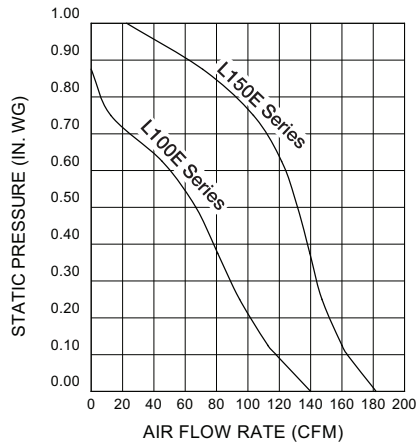


L SERIES

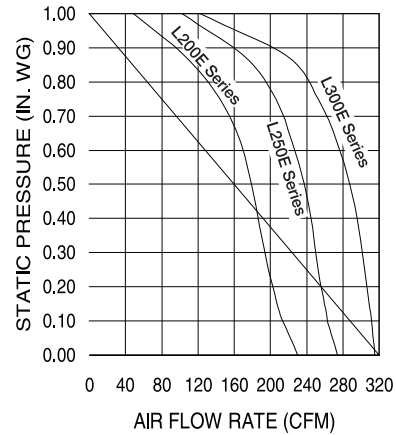
FAN CURVES

Ceiling Exhausters by Broan Nutone

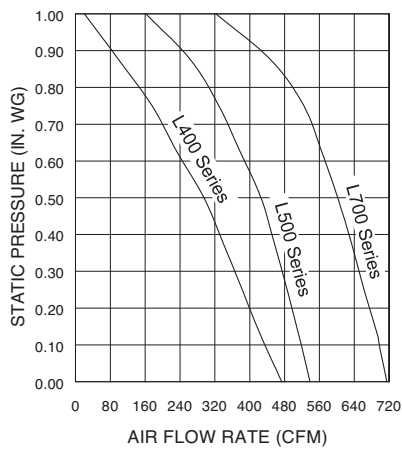
L100E/L150E



L200E/L250E/L300E



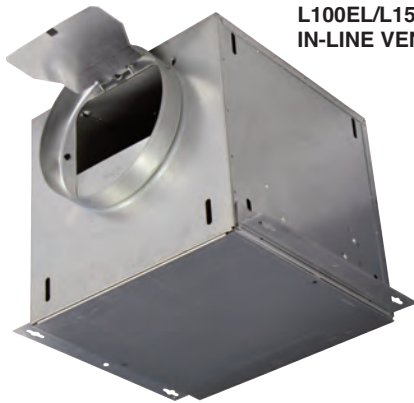
L400/L500/L700



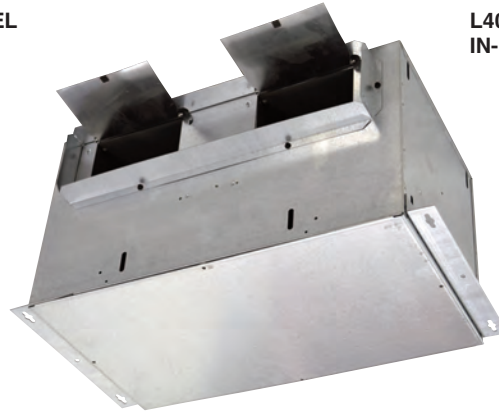
Model	Watts Amps	Nom RPM	CFM @ INWG										Unit Weight	Discharge Size
			FA	0.100	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000		
L100E	87	640	136	115	109	93	80	65	44	12			22.8 lbs	6" Rd
	1.1	Sones	0.5	0.8	0.9	1.3	1.8	2.3	3.0	3.5				
L150E	100	710	181	161	157	141	132	124	114	94	62		23.1 lbs	8" Rd
	1.3	Sones	1.3	1.4	1.5	2.2	2.6	3.1	3.6	4.1	4.6			
L200E	127	740	231	214	210	196	186	177	165	144	113	51	23 lbs	8" Rd
	1.8	Sones	1.6	1.8	1.7	2.3	2.9	3.5	4.1	4.9	5.3	5.3		
L250E	166	830	272	261	259	250	242	233	218	201	165	99	23.1 lbs	8" Rd
	2.1	Sones	2.1	2.3	2.2	2.9	3.3	3.9	4.4	4.8	5.5	5.8		
L300E	212	905	312	309	308	303	296	287	273	254	219	125	23.1 lbs	8" Rd
	2.6	Sones	2.8	2.9	2.9	3.3	3.5	3.9	4.3	4.7	5.1	5.6		
L400	146	735	480	442	434	388	344	299	229	182	114	33	33.8 lbs	18-1/2" x 4-1/2"
	1.4	Sones	2.0	2.4	2.3	2.8	3.3	3.8	4.5	4.8	5.4	5.6		
L500	232	810	538	520	514	491	463	434	389	339	282	186	33.8 lbs	18-1/2" x 4-1/2"
	2.2	Sones	3.0	3.1	3.3	3.6	4.0	4.4	5.0	5.7	6.2	6.7		
L700	313	960	722	704	701	667	640	607	571	534	453	333	33.9 lbs	18-1/2" x 4-1/2"
	2.9	Sones	4.5	4.6	4.7	4.8	5.0	5.2	5.6	6.2	7.1	7.2		

L-L SERIES

Ceiling Exhausters by Broan Nutone



L100EL/L150EL/L200EL/L250EL/L300EL
IN-LINE VENTILATORS



L400L/L500L/L700L
IN-LINE VENTILATORS

FEATURES

- Low RPM for quiet operation
- Resilient anti-vibration blower mounts
- Dynamically balanced polymeric centrifugal blower wheel(s) for quiet efficient performance
- Permanently lubricated thermally protected 120v motor with plug disconnect, designed for continuous operation
- Round or rectangular duct connections
- Quiet automatic backdraft damper(s)
- Standard straight through inline discharge (field convertible to right angle discharge)

PERFORMANCE SPECIFICATIONS

MODEL	CFM @ .125" SP	SONES	AMPS	WATTS	DUCT
In-Line Ventilator (No Grille)					
L100EL	106	0.7	1.1	87	6"
L150EL	147	1.1	1.3	100	6"
L200EL	195	1.9	1.8	127	8"
L250EL	245	2.3	2.1	166	8"
L300EL	293	3.1	2.6	212	8"
L400L	406	1.6	1.4	146	4 1/2" x 18 1/2"
L500L	519	3.4	2.2	232	4 1/2" x 18 1/2"
L700L	681	3.7	2.9	313	4 1/2" x 18 1/2"

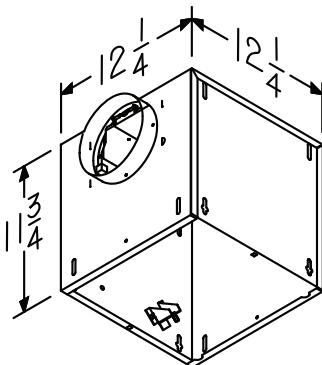
OPTIONS & ACCESSORIES

- Speed control
- Wall cap, roof jack, roof cap (self-flash or curb mounted)
- Rectangular to round inlet and/or discharge adapter (L400L-700L)
- RIS hanging isolators

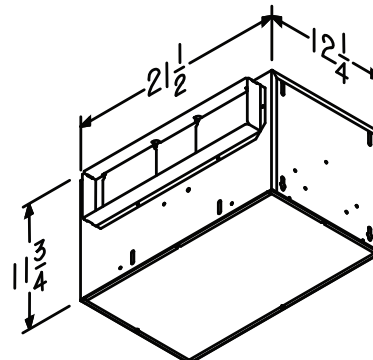


DIMENSIONS

L100EL/L150EL/L200EL/L250EL/L300EL IN-LINE VENTILATORS



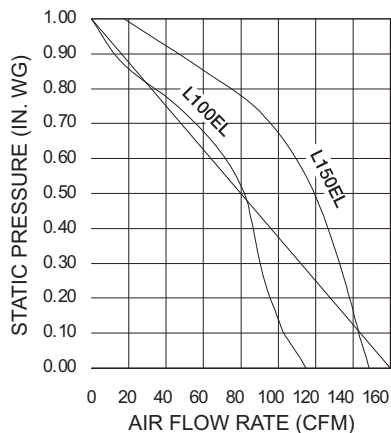
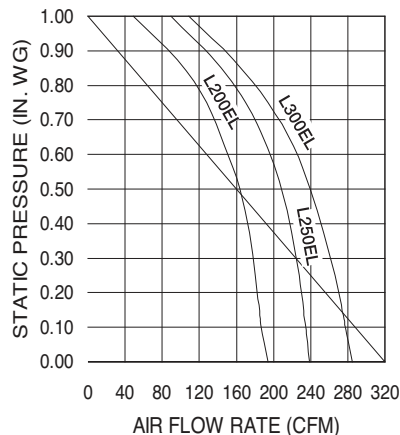
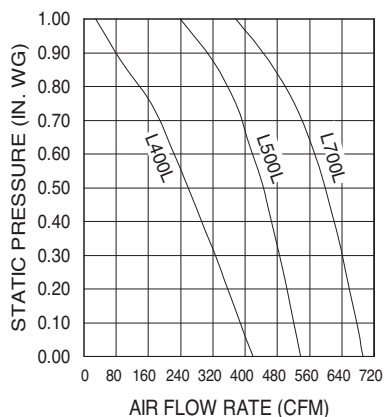
L400L/L500L/L700L IN-LINE VENTILATORS



L-L SERIES

FAN CURVES

Ceiling Exhausters by Broan Nutone

L100EL/L150EL

L200EL/L250EL/L300EL

L400L/L500L/L700L


Model	Watts Amps	Nom RPM	CFM @ INWG										Unit Weight	Intake & Discharge Size
			FA	0.100	0.125	0.250	0.375	0.500	0.625	0.750	0.875	1.000		
L100EL	87	760	121	108	106	97	93	86	70	44	17	--	22.9 lbs	6" Rd
	1.1	Sones	0.5	0.7	0.7	1.1	1.4	1.8	2.1	2.4	2.6	--		
L150EL	100	920	153	148	147	140	134	125	111	91	54	18	22.9 lbs	6" Rd
	1.3	Sones	0.9	1.0	1.1	1.4	1.6	1.9	2.1	2.2	2.4	2.6		
L200EL	127	865	205	196	195	190	185	175	158	135	96	47	23.1 lbs	8" Rd
	1.8	Sones	1.7	1.9	1.9	2.1	2.3	2.4	3.0	3.3	3.4	3.4		
L250EL	166	1005	248	245	245	241	235	224	208	183	141	84	23.2 lbs	8" Rd
	2.1	Sones	2.0	2.3	2.3	2.6	2.8	3.2	3.4	3.6	3.9	3.8		
L300EL	212	1145	300	294	293	285	274	259	243	214	168	113	23.2 lbs	8" Rd
	2.6	Sones	2.9	3.0	3.1	3.3	3.4	3.5	3.6	3.7	4.0	3.9		
L400L	146	775	450	415	406	360	313	271	223	167	90	--	33.9 lbs	18-1/2" x 4-1/2"
	1.4	Sones	1.4	1.6	1.6	1.9	2.2	2.6	2.9	3.4	3.6	--		
L500L	232	890	546	526	519	496	472	447	407	364	306	232	33.9 lbs	18-1/2" x 4-1/2"
	2.2	Sones	2.4	2.4	3.4	3.7	3.9	3.8	3.9	4.0	4.3	4.3		
L700L	313	1090	704	686	681	656	631	604	575	533	480	412	34 lbs	18-1/2" x 4-1/2"
	2.9	Sones	3.6	3.8	3.7	3.9	4.0	4.2	4.3	4.4	4.7	5.0		

L & L-L SERIES ACCESSORIES

CEILING RADIATION DAMPERS

Models RD1/RD2/RD3



When excessive heat is detected, the breakaway fusible link triggers the closing of the radiation damper's fire resistant screen to prevent smoke and fire from travelling through the ductwork.

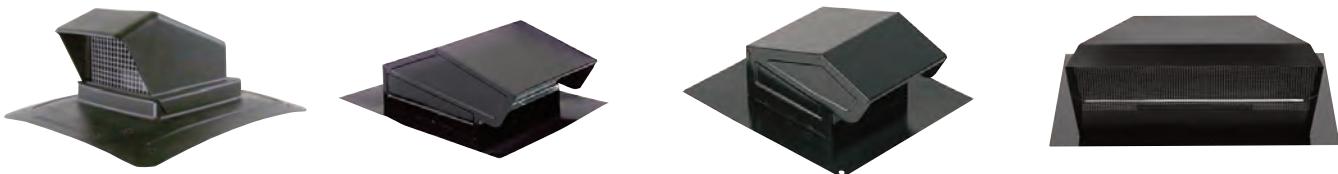
INLINE ADAPTOR KITS FOR CEILING EXHAUST FANS

Models IA961L/IA981L/IA982L/IA983L



ROOF JACKS

Models RJ636/RJ634/RJ437/RJ4P/RJ6P



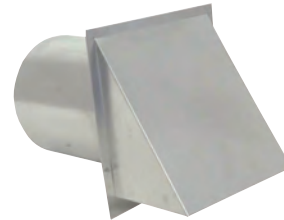
TRANSITIONS

Models TRN423/TRN81212



WALL CAPS

Models WC4A/WC6A/WC8A/WC10A/WC12A



ROOF CAPS

Models RCSF6/RCSF8/RCSF10/RCSF12/RCCM6/RCCM8/RCCM10/RCCM12



CONTROLS

MC80L



MC3/MC5



BPT SERIES BATHROOM EXHAUST FANS

- Canarm BPT series bathroom ventilators are high quality, low noise units which meet the needs of today's quality builders and contractors.
- With CFM ratings of 70, 110 and 150, we have units to meet every size bathroom.

BPT12-13H1

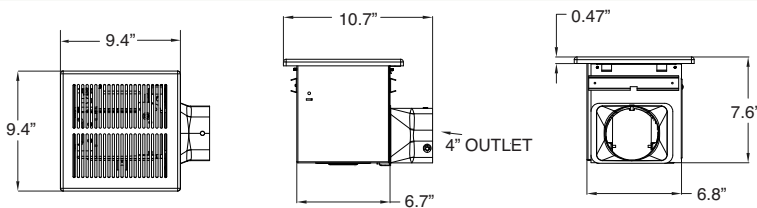
FOR BATHROOM SIZE UP TO 75 FT²



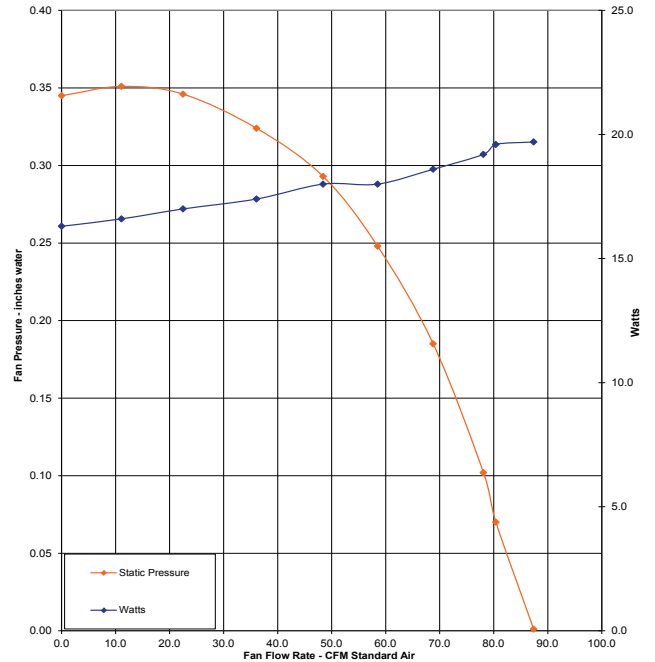
- 70 CFM
- 1 sone
- 17 Watts
- 120 V Motor
- 4" outlet
- Comes with plastic grill
- Shipping weight: 8.0 lbs.



DIMENSIONS



FAN CURVES



BPT18-34A-5

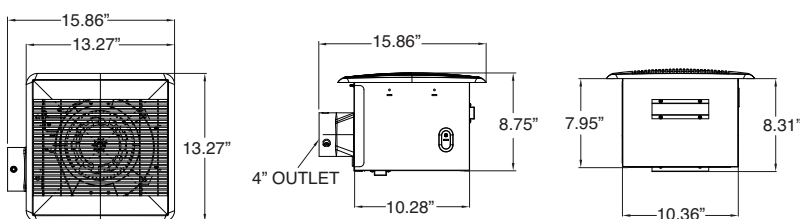
FOR BATHROOM SIZE UP TO 105 FT²



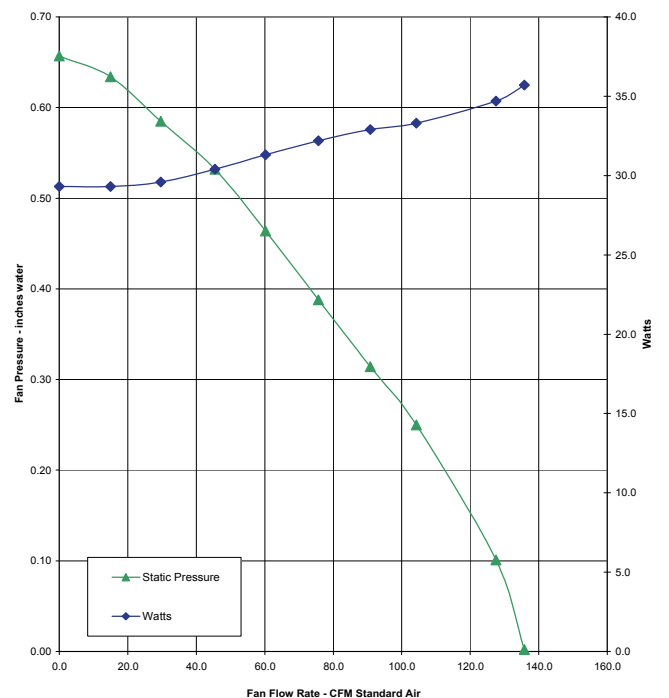
- 110 CFM
- 1 sone
- 31 Watts
- 120 V Motor
- 4" outlet
- Comes with plastic grill
- Shipping weight: 13.9 lbs.



DIMENSIONS



FAN CURVES



SCENTINEL-IDB

Forward Curved Odour Control Blower Kit



SCT-IDB12 with 16 filters shown

- Carbon infused odour treatment system for recirculating, redistributing or exhausting air.
- Durable galvanized, steel construction.
- Delhi blowers will not “surge”, “hunt” or “stall.”
- Ideal for indoor applications.
- Optional variable pitch motor pulley permits field adjustment (typically + or - 15%) to match air delivery needs.
- Quiet forward curved blowers operate at 1/2 the RPM of other inline blowers.



Advanced high efficiency filter system. Includes modular corrosion resistant canister filters with maximum absorbent media.

INDUSTRIES SERVED

- Licensed Medical Cannabis Producers
- Commercial HVAC
- Ventilation
- Heating
- Cooling
- Construction

FEATURES

- **Wheel Diameters:** 6”, 10” or 12”
- **CFM:** Up to 2000 in a single blower.
- Constructed from galvanized steel for durability.
- Forward Curved blowers operate at low RPM for low noise levels.
- Heavy duty ball bearings suitable for -65° F to +250° F.
- Saddle type motor mounting platform provides extended belt tension adjustment range on all IDB models.

TYPICAL APPLICATIONS FOR OUR ODOUR CONTROL BLOWERS

- An odour abatement fan for licensed medical cannabis producers.
- Can be used as exhaust, redistribution or recirculation.
- As an air moving module for systems built up with other components such as heating/cooling coils.
- Noise sensitive areas - the low RPM forward curved wheel typically radiates less vibration than higher RPM backward inclined wheel solutions.

PERFORMANCE SPECIFICATIONS

MODEL	TYPICAL MAXIMUM CFM @ SP					Max HP	# FILTERS
	1/2" SP	1" SP	1 1/2" SP	2" SP	2 1/2" SP		
SCT-IDB10	1000	1000	1000	1000	1000	1 1/2	8
SCT-IDB12	2000	2000	2000	2000	1500	1 1/2	16
SCT-DFRC6ES	160	95	50	--	--	--	1

NOTE: SP from filters is 0.70" SP



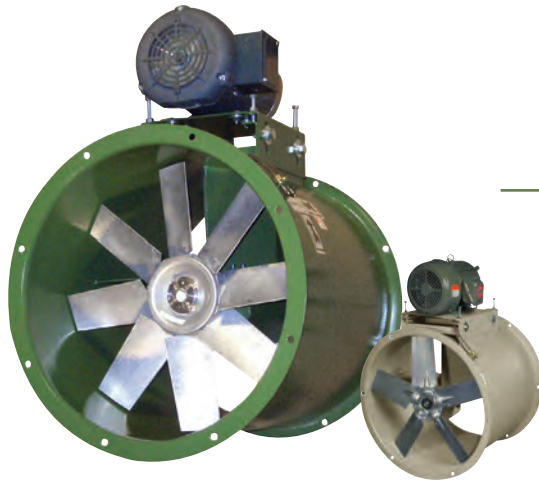
SCT-DFRC6ES with 1 filter



SCT-IDB12 with 16 filters shown

BELT DRIVE TUBE AXIAL DUCT FANS

Designed for duct connected applications such as paint booth exhaust, air make-up fans, general exhaust, etc.



Paint color on HTA models is beige.

- BTA** - For clean, dry air with a maximum temperature of 200°F (95°C)
- WTA** - For moisture laden air with a maximum temperature of 200°F (95°C)
- HTA** - For clean, dry air with a maximum temperature of 375°F (190°C)



To order WTA or HTA models, replace "BTA" with "WTA" or "HTA" in the table below.

PERFORMANCE SPECIFICATIONS

BLADE DIAMETER	MODEL #		RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE										
	SINGLE PHASE	THREE PHASE				0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"		
						0"	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"		
12"	BTA12T10075A	BTA12T30075A*	2535	3/4	60	2100	2020	1950	1890	1800	-	-	-	-	-	-
	BTA12T10075B	BTA12T30075B*	2865	3/4	64	2370	2330	2240	2190	2120	1940	1590	-	-	-	-
	BTA12T10075	BTA12T30075*	3290	3/4+	70	2720	2660	2610	2550	2500	2380	2200	1890	-	-	-
	BTA12T10200	BTA12T30200*	3645	2+	74	3020	2970	2910	2860	2810	2720	2600	2420	2150	-	-
15"	BTA15T10075A	BTA15T30075A*	1850	3/4	61	2780	2640	2480	2290	2050	-	-	-	-	-	-
	BTA15T10075B	BTA15T30075B*	2105	3/4	66	3170	3040	2910	2710	2580	2110	-	-	-	-	-
	BTA15T10075	BTA15T30075*	2405	3/4	72	3620	3510	3410	3350	3150	2810	2380	-	-	-	-
	BTA15T10100	BTA15T30100*	2660	1.0	75	4000	3910	3810	3690	3590	3320	2990	2570	1140	-	-
18"	BTA18T10150	BTA18T30150*	3040	1.5+	81	4580	4490	4390	4330	4220	3940	3780	3480	3150	-	-
	BTA18T10075A	BTA18T30075A*	1556	3/4	58	4110	3930	3760	3540	3260	1760	-	-	-	-	-
	BTA18T10075B	BTA18T30075B*	1765	3/4	61	4680	4530	4380	4210	4020	3440	1930	-	-	-	-
	BTA18T10100	BTA18T30100*	1920	1.0	63	5040	4890	4750	4610	4440	4010	3290	1800	1210	-	-
24"	BTA24T10150	BTA24T30150*	2255	1.5	68	5920	5790	5670	5550	5430	5140	4770	4210	3410	-	-
	BTA24T10200	BTA24T30200*	2510	2.0	72	6590	6490	6360	6280	6150	5930	5650	5260	4790	-	-
	BTA24T10075A	BTA24T30075A*	1180	3/4	58	6750	6325	5880	5360	4700	2180	-	-	-	-	-
	BTA24T10100	BTA24T30100*	1295	1.0	61	7400	7020	6620	6180	5690	4690	1980	-	-	-	-
30"	BTA30T10150	BTA30T30150*	1475	1.5	64	8430	8090	7680	7390	7000	6010	4320	3110	-	-	-
	BTA30T10200	BTA30T30200*	1620	2.0	67	9260	8960	8640	8330	7990	7220	6190	6080	4130	-	-
	BTA30T10300	BTA30T30300*	1890	3.0	72	10800	10670	10290	10060	9730	8890	8480	7640	6510	-	-
	BTA30T10100	BTA30T30100*	965	1.0	58	10800	10050	9190	8100	6610	2620	-	-	-	-	-
34"	BTA34T10150	BTA34T30150*	1095	1.5	61	12320	11650	11000	10130	9140	5210	2770	-	-	-	-
	BTA34T10200	BTA34T30200*	1225	2.0	64	13810	13170	12550	11930	11100	9120	5260	5320	-	-	-
	BTA34T10300	BTA34T30300*	1380	3.0	67	15490	14910	14540	13930	13270	11790	10860	9830	4130	-	-
	BTA34T10500	BTA34T30500*	1635	5.0	73	18410	17850	17540	17160	16590	15470	14280	12820	10810	-	-
36"	BTA36T10150	BTA36T30150*	895	1.5	61	15100	14000	12880	11300	9420	4800	-	-	-	-	-
	BTA36T10200	BTA36T30200*	960	2.0	62	16200	15180	14060	12880	11300	5280	3450	-	-	-	-
	BTA36T10300	BTA36T30300*	1125	3.0	66	19000	18120	17220	16270	15200	12350	8070	5320	-	-	-
	BTA36T10500	BTA36T30500*	1320	5.0	72	22300	21550	20770	20130	19060	17220	14900	10860	8310	-	-
42"	BTA42T10150	BTA42T30150*	1520	7.5	75	25700	25010	24350	23730	23040	21610	19830	17820	14760	-	-
	BTA42T10200	BTA42T30200*	910	2.0	63	17820	16650	15420	13980	12190	7310	-	-	-	-	-
	BTA42T10300	BTA42T30300*	1045	3.0	66	20490	19220	18410	17550	16020	12050	8270	5190	-	-	-
	BTA42T10500	BTA42T30500*	1245	5.0	71	24410	23610	22650	21780	20070	18650	15890	11520	9140	-	-
48"	BTA48T10150	BTA48T30150*	1425	7.5	75	27930	27110	26380	25790	24830	23230	21220	18850	15290	-	-
	BTA48T10200	BTA48T30200*	770	2.0	60	20690	19920	19310	18080	16320	10290	-	-	-	-	-
	BTA48T10300	BTA48T30300*	895	3.0	64	24120	22840	21430	19620	17680	12050	-	-	-	-	-
	BTA48T10500	BTA48T30500*	1005	5.0	67	27070	25980	24640	23230	21810	17750	10780	6820	-	-	-
54"	BTA54T10150	BTA54T30150*	1205	7.5	72	32420	31520	30640	29530	28290	25760	22510	16620	12290	-	-
	BTA54T10200	BTA54T30200*	1335	10.0	75	35910	35170	34340	33410	32390	30120	27300	24640	19620	-	-
	BTA54T10300	BTA54T30300*	745	3.0	63	25790	24330	22450	20510	17780	-	-	-	-	-	-
	BTA54T10500	BTA54T30500*	885	5.0	67	30710	29440	27810	26370	24690	20570	14310	-	-	-	-
60"	BTA60T10150	BTA60T30150*	1005	7.5	71	34830	33850	32310	31080	29810	26690	22390	17120	-	-	-
	BTA60T10200	BTA60T30200*	1105	10.0	73	38300	37270	36210	34760	33670	31090	28120	23710	18930	-	-
	BTA60T10300	BTA60T30300*	1265	15.0	76	43870	42900	42230	40860	39850	37760	35620	32760	29450	-	-
	BTA60T10500	BTA60T30500*	710	5.0	69	39490	37130	34510	31680	28260	-	-	-	-	-	-
60"	BTA60T10750	BTA60T30750*	810	7.5	72	45020	42890	40760	38660	35890	29810	20380	-	-	-	-
	BTA60T11000	BTA60T31000*	905	10.0	75	50330	48450	46590	44640	42420	37520	31620	22910	15230	-	-
	BTA60T1500	BTA60T31500*	1025	15.0	78	57010	55520	53850	52110	50170	46260	42140	36610	28880	-	-
	BTA60T10750	BTA60T30750*	690	7.5	68	54300	51240	48620	45760	41310	27620	18390	-	-	-	-
60"	BTA60T11000	BTA60T31000*	755	10.0	70	59420	56770	54150	51490	48410	39330	26420	17510	-	-	-
	BTA60T1500	BTA60T31500*	870	15.0	73	68490	66320	63840	61710	59300	53450	45310	32880	25690	-	-
	BTA60T32000	BTA60T32000*	955	20.0	76	75110	73090	70670	68880	67010	62340	55910	47640	35870	-	-

For three phase motors, substitute "*" with "M" for 230/460 volt (if 208V required please specify) or "P" for 575 volt.

+ Motor RPM is 3450. All others are 1750.

dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS & ACCESSORIES

For a complete listing of all available options and accessories available for this fan and ordering guidelines, see **Tube Axial Duct Fan Options & Accessories**. When ordering, replace "T" (in chart above) with ALL letters of the options and accessories required, as shown on **Tube Axial Duct Fan Options & Accessories**.



Options must be requested at time of order, as they cannot be added later.

FEATURES

BTA

- Adjustable motor base.
- Heavy duty pillow block ball bearings with high temperature grease.
- Extended lube lines with external grease fittings.
- TEFC motors are standard.
- Cast aluminum blades up to 48"; fans 54" & 60" have polypropylene reinforced fiberglass blades.
- Airfoil shaped belt tube for improved efficiency; motor, belts, drives and bearings are isolated from air stream.

WTA

- Heavy duty pillow block bearings with moisture displacement collars + stainless steel shaft.

HTA

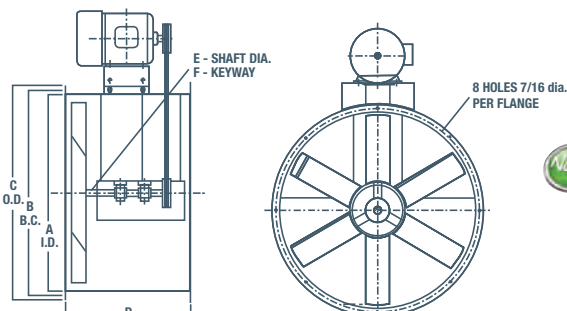
- Paint color is beige on these models, high temperature bearings and grease.

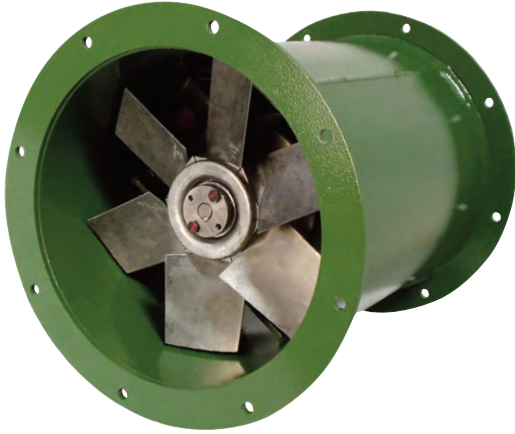


Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

FAN SIZE	A	B	C	D	E	F	WEIGHT (LBS) (less motors & accessories)
12"	12"	14"	15 1/8"	17"	3/4"	3/16"	53
15"	15 3/8"	17"	18 3/8"	17"	3/4"	3/16"	62
18"	18 3/8"	20"	21 3/8"	21"	1"	1/4"	76
24"	24 3/8"	25 7/8"	27 3/8"	21"	1 3/16"	1/4"	132
30"	30 3/8"	32 3/8"	33 3/8"	21"	1 7/16"	3/8"	174
34"	34 3/8"	36 3/8"	37 3/8"	27"	1 7/16"	3/8"	225
36"	36 3/8"	38 3/8"	39 3/8"	27"	1 7/16"	3/8"	239
42"	42 3/8"	44 3/8"	45 3/8"	32"	1 7/16"	3/8"	326
48"	48 3/8"	50 3/8"	51 3/8"	32"	1 15/16"	1/2"	420
54"	54 3/8"	56 3/8"	57 3/8"	40"	1 15/16"	1/2"	552
60"	60 3/8"	62 3/8"	63 3/8"	40"	1 15/16"	1/2"	601





DDA - DIRECT DRIVE TUBE AXIAL DUCT FANS

Minimum maintenance. Maximum efficiency.

DDA - For clean, dry air with a maximum temperature of 100°F (40°C)

PERFORMANCE SPECIFICATIONS

FEATURES

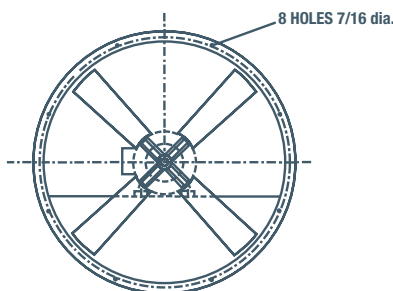
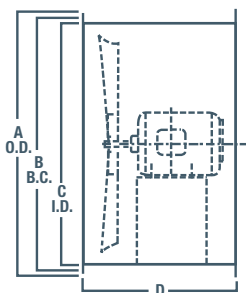
- Cast aluminum blades are standard.
- TEFC motors are standard.



Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

FAN SIZE	A	B	C	D	WEIGHT (LBS) (less motors & accessories)
12"	15 1/8"	14"	12"	17"	37
14"	17 3/8"	16"	14 3/8"	17"	TBA
15"	17 7/8"	17"	15 3/8"	17"	42
16"	19 3/8"	18"	16 3/8"	21"	TBA
18"	20 7/8"	20"	18 3/8"	21"	55
20"	23 3/8"	22"	20 3/8"	21"	TBA
24"	27 3/8"	25 7/8"	24 3/8"	21"	102
30"	33 3/8"	32 3/8"	30 3/8"	21"	138
34"	37 3/8"	36 3/8"	34 3/8"	27"	169
36"	39 3/8"	38 3/8"	36 3/8"	27"	181
42"	45 3/8"	44 3/8"	42 3/8"	32"	225
48"	51 3/8"	50 3/8"	48 3/8"	32"	308



BLADE DIAMETER	MODEL #		RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE					
	SINGLE PHASE	THREE PHASE				0"	1/4"	1/2"	3/4"	1"	1 1/4"
12"	DDA12T10033B	DDA12T30033B*	1750	1/3	49	1450	1230	313	-	-	-
	DDA12T10200A	DDA12T30200A*	3450	2.0	72	2860	2740	2640	2530	2410	2140
	DDA14T10033C	DDA14T30033C*	1140	1/3	53	1450	443	-	-	-	-
	DDA14T10033B	DDA14T30033B*	1750	1/3	60	2220	1920	1350	512	185	-
	DDA15T10033B	DDA15T30033B*	1750	1/3	65	2630	2320	1840	-	-	-
	DDA16T10033C	DDA16T30033C*	1140	1/3	56	2150	1640	340	-	-	-
16"	DDA16T10050B	DDA16T30050B*	1750	1/2	66	3300	3040	2690	1750	825	370
	DDA18T10033C	DDA18T30033C*	1140	1/3	59	2990	2450	845	-	-	-
	DDA18T10075B	DDA18T30075B*	1750	3/4	71	4590	4280	3910	3260	1750	-
	DDA20T10033C	DDA20T30033C*	1140	1/3	60	4530	3180	739	-	-	-
	DDA20T10100B	DDA20T30100B*	1750	1.0	76	6950	6155	5300	3225	1860	853
	DDA20T10200B	DDA20T30200B*	1750	2.0	78	7893	7486	6506	5336	4060	2513
20"	DDA24T10050C	DDA24T30050C*	1140	1/2	52	4990	4180	2920	1210	-	-
	DDA24T10100C	DDA24T30100C*	1140	1.0	57	6520	5630	4380	1920	813	-
	DDA24T10150C	DDA24T30150C*	1140	1.5	61	8710	7630	6020	2380	720	-
	DDA24T10150B	DDA24T30150B*	1750	1.5	65	7660	7160	6620	5980	5170	4020
	DDA24T10200B	DDA24T30200B*	1750	2.0	66	9210	8660	8090	7470	6660	5540
	DDA24T10300B	DDA24T30300B*	1750	3.0	71	11500	10900	10200	9490	8680	7540
24"	DDA30T10100C	DDA30T30100C*	1140	1.0	57	8680	7480	6000	3630	1550	-
	DDA30T10150C	DDA30T30150C*	1140	1.5	61	11800	10600	8950	6070	3070	-
	-	DDA30T30200C*	1140	2.0	62	12780	11490	9850	7320	3620	-
	-	DDA30T30300C*	1140	3.0	68	16400	14700	12700	6840	4120	-
	DDA30T10300B	DDA30T30300B*	1750	3.0	69	13300	12550	11700	11000	9980	8830
	DDA30T10500B	DDA30T30500B*	1750	5.0	73	18200	17350	16550	15200	14600	13880
30"	DDA30T10750B	DDA30T30750B*	1750	7.5	77	22600	21980	20650	19030	18300	17550
	-	DDA34T30200C*	1140	2.0	64	15300	13800	12000	10490	6070	3440
	-	DDA34T30300C*	1140	3.0	67	19300	17700	15600	12900	8620	6110
	-	DDA34T30500C*	1140	5.0	70	22500	20550	18300	13100	10200	6860
	DDA34T10500B	DDA34T30500B*	1750	5.0	76	18700	17820	16800	15700	14600	13660
	DDA34T10750B	DDA34T30750B*	1750	7.5	76	23500	22600	21500	20400	19300	18160
34"	-	DDA34T31000B*	1750	10.0	78	27800	26750	25500	24250	23300	22150
	-	DDA34T31500B*	1750	15.0	81	31300	30300	29100	28250	26600	25130
	-	DDA36T30200C*	1140	2.0	66	14000	12400	10600	8390	5530	-
	-	DDA36T30300C*	1140	3.0	67	19400	17550	15600	13100	8980	6450
	-	DDA36T30500C*	1140	5.0	68	23600	22050	19700	16850	11700	9220
	DDA36T10500B	DDA36T30500B*	1750	5.0	70	16200	15200	14200	12800	12200	11050
36"	-	DDA36T30750C*	1140	7.5	72	26100	23800	21600	18350	12900	9730
	DDA36T10750B	DDA36T30750B*	1750	7.5	78	21500	20400	19400	18350	17100	15850
	-	DDA36T31000B*	1750	10.0	79	29700	28550	27300	26150	24900	23700
	-	DDA36T31500B*	1750	15.0	81	34320	32960	31970	30680	29280	28030
	-	DDA42T30200D*	860	2.0	61	19200	16300	12400	6720	-	-
	-	DDA42T30300D*	860	3.0	63	23210	20230	16280	8980	3940	-
42"	-	DDA42T30500D*	860	5.0	66	28900	25600	20800	11100	6290	-
	-	DDA42T30900C*	1140	5.0	68	25500	23550	21100	18300	14200	10100
	-	DDA42T30750C*	1140	7.5	70	30690	28750	26190	23350	19410	12780
	-	DDA42T31000C*	1140	10.0	73	38300	35700	33100	29450	23000	15400
	-	DDA42T31000B*	1750	10.0	76	26700	25200	23750	22380	21100	19570
	-	DDA42T31500B*	1750	15.0	80	39100	38080	36700	34640	33500	32040
48"	-	DDA42T32000B*	1750	20.0	82	43300	42280	40860	39170	37600	36140
	-	DDA48T30500D*	860	5.0	66	29820	26940	23790	12790	12790	6740
	-	DDA48T30750D*	860	7.5	68	35700	32450	28600	16800	16800	8270
	-	DDA48T31000C*	1140	10.0	74	37200	35300	33200	30800	27700	24000
	-	DDA48T31500C*	1140	15.0	76	47300	45050	42300	36200	36200	33490
	-	DDA48T32000C*	1140	20.0	79	53900	51450	48400	42300	42300	37120

For three phase motors, substitute “*” with “M” for 230/460 volt (If 208V required please specify) or “D” for 575 volt. dBA ratings shown are measured at 0” static pressure and should be used as a guideline only

OPTIONS & ACCESSORIES

For a complete listing of all available options and accessories available for this fan and ordering guidelines, see page A15.

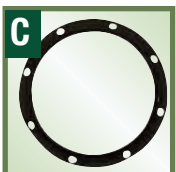
When ordering, replace “T” (in chart above) with ALL letters of the options and accessories required, as shown on page A15.



Options must be requested at time of order, as they cannot be added later.

TUBE AXIAL DUCT FAN OPTIONS & ACCESSORIES


DISCONNECT SWITCH

MC - GUARDS

CR - COMPANION RING

SCV - VERTICAL SUPPORT CLIPS

SCH - HORIZONTAL SUPPORT CLIP

SPL - SUPPORT LEGS

MCVR - MOTOR & BELT COVER

BLG - BELT GUARD

REFERENCE	ITEM	DESCRIPTION	SPECIAL ORDERING GUIDELINES
A	Disconnect Switch (Accessory)	See page K4 in Controls & Thermostats section for more information.	Ships loose. Available as an accessory ordered separately.
B	Inlet Guard (Accessory)	• Spiral plated OSHA guard.	To order installed, add letter to part number. Also available as an accessory ordered separately.
J	Outlet Guard (Accessory)	• Fits intake or exhaust. • Can be used in conjunction with companion ring.	
C	Companion Rings (Accessory)	• 1/4" plate angle ring. • Used to attach guards or ducts to tube axial fans.	To order installed, add letter to part number. Also available as an accessory ordered separately.
D	Vertical Support Clips (Accessory)	• 1/4" plate vertical support clips are welded onto fan. • Four clips per end.	Must be requested at time of order.
K	Horizontal Support Clips (Accessory)	• 1/4" plate horizontal support clips. • Bolts to the vertical support clips welded onto the fan. • Two clips per end.	Must be requested at time of order. Must be used with vertical clips (D). Eg) For a BTA18T10050 with horizontal clips & belt guard, use BTA18DKG10050. Note: "D" for vertical clips must be indicated as well as the "K" for horizontal clips.
E	Support Legs (Option)	• Heavy duty support legs are welded to the fan. • Suitable for mounting tube axial to the floor. • 4" Standard. 16" available. Consult factory. • Sold in pairs.	Must be requested at time of order.
F	Motor & Belt Covers (Accessory)	• 18 gauge galvanized steel. • Acts as both motor and belt cover. • 3/4" expanded metal screen allows motor heat to escape. • Bolts to motor mount.	For HTA/BTA/WTA Fans only. To order installed, add letter to part number. Also available as an accessory ordered separately.
G	Belt Guard (Accessory)	• Belt and guards protect the belt and drives. • 18 gauge galvanized steel.	For HTA/BTA/WTA Fans only. Not required with motor cover. To order installed, add letter to part number. Also available as an accessory ordered separately.
H	Inspection Door (Option)	• 10" x 12" inspection door. • Hinged and bolted. • Air dry finish. • Can be installed in location specified by customer.	Must be requested at time of order.
I	Specials (not shown)	Can include: • Explosion Proof Motors • Steel Fan Blades • Optional Coating	Must be requested at time of order.
L	Weather Cover (Accessory)	• 18 gauge galvanized steel. • Acts as both motor and belt cover. • Enclosed for weather protection. • Bolts to motor mount.	For HTA/BTA/WTA Fans only. To order installed, add letter to part number. Also available as an accessory ordered separately.
W (Not Shown)	Wired Junction Box (Option)	• Wired junction box using BX cable.	• For BTA models only! • Must be requested at time of order.

ORDERING EXAMPLES:

EX 1) If ordering a BTA18T10050 with support legs (E) and an inspection door (H), use **BTA18EH10050**.

EX 2) If ordering a BTA18T10050 with horizontal clips & belt guard, use **BTA18DKG10050**.

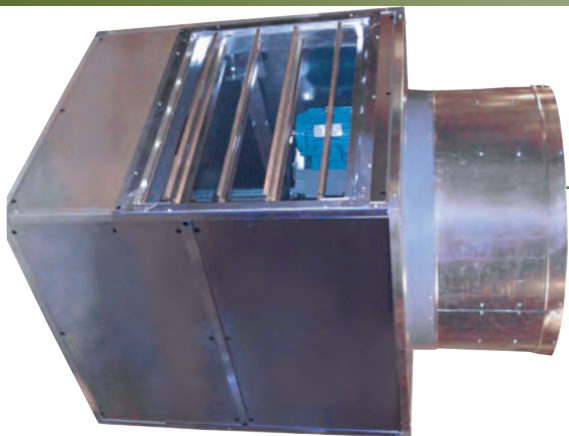
ACCESSORIES				OPTIONS INSTALLED WELDED TO TUBE		
FAN SIZE	COMPANION RING	GUARD	HORIZONTAL CLIP	SUPPORT LEG	VERTICAL CLIP	INSPECTION DOOR
12"	CR12P	MC12G	SCH12-60 (Must order vertical clip accessory)	SPL12	SCV12-60	ID12
15"	CR15P	MC15G		SPL15		ID15
18"	CR18P	MC18G		SPL18		ID18
20"	CR20P	MC20G		SPL20		ID20
24"	CR24P	MC24G		SPL24		ID24
30"	CR30P	MC30G		SPL30		ID30
34"	CR34P	MC34G		SPL34		ID34
36"	CR36P	MC36G		SPL36		ID36
42"	CR42P	MC42G		SPL42		ID42
48"	CR48P	MC48G		SPL48		ID48
54"	CR54P	MC54G		SPL54		ID54
60"	CR60P	MC60G		SPL60		ID60

ACCESSORIES	
FRAME SIZE	BELT GUARD
48 - 145T	BLGD1
182T - 184T	BLGD2
213T - 256T	BLGD3
284 AND UP	BLGD4

ACCESSORIES		
BTA SIZE	WEATHER COVER	MOTOR COVER
12" - 18"	MCVR1-WP	MCVR1
24" - 30"	MCVR2-WP	MCVR2
34" - 36"	MCVR3-WP	MCVR3
42" - 48"	MCVR4-WP	MCVR4
54" - 60"	MCVR5-WP	MCVR5


ID - INSPECTION DOOR

WC - WEATHER COVER



JFHVA AIR MAKE UP JET FANS

Provides significant energy savings by inexpensively distributing make-up air strategically and comfortably throughout a building.

Air Make-Up Jet Fan systems utilize a propeller fan in conjunction with a modulating face and by-pass control dampers to mix cold outside air with warm inside air, which results in inexpensive, tempered make-up air that can be distributed evenly throughout the work space, providing greater comfort and energy savings.

FEATURES

- Sturdily constructed of galvanized steel with cast aluminum fan blades.
- Outlet duct with straightening vanes to attach air tube.
- TEFC motors are standard.
- Adjustable motor base.
- Large access door hinged and latched on bottom (all models).
- Face and bypass dampers (FBC and FOC optional construction).
- Modulating damper motors (FBC and FOC optional construction).
- Transformers & Remote thermostats (FBC and FOC optional construction).
- NEMA control box enclosure (FBC & FOC optional construction).
- All face and bypass damper linkage enclosed inside cabinet (FBC).
- Optional construction available.

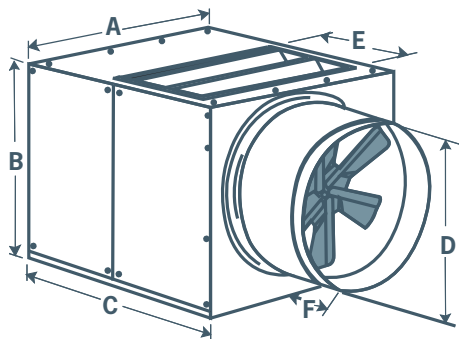


Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

Fan Size	A	B	C	D	F
24"	32"	32"	36"	25"	18 7/8"
30"	38"	38"	42"	31"	18 7/8"
36"	44"	44"	48"	37"	26 3/4"
42"	50"	50"	54"	42 7/8"	24 1/4"
48"	56"	56"	60"	48 7/8"	27 1/4"

*Please note that this fan is currently under review and the dimensions may change. Please call for details.



OPTIONS

Canarm supplies the Make-Up fan only. All other components are supplied by others.

- Polyethylene Fabric Ducts
- Face Dampers (by Canarm)
- Drawband
- Cables
- Roof Curb
- Intake Wall & Roof Hoods
- Reducer
- Hardware Kit

PERFORMANCE SPECIFICATIONS

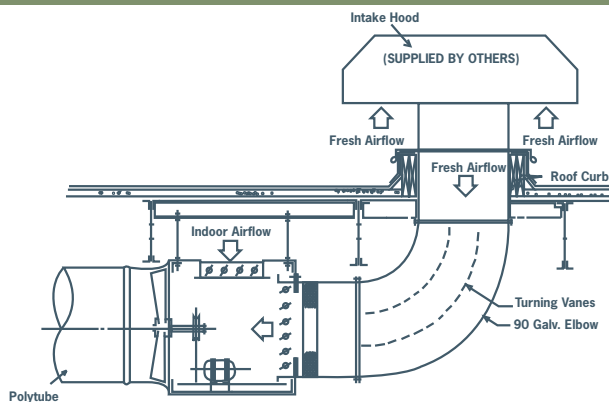
BLADE DIAMETER	MODEL #		RPM	H.P.	CFM	dBA @ 5 ft.
	SINGLE PHASE	THREE PHASE				
24"	JFHVA24FBC10075	JFHVA24FBC30075*	1180	3/4	4700	68
	JFHVA24FBC10100	JFHVA24FBC30100*	1295	1	5690	70
	JFHVA24FBC10150	JFHVA24FBC30150*	1475	1 1/2	7000	73
30"	JFHVA30FBC10100	JFHVA30FBC30100*	965	1	6610	69
	JFHVA30FBC10150	JFHVA30FBC30150*	1095	1 1/2	9140	72
	JFHVA30FBC10200	JFHVA30FBC30200*	1225	2	11100	74
36"	JFHVA36FBC10150	JFHVA36FBC30150*	830	1 1/2	8430	72
	JFHVA36FBC10200	JFHVA36FBC30200*	910	2	12190	74
	JFHVA36FBC10300	JFHVA36FBC30300*	1045	3	16020	78
42"	JFHVA42FBC10200	JFHVA42FBC30200*	770	2	11320	74
	JFHVA42FBC10300	JFHVA42FBC30300*	895	3	17680	76
	JFHVA42FBC10500	JFHVA42FBC30500*	1005	5	21810	79
48"	JFHVA48FBC10200	JFHVA48FBC30200*	645	2	11070	71
	JFHVA48FBC10300	JFHVA48FBC30300*	745	3	17880	74
	JFHVA48FBC10500	JFHVA48FBC30500*	885	5	24690	79
	JFHVA48FBC10750	JFHVA48FBC30750*	1005	7 1/2	29810	82

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt

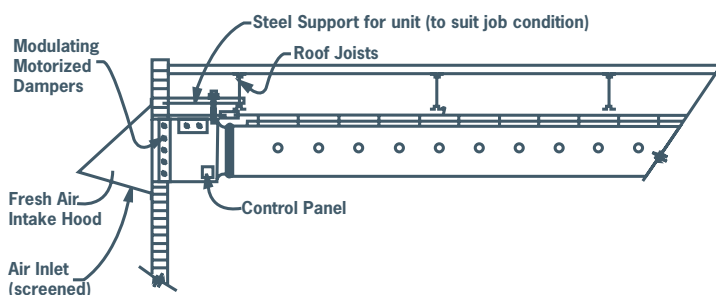
OPTIONAL CONSTRUCTION: "T" - Jet Fan with Cabinet, Snout, and Straightening Vanes;
 "FOC" - Same as above, but with a Face Damper & Controls;
 "FBC" - Fan complete with Face and Bypass & Controls (standard)

TYPICAL INSTALLATIONS

TYPICAL INSTALLATION - ROOF MOUNT



TYPICAL INSTALLATION - SIDEWALL MOUNT



NEW | now with
EC MOTORS
for energy savings

ALX-UD & ALX-UD-EC SERIES - UPBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS



UL705 POWER VENTILATOR
FOR RESTAURANT
EXHAUST APPLIANCES

Ideal for exhausting air from factories, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

**FEATURING PERFECT
SPEED EC MOTORS - UP TO
82% EFFICIENCY**

**ENERGY SAVINGS OF UP
TO 70% OVER REGULAR
DUTY PSC MOTORS**



FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Available with PSC or EC motors
- Variable speed PSC motors available on ALX 090/105/120/135
- All motors are 1 Phase 120/240V operation and can be operated at 50 or 60 Hz.
- All units can be wall mounted.
- Quick release latches for easy motor access

DIMENSIONS

MODEL	DIMENSIONS (INCHES)								Wheel Diameter	Roof Opening	WEIGHT (lbs)
	A	B	C	C2	D	E	F	G Ø			
ALX090-UD**	14.25	17.75	19.00	-	9.50	2.00	-	-	9.00	13.00	30
ALX105-UD	18.00	25.00	19.00	21.00	13.00	1.50	3.50	0.38	10.50	15.00	35
ALX120-UD	19.00	25.00	19.00	21.00	13.00	1.50	3.50	0.38	12.25	15.00	37
ALX135-UD	22.25	32.13	21.00	24.75	17.13	2.00	3.75	0.44	13.50	17.00	53
ALX150-UD	23.13	32.13	21.00	24.75	17.13	2.00	3.75	0.44	15.00	17.00	58
ALX165-UD	27.13	37.50	24.75	28.00	21.13	2.00	4.00	0.44	16.50	20.75	100
ALX180-UD*	31.75	37.50	28.00	24.75	21.13	2.00	4.00	0.44	18.25	20.75	116
ALX210-UD*	36.25	43.75	33.13	40.00	25.50	2.50	4.00	0.44	21.00	29.00	178

*EC motor option only

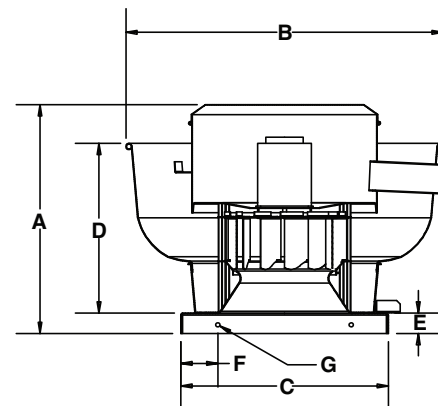
** UL705 Only

OPTIONS & ACCESSORIES

- Motorized damper
- Gravity (automatic) damper
- Wall mount bracket (for all sizes up to 24")
- Bird screen
- Grease collection box (required for UL705 Power Ventilator for Restaurant Exhaust Appliances)
- Curb hinge
- Disconnect switches
- Roof Curbs
- MC series solid state variable speed controls (ALX105-135 models)
- Remote mount potentiometer (available soon - EC models)
- Other base (curb cap) options available. See C2 in dimensions table.

EC MOTORS

- EC motors offer true variable speed operation and up to 70% energy savings over PSC motors.
- On-board speed adjustment allows simple setup and balancing with LED display.
- Can be controlled remotely up to 50' using a remote mount potentiometer or 0-10V.



DISCONNECT SWITCHES

- Wire disconnect switches are available. See Controls & Thermostats section for details.



UL705 Supplement SC - Power Ventilator for Restaurant Exhaust Appliances certified, refer to our UL705 Supplement SC - Power Ventilator for Restaurant Exhaust Appliances Catalogue page C in Roof Mount Ventilation for all installation requirements



Canarm certifies that the ALX-UD Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.

The AMCA certified ratings seal applies to air and sound performance only. The ALX-UD Series shown herein are not approved by AMCA for FEI ratings.

ALX-UD & ALX-UD-EC SERIES UPBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS



PERFORMANCE SPECIFICATIONS & CFM RATINGS

UNIT	MOTOR			AIRFLOW (CFM) @ STATIC PRESSURE															
	HP	Variable Speed	Max RPM	0.0"		.25"		.5"		.75"		1.00"		1.25"		1.5"		2.0"	
				High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
ALX090-UD008V***	1/12	Y	1650	525	275	425	100	340	100	-	-	-	-	-	-	-	-	-	-
ALX105-UD013V	1/8	Y*	1650	950	526	850	451	725	300	-	-	-	-	-	-	-	-	-	-
ALX105-UD033EC	1/3	Y*	1800	1051	217	954	319	866	393	732	440	534	483	-	-	-	-	-	-
ALX120-UD033V	1/3	Y*	1650	1400	977	1300	826	1175	751	1050	601	850	451	-	-	-	-	-	-
ALX120-UD050EC	1/2	Y	1800	1548	325	1422	336	1282	367	1133	395	947	408	633	438	-	-	-	-
ALX135-UD050V	1/2!	Y	1650	1950	-	1900	-	1800	-	1650	-	1550	-	1400	-	1300	-	-	-
ALX135-UD033EC	1/3	Y	1350	1578	400	1491	450	1346	600	1212	700	1053	850	-	-	-	-	-	-
ALX135-UD050EC	1/2	Y	1550	1850	400	1775	450	1650	600	1525	700	1375	850	1200	1000	-	-	-	-
ALX135-UD075EC	3/4	Y	1750	2100	400	2000	450	1900	600	1800	700	1700	850	1575	1000	1450	1100	-	-
ALX150-UD100S	1	N	1650	2450	-	2375	-	2275	-	2150	-	2050	-	1875	-	1700	-	-	-
ALX150-UD033EC	1/3	Y	1100	1735	600	1594	579	1403	663	1157	767	-	-	-	-	-	-	-	-
ALX150-UD050EC	1/2	Y	1350	2003	581	1934	688	1754	680	1595	733	1389	823	1114	765	-	-	-	-
ALX150-UD075EC	3/4	Y	1550	2353	696	2261	711	2161	733	2048	674	1917	827	1751	940	1574	980	1269	1052
ALX150-UD100EC	1	Y	1700	2544	647	2462	643	2361	732	2276	680	2173	830	2050	940	1896	972	1496	1144
ALX165-UD150S	1 1/2	N	1650	3400	-	3300	-	3200	-	3000	-	2900	-	2800	-	2600	-	2200	-
ALX165-UD050EC	1/2	Y	1200	2595	861	2372	800	2155	921	1970	1068	1687	1155	-	-	-	-	-	-
ALX165-UD075EC	3/4	Y	1350	2965	861	2780	800	2579	921	2427	1068	2236	1155	1986	1318	1682	1405	-	-
ALX165-UD100EC	1	Y	1500	3179	878	3004	851	2816	921	2662	1068	2507	1155	2293	1318	2064	1405	1749	1524
ALX180-UD100EC	1	Y	1200	3400	1100	3200	1225	3000	1350	2700	1475	2400	1625	2025	1750	-	-	-	-
ALX210-UD100EC	1	Y	900	4300	1700	4000	1750	3725	1800	3400	1850	2900	1950	2200	2025	-	-	-	-

EC motors can be controlled using the built in potentiometer on motor or by using a 0 to 10 V controller, or by a remote potentiometer.

* Using MC5 (for 115V or MC5-230 (for 230V)

** Using MC10 (for 115V or MC5-230 (for 230V)

*** UL705 Only

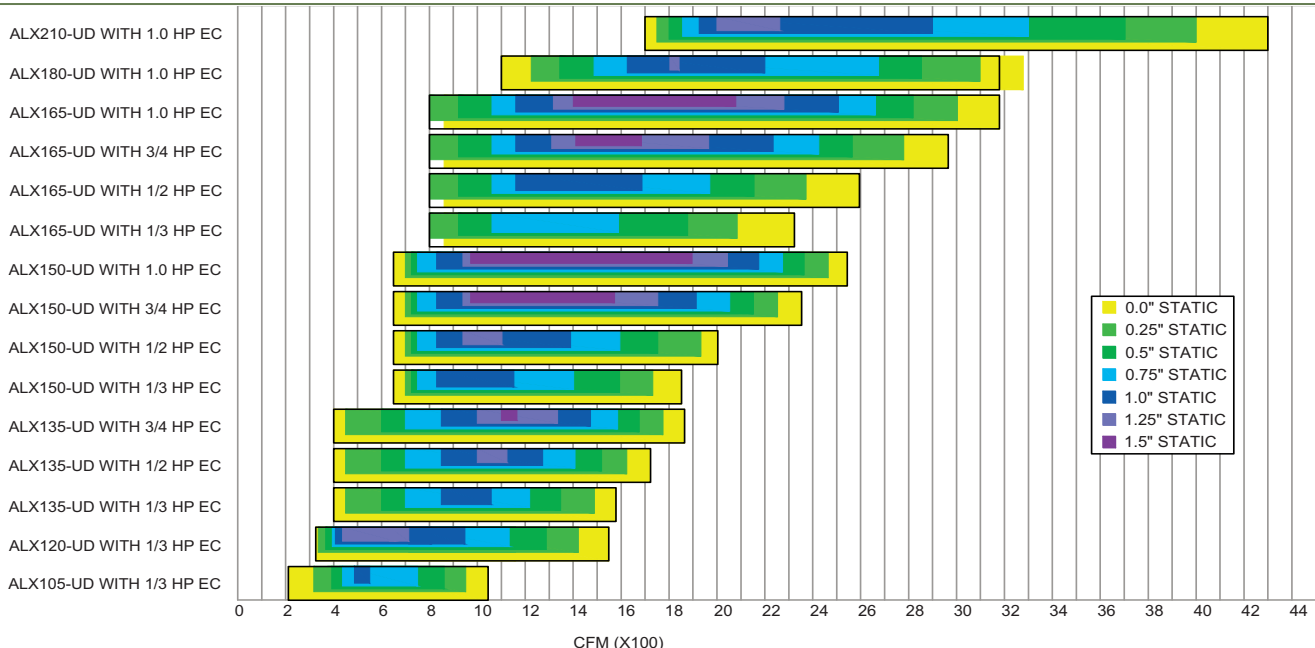
Minimum motor speed 425 RPM (EC Models)

Model	Motor			Airflow (CFM) @ Static Pressure															
	HP	Variable Speed	Max RPM	0" SP		1/4" SP		1/2" SP		3/4" SP		1" SP		1-1/4" SP		1-1/2" SP		1-3/4" SP	
				CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI
ALX150-UD100S	1	N	1650	2450	0.45	2375	0.67	2275	0.85	2150	1.01	2050	1.16	1875	1.25	1700	1.31	-	-
ALX150-UD100EC	1	Y	1700	2544	0.47	2462	0.69	2361	0.88	2276	1.06	2173	1.21	2050	1.34	1896	1.43	1496	1.33
ALX165-UD100EC	1	Y	1500	3179	0.53	3004	0.77	2816	0.97	2662	1.15	2507	1.3	2293	1.4	2064	1.46	1749	1.43
ALX180-UD100EC	1	Y	1200	3400	0.6	3200	0.86	3000	1.09	2700	1.24	2400	1.35	2025	1.36	-	-	-	-
ALX210-UD100EC	1	Y	900	4300	0.59	4000	0.85	3725	1.07	3400	1.23	2900	1.29	2200	1.19	-	-	-	-

Consult our Delair fan selection software for fan curves and performance data.

www.canarm.com/delair

ALX UPBLAST SERIES AIRFLOW RANGE WITH EC MOTORS



ALX-UB SERIES - UPBLAST BELT DRIVE SPUN ALUMINUM EXHAUSTERS



OPTIONS

- Motorized damper
- Gravity (automatic) damper
- Wall mount bracket (for all sizes up to 24")
- Bird screen
- Grease collection box (required for UL705 Power Ventilation for Restaurant Exhaust Appliances)
- Curb hinge
- Disconnect switches
- Roof curbs
- Other base (curb cap) options available. See C2 in dimensions table.

Ideal for exhausting air from restaurants, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Belt drive.
- For motor options consult our fan selection software Delair. www.canarm.com/delair
- Units up to 24" (max 2HP) can be wall mounted.
- Quick release latches for easy motor access.



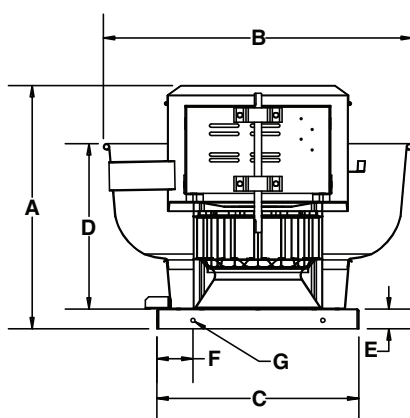
QUICK RELEASE LATCHES FOR EASY MOTOR ACCESS

DIMENSIONS

NOTE: DUE TO MOTOR MANUFACTURERS VARIANCES IN DESIGN, PLEASE SEE USER MANUAL FOR MOTOR DIMENSIONAL GUIDELINES.

MODEL	DIMENSIONS (INCHES)								Shaft Size	Wheel Diameter	Roof Opening	WEIGHT (lbs) without motors
	A	B	C	C2	D	E	F	G Ø				
ALX135-UB	25.25	32.13	21.00	24.75	17.13	2.00	3.75	0.44	3/4"	13.50	17.00	43
ALX150-UB	26.13	32.13	21.00	24.75	17.13	2.00	3.75	0.44	3/4"	15.00	17.00	45
ALX165-UB	31.13	37.50	24.75	28.00	21.13	2.00	4.00	0.44	3/4"	16.50	20.75	108
ALX180-UB	31.75	37.50	28.00	24.75	21.13	2.00	4.00	0.44	3/4"	18.25	20.75	116
ALX210-UB	36.25	43.75	33.13	40.00	25.50	2.50	4.00	0.44	1"	21.00	29.00	178
ALX245-UB	37.00	43.75	33.13	40.00	25.50	2.50	4.00	0.44	1"	24.50	29.00	183

Note: Net weights for belt drive units do not include motor & drives.



UL705 Supplement SC - Power Ventilator for Restaurant Exhaust Appliances certified, refer to our UL705 Supplement SC - Power Ventilator for Restaurant Exhaust Appliances Catalogue page C in *Roof Mount Ventilation* for all installation requirements



Canarm certifies that the ALX-UB Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.

The AMCA certified ratings seal applies to air and sound performance only. The ALX-UB Series shown herein are not approved by AMCA for FEI ratings.

DISCONNECT SWITCHES

- Wire disconnect switches are available. See Controls & Thermostats section for details.



ALX-UB SERIES - UPBLAST BELT DRIVE SPUN ALUMINUM EXHAUSTERS

PERFORMANCE SPECIFICATIONS

ALX UB WITH MOTORS & DRIVES and wired disconnect

Single Phase	RPM Range	HP	RPM	Values @ 0.5" SP		0" SP		0.25" SP		0.5" SP		0.75" SP		1" SP		1.25" SP		1.5" SP		
				BHP	Sones	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM
ALX135UBT10025**	862-1293	1/4	1078	0.15	8.6	1204	-	1053	-	870	-	-	-	-	-	-	-	-	-	-
ALX135UBT10033**	932-1398	1/3	1260	0.24	12.8	1405	-	1284	-	1143	-	964	-	-	-	-	-	-	-	-
ALX135UBT10050**	1122 - 1552	1/2	1458	0.36	16.5	1629	-	1523	-	1405	-	1274	-	1124	-	-	-	-	-	-
ALX150UBT10050**	932-1398	1/2	1288	0.41	20	1901	-	1801	-	1666	-	1470	-	1239	-	-	-	-	-	-
ALX150UBT10075**	1078-1617	3/4	1528	0.67	27	2261	-	2175	-	2079	-	1949	-	1786	-	1599	-	1364	-	-
ALX150UBT10100	1341-1820	1	1653	0.85	31	2443	0.40	2367	0.59	2280	0.76	2175	0.90	2040	1.02	1877	1.11	1705	1.16	-
ALX165UBT10100	1097-1489	1	1323	0.66	21	2598	0.53	2471	0.76	2350	0.97	2170	1.13	1954	1.24	1709	1.29	-	-	-
ALX165UBT10150	1254-1646	1.5	1554	1.03	26	3050	0.40	2929	0.58	2847	0.75	2724	0.90	2576	1.03	2391	1.12	2192	1.18	-
ALX180UBT10100	980-1293	1	1241	0.95	25	3504	0.48	3327	0.69	3114	0.87	2871	1.02	2584	1.11	2261	1.16	-	-	-
ALX180UBT10200	1097-1489	2	1403	1.35	30	3967	0.37	3805	0.55	3636	0.71	3438	0.84	3202	0.95	2952	1.03	2673	1.07	-
ALX210UBT10150	862-1132	1.5	1017	1.38	21	4792	0.43	4488	0.63	4152	0.78	3761	0.90	3321	0.97	2705	0.94	-	-	-
ALX245UBT10150	673-889	1.5	790	1.22	18.9	5668	0.56	5208	0.80	4655	0.97	3907	1.04	2998	1.00	-	-	-	-	-
ALX245UBT10200	745-979	2	862	1.58	22	6186	0.47	5772	0.68	5289	0.84	4678	0.95	3930	0.97	2975	0.89	-	-	-
ALX245UBT10300	862-1132	3	964	2.20	28	6913	0.38	6562	0.57	6146	0.72	5666	0.84	5075	0.91	4403	0.94	3588	0.90	-
Three Phase																				
ALX150UBT30100*	1341-1820	1	1653	0.85	31	2443	0.40	2367	0.59	2280	0.76	2175	0.90	2040	1.02	1877	1.11	1705	1.16	-
ALX165UBT30100*	1097-1489	1	1323	0.66	21	2598	0.53	2471	0.76	2350	0.97	2170	1.13	1954	1.24	1709	1.29	-	-	-
ALX165UBT30150*	1254-1646	1.5	1554	1.03	26	3050	0.40	2929	0.58	2847	0.75	2724	0.90	2576	1.03	2391	1.12	2192	1.18	-
ALX180UBT30100*	980-1293	1	1241	0.95	25	3504	0.48	3327	0.69	3114	0.87	2871	1.02	2584	1.11	2261	1.16	-	-	-
ALX180UBT30200*	1097-1489	2	1403	1.35	30	3967	0.37	3805	0.55	3636	0.71	3438	0.84	3202	0.95	2952	1.03	2673	1.07	-
ALX210UBT30150*	862-1132	1.5	1017	1.38	21	4792	0.43	4488	0.63	4152	0.78	3761	0.90	3321	0.97	2705	0.94	-	-	-
ALX245UBT30150*	673-889	1.5	790	1.22	18.9	5668	0.56	5208	0.80	4655	0.97	3907	1.04	2998	1.00	-	-	-	-	-
ALX245UBT30200*	745-979	2	862	1.58	22	6186	0.47	5772	0.68	5289	0.84	4678	0.95	3930	0.97	2975	0.89	-	-	-
ALX245UBT30300*	862-1132	3	964	2.20	28	6913	0.38	6562	0.57	6146	0.72	5666	0.84	5075	0.91	4403	0.94	3588	0.90	-

** 115V only. All other motors will be wired at high voltage.

For three phase motors, substitute "" with "M" for 230/460 volt (wired for 460V) or "P" for 575 volt

UL705 = 1Ø Only

ALX UB WITHOUT MOTORS & DRIVES

MODEL	MIN HP	MAX HP	MAX RPM	TYPICAL MAXIMUM CFM @ SP																	
				0"		0.25"		0.5"		0.75"		1"		1.25"		1.5"		2"		2.25"	
				CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI
ALX135-UB		3/4	1800	2000	0.59	1900	0.60	1800	0.79	1700	0.89	1600	0.99	1500	1.06	1400	1.09	-	-	-	-
ALX150-UB	1/4	1.5	1800	2700	0.97	2600	0.55	2500	0.70	2300	0.85	2200	0.94	2000	1.01	1800	1.07	1400	1.06	-	-
ALX165-UB	1/4	2	1800	3500	1.37	3400	0.49	3400	0.59	3300	0.69	3200	0.78	3000	0.87	2900	0.92	2500	1.01	2400	1.02
ALX180-UB	1/4	2	1500	4200	1.42	4100	0.53	3900	0.68	3800	0.77	3600	0.86	3300	0.93	3100	0.96	2500	1.01	1600	0.95
ALX210-UB	1/2	3	1300	6100	2.62	5900	0.42	5700	0.53	5400	0.64	5100	0.73	4800	0.81	4400	0.87	3600	0.93	2900	0.92
ALX245-UB	1/2	5	1200	7800	3.42	7500	0.42	7300	0.53	7000	0.64	6600	0.64	6200	0.80	5700	0.86	4500	0.91	3800	0.90

Consult our Delair fan selection software for full fan curves and performance data.
www.canarm.com/delair

* Motor adaptor plate required for 3HP+



View FEI charts
canarm.com/fei-alex

NEW | now with
EC MOTORS
for energy savings

ALX-DD & ALX-DD-EC SERIES DOWNBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS



QUICK RELEASE
LATCH FOR
EASY MOTOR
ACCESS



Ideal for exhausting air from factories, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

**FEATURING PERFECT
SPEED EC MOTORS - UP TO
82% EFFICIENCY**

**ENERGY SAVINGS OF UP
TO 70% OVER REGULAR
DUTY PSC MOTORS**



FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Available with PSC or EC Motors
- Variable speed PSC Motors available on ALX 090/105/120/135
- All motors are 1 Phase 120/240V operation and can be operated at 50 or 60 Hz.
- All units can be wall mounted.
- Quick release latches for easy motor access on ALX135 – ALX165.

EC MOTORS

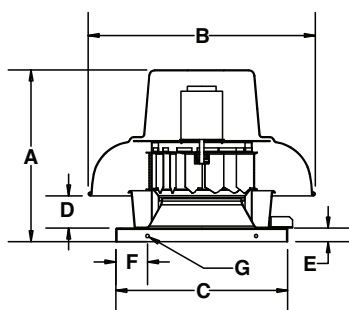
- EC motors offer true variable speed operation and up to 70% energy savings over PSC motors.
- On-board speed adjustment allows simple setup and balancing with LED display.
- Can be controlled remotely up to 50' using a remote mount potentiometer or 0-10V.

DIMENSIONS

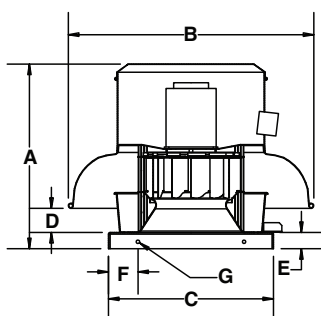
MODEL	DIMENSIONS (INCHES)										WEIGHT (lbs)
	A	B	C	C2	D	E	F	G Ø	Wheel Diameter	Roof Opening	
ALX090-DD	14.5	20.75	19	-	-	2	-	-	9	13	30
ALX105-DD	18.00	25.00	19.00	21.00	2.50	1.50	3.50	0.38	10.50	15.00	33
ALX120-DD	19.00	25.00	19.00	21.00	3.50	1.50	3.50	0.38	12.25	15.00	35
ALX135-DD	22.25	31.25	21.00	24.75	3.13	2.00	3.75	0.44	13.50	17.00	51
ALX150-DD	23.13	31.25	21.00	24.75	3.75	2.00	3.75	0.44	15.00	17.00	56
ALX165-DD	27.13	36.25	24.75	28.00	5.00	2.00	4.00	0.44	16.50	20.75	100
ALX180-DD*	31.75	36.25	28.00	24.75	5.50	2.00	4.00	0.44	18.25	20.75	114
ALX210-DD*	36.25	43.75	33.13	40.00	5.25	2.50	4.00	0.44	21.00	29.00	176

*EC motor option only

ALX105 / 120 - DD



ALX135 / 150 / 165 / 180 - DD



OPTIONS & ACCESSORIES

- Motorized damper
- Gravity (automatic) damper
- Wall mount bracket (for all sizes up to 24")
- Bird screen
- Curb hinge
- Disconnect switches
- Roof Curbs
- MC series solid state variable speed controls (ALX 150/120 and 135)
- Remote mount potentiometer (available soon - EC models)
- Other base (curb cap) options available. See C2 in dimensions table.



Canarm certifies that the ALX-DD Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.

The AMCA certified ratings seal applies to air and sound performance only. The ALX-DD Series shown herein are not approved by AMCA for FEI ratings.



ALX-DD & ALX-DD-EC SERIES - DOWNBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS

PERFORMANCE SPECIFICATIONS & CFM RATINGS

Model	Motor			Airflow (CFM) @ Static Pressure															
	HP	Variable Speed	Max RPM	0.0"		.25"		.5"		.75"		1.00"		1.25"		1.5"		1.75"	
				High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
ALX090-DD008V	1/12	Y	1650	500	250	425	100	300	100	-	-	-	-	-	-	-	-	-	-
ALX105-DD013V	1/8	Y*	1650	950	526	875	451	760	225	-	-	-	-	-	-	-	-	-	-
ALX105-DD033EC	1/3	Y	1800	1100	239	1003	335	877	396	729	460	486	486	-	-	-	-	-	-
ALX120-DD033V	1/3	Y*	1650	1300	977	1200	901	1000	751	800	601	600	451	-	-	-	-	-	-
ALX120-DD033EC	1/3	Y	1700	1544	341	1406	400	1279	436	1095	438	810	472	-	-	-	-	-	-
ALX120-DD050EC	1/2	Y	1800	1610	341	1477	400	1357	436	1201	438	955	472	571	484	-	-	-	-
ALX135-DD050V	1/2	Y	1650	1950	-	1900	-	1800	-	1650	-	1550	-	1400	-	1300	-	-	-
ALX135-DD033EC	1/3	Y	1350	1578	414	1469	494	1341	574	1194	750	1009	865	-	-	-	-	-	-
ALX135-DD050EC	1/2	Y	1550	1843	414	1747	494	1645	574	1530	750	1405	865	1258	919	-	-	-	-
ALX135-DD075EC	3/4	Y	1800	2150	414	2075	494	2000	574	1900	750	1700	865	1600	919	1450	977	-	-
ALX150-DD100S	1	N	1650	2600	-	2500	-	2400	-	2250	-	2075	-	1950	-	1775	-	-	-
ALX150-DD033EC	1/3	Y	1250	2000	570	1800	499	1525	633	1225	812	-	-	-	-	-	-	-	-
ALX150-DD050EC	1/2	Y	1200	2133	570	2003	499	1842	633	1640	812	1430	866	1175	879	-	-	-	-
ALX150-DD075EC	3/4	Y	1480	2700	570	2550	499	2350	633	2100	812	1925	866	1700	879	1420	1072	-	-
ALX150-DD100EC	1	Y	1700	2950	570	2800	499	2625	633	2450	812	2250	866	2050	879	1850	1072	2575	1116
ALX165-DD150S	1 1/2	N	1650	3500	-	3400	-	3200	-	3100	-	2900	-	2700	-	2600	-	2100	-
ALX165-DD033EC	1/3	Y	1100	2264	860	2034	825	1787	1044	1470	1194	-	-	-	-	-	-	-	-
ALX165-DD050EC	1/2	Y	1250	2529	860	2328	825	2115	1044	1861	1194	1568	1320	-	-	-	-	-	-
ALX165-DD075EC	3/4	Y	1450	2909	860	2731	825	2546	1044	2362	1194	2132	1320	1879	1441	-	-	-	-
ALX165-DD100EC	1	Y	1600	3250	860	3100	825	3000	1044	2850	1194	2650	1320	2500	1441	2350	1545	-	-
ALX180-DD100EC	1	Y	1200	3800	1300	3625	1380	3325	1450	3000	1550	2650	1650	2200	1750	-	-	-	-
ALX210-DD100EC	1	Y	900	4400	1800	4000	1825	3600	1875	3200	1900	2400	1925	-	-	-	-	-	-

EC motors can be controlled using the built in potentiometer on motor or by using a 0 to 10 V controller, or by a remote potentiometer.

* Using MC5 (for 115V or MC5-230 (for 230V)

** Using MC10 (for 115V or MC5-230 (for 230V)

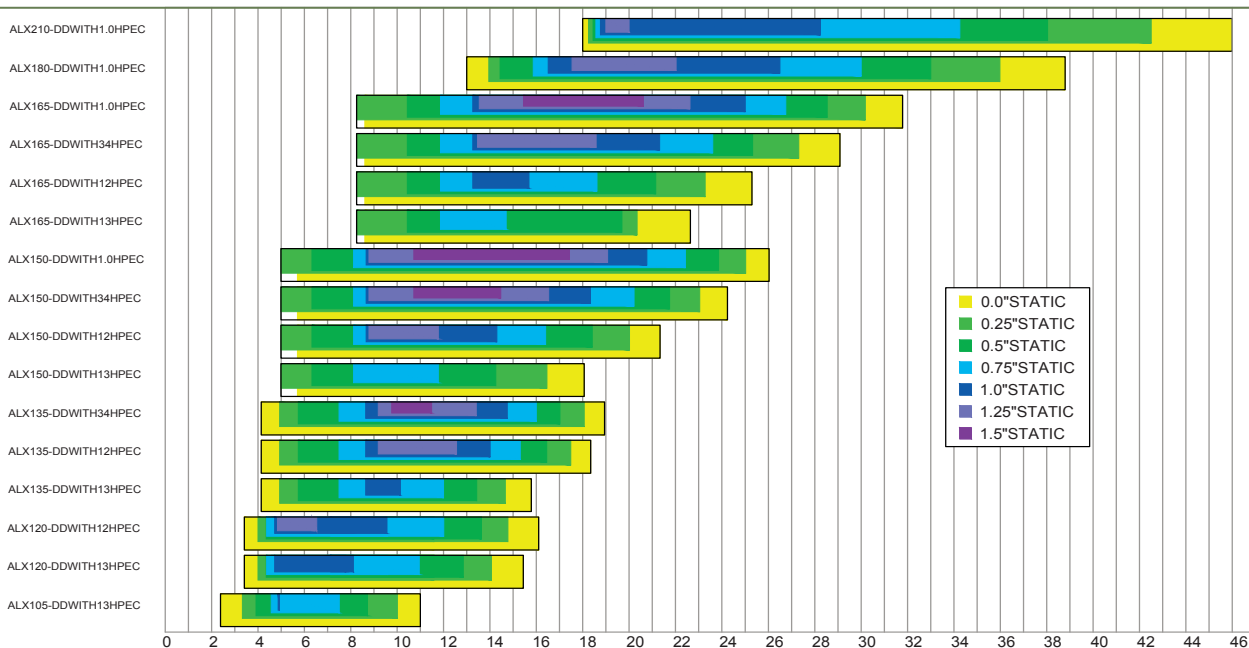
Minimum motor speed 425 RPM (EC Models)

Model	Motor			Airflow (CFM) @ Static Pressure															
	HP	Variable Speed	Max RPM	0" SP		1/4" SP		1/2" SP		3/4" SP		1" SP		1-1/4" SP		1-1/2" SP		1-3/4" SP	
				CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI
ALX150-DD100S	1	N	1650	2600	0.58	2500	0.85	2400	1.08	2250	1.28	2075	1.43	1950	1.57	1775	1.66	-	-
ALX150-DD100EC	1	Y	1700	2950	0.64	2800	0.92	2625	1.16	2450	1.37	2250	1.52	2050	1.64	1850	1.71	2575	2.5
ALX165-DD100EC	1	Y	1600	3250	0.55	3100	0.79	3000	1.03	2850	1.23	2650	1.38	2500	1.52	2350	1.65	-	-
ALX180-DD100EC	1	Y	1200	3800	0.51	3625	0.75	3325	0.93	3000	1.07	2650	1.15	2200	1.15	-	-	-	-
ALX210-DD100EC	1	Y	900	4400	0.63	4000	0.89	3600	1.08	3200	1.22	2400	1.15	-	-	-	-	-	-

Consult our Delair fan selection software for fan curves and performance data.

www.canarm.com/delair

ALX DOWNBLAST SERIES AIRFLOW RANGE WITH EC MOTORS





ALX-DB SERIES - DOWNBLAST BELT DRIVE SPUN ALUMINUM EXHAUSTERS

Ideal for exhausting air from factories, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Belt drive
- For motor options consult our fan selection software Delair.
www.canarm.com/delair
- Units up to 24" (max 2HP) can be wall mounted.
- Quick release latches for easy motor access.
- Standard bird screen.



OPTIONS & ACCESSORIES

- Motorized damper
- Gravity (automatic) damper
- Wall mount bracket (for all sizes up to 24")
- Roof curb
- Disconnect switch
- Hinge kits
- VFD for 3 phase motors
- Other base (curb cap) options available. See C2 in dimensions table.



QUICK RELEASE LATCH FOR EASY MOTOR ACCESS

DIMENSIONS

NOTE: DUE TO MOTOR MANUFACTURERS VARIANCES IN DESIGN, PLEASE SEE USER MANUAL FOR MOTOR DIMENSIONAL GUIDELINES.

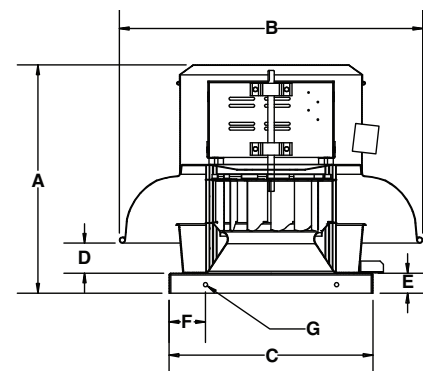
MODEL	DIMENSIONS (INCHES)											WEIGHT (lbs) without motors
	A	B	C	C2	D	E	F	G Ø	Shaft Size	Wheel Diameter	Roof Opening	
ALX135-DB	25.25	31.25	21.00	24.75	3.13	2.00	3.75	0.44	3/4"	13.50	17.00	41
ALX150-DB	26.13	31.25	21.00	24.75	3.75	2.00	3.75	0.44	3/4"	15.00	17.00	43
ALX165-DB	31.13	36.25	24.75	28.00	5.00	2.00	4.00	0.44	3/4"	16.50	20.75	106
ALX180-DB	31.75	36.25	28.00	24.75	5.50	2.00	4.00	0.44	3/4"	18.25	20.75	114
ALX210-DB	36.25	43.75	33.13	40.00	5.25	2.50	4.00	0.44	1"	21.25	29.00	176
ALX245-DB	37.00	43.75	33.13	40.00	5.88	2.50	4.00	0.44	1"	24.50	29.00	181

Note: Net weights for belt drive units do not include motor & drives.



Canarm certifies that the ALX-DB Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.

The AMCA certified ratings seal applies to air and sound performance only. The ALX-DB Series shown herein are not approved by AMCA for FEI ratings.





ALX-DB SERIES - DOWNBLAST BELT DRIVE SPUN ALUMINUM EXHAUSTERS

PERFORMANCE SPECIFICATIONS

ALX DB WITH MOTORS & DRIVES and wired disconnect

Single Phase	RPM Range	HP	RPM	Values @ 0.5" SP		0" SP		0.25" SP		0.5" SP		0.75" SP		1" SP		1.25" SP		1.5" SP		
				BHP	Sones	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM
ALX135DBT10025**	862-1293	1/4	1091	0.18	9.6	1303	-	1162	-	967	-	-	-	-	-	-	-	-	-	-
ALX135DBT10033**	932-1398	1/3	1255	0.27	12.9	1498	-	1383	-	1226	-	1050	-	-	-	-	-	-	-	-
ALX135DBT10050**	1121 - 1552	1/2	1441	0.4	16.3	1722	-	1623	-	1501	-	1351	-	1191	-	-	-	-	-	-
ALX150DBT10050**	932-1398	3/4	1185	0.35	16.6	1856	-	1708	-	1497	-	1143	-	-	-	-	-	-	-	-
ALX150DBT10075**	1078-1617	3/4	1401	0.56	23	2196	-	2072	-	1920	-	1732	-	1548	-	1297	-	-	-	-
ALX150DBT10100	1340-1820	1	1515	0.7	26	2376	0.47	2264	0.68	2132	0.86	1964	0.99	1792	1.10	1604	1.17	1353	1.16	
ALX165DBT10100	1097-1489	1	1249	0.61	21	2600	0.57	2509	0.83	2300	1.03	2089	1.18	1828	1.26	1427	1.21	-	-	
ALX165DBT10150	1254-1646	1.5	1455	0.94	26	3100	0.43	2993	0.64	2800	0.80	2630	0.95	2427	1.06	2204	1.14	1980	1.18	
ALX180DBT10100	980-1293	1	1111	0.83	21	3682	0.56	3420	0.80	3090	0.99	2706	1.10	2239	1.12	-	-	-	-	
ALX180DBT10200	1097-1489	2	1242	1.14	27	4089	0.45	3878	0.65	3605	0.82	3296	0.95	3966	1.32	2526	1.05	1936	0.96	
ALX210DBT10150	862-1132	1.5	977	1.12	19.3	4860	0.53	4551	0.77	4104	0.94	3570	1.04	2920	1.05	-	-	-	-	
ALX245DBT10150	673-889	1.5	800	1.38	19.4	5910	0.51	5415	0.73	4759	0.88	4068	0.96	3170	0.93	-	-	-	-	
ALX245DBT10200	745-979	2	871	1.76	23	6428	0.44	5979	0.63	5404	0.77	4794	0.87	4080	0.91	-	-	-	-	
ALX245DBT10300	862-1132	3	973	2.44	27	7188	0.36	6797	0.53	6313	0.67	5761	0.77	5231	0.85	4563	0.88	3769	0.85	
Three Phase																				
ALX150DBT30100*	1340-1820	1	1515	0.7	26	2376	0.47	2264	0.68	2132	0.86	1964	0.99	1792	1.10	1604	1.17	1353	1.16	
ALX165DBT30100*	1097-1489	1	1249	0.61	21	2600	0.57	2509	0.83	2300	1.03	2089	1.18	1828	1.26	1427	1.21	-	-	
ALX165DBT30150*	1254-1646	1.5	1455	0.94	26	3100	0.43	2993	0.64	2800	0.80	2630	0.95	2427	1.06	2204	1.14	1980	1.18	
ALX180DBT30100*	980-1293	1	1111	0.83	21	3682	0.56	3420	0.80	3090	0.99	2706	1.10	2239	1.12	-	-	-	-	
ALX180DBT30200*	1097-1489	2	1242	1.14	27	4089	0.45	3878	0.65	3605	0.82	3296	0.95	3966	1.32	2526	1.05	1936	0.96	
ALX210DBT30150*	862-1132	1.5	977	1.12	19.3	4860	0.53	4551	0.77	4104	0.94	3570	1.04	2920	1.05	-	-	-	-	
ALX245DBT30150*	673-889	1.5	800	1.38	19.4	5910	0.51	5415	0.73	4759	0.88	4068	0.96	3170	0.93	-	-	-	-	
ALX245DBT30200*	745-979	2	871	1.76	23	6428	0.44	5979	0.63	5404	0.77	4794	0.87	4080	0.91	-	-	-	-	
ALX245DBT30300*	862-1132	3	973	2.44	27	7188	0.36	6797	0.53	6313	0.67	5761	0.77	5231	0.85	4563	0.88	3769	0.85	

** 115V only. All other motors will be wired at high voltage.

*For three phase motors, substitute "**" with "M" for 230/460 volt (wired for 460V) or "P" for 575 volt

UL705 = 1Ø Only

ALX DB WITHOUT MOTORS & DRIVES

MODEL	MIN HP	MAX HP	MAX RPM	TYPICAL MAXIMUM CFM @ SP																	
				0"		0.25"		0.5"		0.75"		1"		1.25"		1.5"		2"		2.25"	
				CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI	CFM	FEI
ALX135-DB		3/4	1800	2200	0.41	2100	0.59	2000	0.74	1800	0.91	1700	0.98	1500	1.09	1400	1.13	1000	1.07	-	-
ALX150-DB	1/4	1	1800	2600	0.38	2500	0.53	2300	0.68	2200	0.77	2000	0.87	1800	0.94	1600	0.98	1200	0.93	800	0.84
ALX165-DB	1/4	2	1800	3700	0.32	3600	0.46	3500	0.58	3300	0.71	3200	0.78	3000	0.87	2900	0.91	2600	1.00	2400	1.02
ALX180-DB	1/4	2	1500	4200	0.35	4100	0.48	3900	0.61	3700	0.71	3500	0.80	3300	0.86	3100	0.91	2500	0.97	2100	0.96
ALX210-DB	1/2	3	1300	5700	0.34	5700	0.47	5500	0.59	5200	0.70	4900	0.79	4500	0.87	4100	0.93	2900	0.94	1800	0.89
ALX245-DB	1/2	5	1200	8800	0.25	8500	0.37	8200	0.46	7800	0.55	7300	0.63	6900	0.69	6500	0.74	5400	0.80	4700	0.82

Consult our Delair fan selection software for fan curves and performance data.
Download Delair at www.canarm.com/delair

* Motor adaptor plate required for 3HP+



View FEI charts
canarm.com/fei-alx

RTA-SH - SMOKE & HEAT REMOVAL BELT DRIVE ROOF EXHAUSTERS

Belt drive, heavy duty construction ideal for industrial & commercial applications.



RTA-SH model suitable for normal use in clean, dry air with a maximum ambient temperature of 93° C (200° F).

RTA-SH is designed to exhaust smoke in the event of a fire. It is in compliance with smoke control systems requirements of 500°F for 4 hours and 1000°F for 15 minutes. Two spring loaded arms are released when temperatures reach above 165°F to force open the dampers.

SPECIFICATIONS To order RWTA models, replace "RTA" with "RWTA" in the table below.

BLADE DIAMETER	MODEL #		FAN RPM	H.P.	0" S.P.		1/4" S.P.		1/2" S.P.		3/4" S.P.		1" S.P.		Min. CFM	dBA @ 10Ft.
	SINGLE PHASE	THREE PHASE			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP		
42"	RTA42SHT10200	RTA42SHT30200*	770	2	19920	1.65	15080	1.80	-	-	-	-	-	-	14000	61
	RTA42SHT10300	RTA42SHT30300*	895	3	22840	2.60	19620	2.80	14940	2.9	-	-	-	-	14000	65
	RTA42SHT10500	RTA42SHT30500*	1005	5	25980	3.66	23230	3.89	19980	4.01	-	-	-	-	14000	67
	RTA42SHT10750	RTA42SHT30750*	1205	7.5	31520	6.26	29530	6.54	27040	6.78	24230	6.89	20270	7.07	14000	72
	RTA42SHT11000	RTA42SHT31000*	1335	10	35170	8.49	33410	8.76	31270	9.08	29020	9.32	26230	9.39	14000	75
48"	RTA48SHT10300	RTA48SHT30300*	745	3	24330	2.55	20510	2.76	-	-	-	-	-	-	18000	63
	RTA48SHT10500	RTA48SHT30500*	885	5	29440	4.10	26370	4.46	22380	4.72	-	-	-	-	18000	67
	RTA48SHT10750	RTA48SHT30750*	1005	7.5	33850	5.93	31080	6.47	28330	6.81	24740	6.96	-	-	18000	71
	RTA48SHT11000	RTA48SHT31000*	1105	10	37270	7.89	34760	8.54	32520	8.99	29760	9.11	26140	9.29	18000	73
	--	RTA48SHT31500*	1265	15	42900	11.70	40860	12.30	38790	13.13	36270	13.54	34290	13.66	18000	76
54"	RTA54SHT10500	RTA54SHT30500*	710	5	37130	4.26	31680	4.67	-	-	-	-	-	-	23000	68
	RTA54SHT10750	RTA54SHT30750*	810	7.5	42890	6.20	38660	6.85	33210	6.99	25390	6.87	-	-	23000	71
	RTA54SHT11000	RTA54SHT31000*	905	10	48450	8.54	44640	9.41	40140	9.73	34980	9.78	27220	9.53	23000	74
	--	RTA54SHT31500*	1025	15	55520	12.10	52110	12.92	48280	13.81	44310	14.17	39660	14.22	23000	78

FEATURES

- TEFC, ball bearing motor is out of air stream and is accessible from the roof
- Galvanized steel wind-band and rain-proof butterfly dampers.
- Heavy duty pulleys and belts out of air stream

HIGH HEAT FEATURES

- Heavy gauge steel prop
- High heat cast iron pillow block bearings (out of air stream), complete with external grease fittings
- 500° F for 4 hours and 1000° F for 15 minutes
- Arms rated for snow load of 10 lbs/ft²

DIMENSIONS

MODEL #	A Dia.	B Dia.	C Sq.	D	E	F	G
RTA-SH42	42 3/8"	48 5/8"	48"	2 1/2"	2	27	27
RTA-SH48	48 1/2"	54 5/8"	54"	2 1/2"	2	30	31
RTA-SH54	54 1/2"	60 5/8"	60"	2 1/2"	2	36	40

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt

BHP does not include drive losses

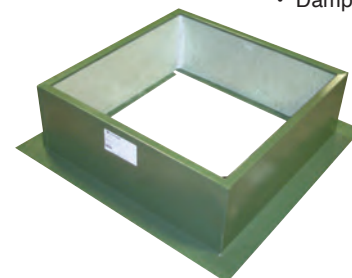
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

ACCESSORIES

RC ROOF CURB

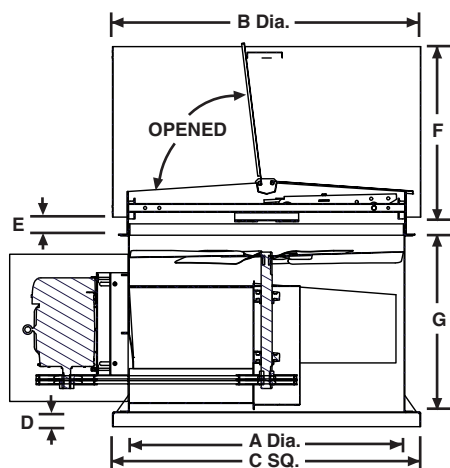
- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges
- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL NUMBER
42"	RC42
48"	RC48
54"	RC54



DISCONNECT SWITCHES

- Wire disconnect switches are available. See **Controls & Thermostats** section for details.



Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.

RTA - BELT DRIVE ROOF EXHAUSTERS

Belt drive, heavy duty construction ideal for industrial & commercial applications.

SPECIFICATIONS

To order RWTA models, replace "RTA" with "RWTA" in the table below.



RTA model suitable for use in clean, dry air with a maximum ambient temperature of 93° C (200° F).

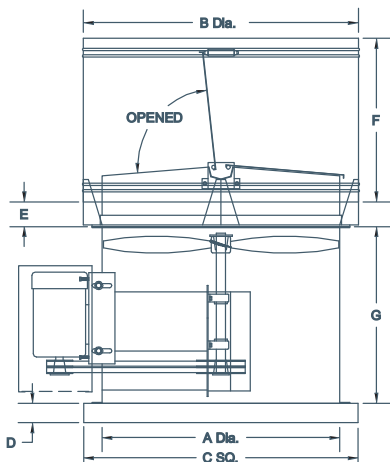
RWTA models are suitable for use in moisture laden air with a maximum ambient temperature of 93° C (200° F). They feature a Teflon shaft seal, poly housing bearings and stainless steel insert.

FEATURES

- TEFC, ball bearing motor is out of air stream and is accessible from the roof, maximum ambient temperature of 40° C (104° F).
- Galvanized steel wind-band and rain-proof butterfly dampers.
- Cast iron pillow block bearings (out of air stream), complete with external grease fittings.
- Cast aluminum blades on 12" to 48" sizes.
- Polypropylene blades reinforced with fiberglass on 54" to 60" sizes.
- Heavy duty pulleys and belts out of air stream

DIMENSIONS

MODEL #	A Dia.	B Dia.	C Sq.	D	E	F	G
RTA18	18 3/8"	24 5/8"	24"	2 1/2"	2	17	18
RTA24	24 3/8"	30 5/8"	30"	2 1/2"	2	19	21
RTA30	30 3/8"	36 5/8"	36"	2 1/2"	2	23	21
RTA36	36 3/8"	42 5/8"	42"	2 1/2"	2	25	27
RTA42	42 3/8"	48 5/8"	48"	2 1/2"	2	27	27
RTA48	48 1/2"	54 5/8"	54"	2 1/2"	2	30	31
RTA54	54 1/2"	60 5/8"	60"	2 1/2"	2	36	40
RTA60	60 1/2"	66 5/8"	68"	2 1/2"	2	36	40



Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.



BLADE DIAMETER	MODEL #		FAN RPM	H.P.	0" S.P.		1/4" S.P.		1/2" S.P.		3/4" S.P.		1" S.P.		Min. CFM	dBA @ 10 Ft.
	SINGLE PHASE	THREE PHASE			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP		
18"	RTA18T10075A	RTA18T30075A*	1556	3/4	3930	0.40	3540	0.45	2830	0.49	-	-	-	-	2600	59
	RTA18T10075B	RTA18T30075B*	1785	3/4	4530	0.58	4210	0.65	3780	0.73	-	-	-	-	2600	62
	RTA18T10100	RTA18T30100*	1920	1	4890	0.72	4610	0.79	4250	0.86	3680	0.94	-	-	2600	64
	RTA18T10150	RTA18T30150*	2255	1.5	5790	1.15	5550	1.23	5300	1.76	4990	1.40	4530	1.49	2600	68
	RTA18T10200	RTA18T30200*	2510	2	6490	1.59	6280	1.68	6030	1.76	5960	1.86	5510	1.96	2600	72
24"	RTA24T10075	RTA24T30075*	1180	3/4	6325	0.64	5360	0.70	-	-	-	-	-	4700	58	
	RTA24T10100	RTA24T30100*	1295	1	7020	0.84	6180	0.91	5020	0.96	-	-	-	4700	61	
	RTA24T10150	RTA24T30150*	1475	1.5	8090	1.22	7390	1.32	6550	1.38	5380	1.42	-	4700	65	
	RTA24T10200	RTA24T30200*	1620	2	8960	1.60	8330	1.71	7620	1.79	6740	1.86	5460	1.88	4700	67
	RTA24T10300	RTA24T30300*	1890	3	10670	2.49	10060	2.63	9460	2.79	8910	2.84	8240	2.94	4700	72
30"	RTA30T10100	RTA30T30100*	965	1	10050	0.86	8100	0.92	-	-	-	-	-	7300	59	
	RTA30T10150	RTA30T30150*	1095	1.5	11650	1.26	10130	1.34	7860	1.37	-	-	-	7300	62	
	RTA30T10200	RTA30T30200*	1225	2	13170	1.74	11930	1.85	10210	1.92	-	-	-	7300	65	
	RTA30T10300	RTA30T30300*	1380	3	14910	2.48	13930	2.60	12620	2.69	10980	2.74	8240	2.74	7300	67
	RTA30T10500	RTA30T30500*	1635	5	17850	4.08	17160	4.25	16100	4.38	14960	4.48	13570	4.58	7300	72
36"	RTA36T10200	RTA36T30200*	910	2	16650	1.80	13980	1.86	-	-	-	-	-	10000	63	
	RTA36T10300	RTA36T30300*	1045	3	19220	2.72	17550	2.80	14440	2.8	-	-	-	10000	66	
	RTA36T10500	RTA36T30500*	1245	5	23610	4.56	21780	4.68	19870	4.75	17380	4.75	12980	4.68	10000	71
	RTA36T10750	RTA36T30750*	1425	7.5	27110	6.81	25790	6.95	22410	7.09	22260	7.13	20080	7.13	10000	75
	RTA42T10200	RTA42T30200*	770	2	19920	1.65	15080	1.80	-	-	-	-	-	14000	61	
42"	RTA42T10300	RTA42T30300*	895	3	22840	2.60	19620	2.80	14940	2.9	-	-	-	14000	65	
	RTA42T10500	RTA42T30500*	1005	5	25980	3.66	23230	3.89	19980	4.01	-	-	-	14000	67	
	RTA42T10750	RTA42T30750*	1205	7.5	31520	6.26	29530	6.54	27040	6.78	24230	6.89	20270	7.07	14000	72
	RTA42T11000	RTA42T31000*	1335	10	35170	8.49	33410	8.76	31270	9.08	29020	9.32	26230	9.39	14000	75
	RTA48T10300	RTA48T30300*	745	3	24330	2.55	20510	2.76	-	-	-	-	-	18000	63	
48"	RTA48T10500	RTA48T30500*	885	5	29440	4.10	26370	4.46	22380	4.72	-	-	-	18000	67	
	RTA48T10750	RTA48T30750*	1005	7.5	33850	5.93	31080	6.47	28330	6.81	24740	6.96	-	18000	71	
	RTA48T11000	RTA48T31000*	1105	10	37270	7.89	34760	8.54	32520	8.99	29760	9.11	26140	9.29	18000	73
	--	RTA48T31500*	1265	15	42900	11.70	40860	12.30	38790	13.13	36270	13.54	34290	13.66	18000	76
	RTA54T10500	RTA54T30500*	710	5	37130	4.26	31680	4.67	-	-	-	-	-	23000	68	
54"	RTA54T10750	RTA54T30750*	810	7.5	42890	6.20	38660	6.85	33210	6.99	25390	6.87	-	23000	71	
	RTA54T11000	RTA54T31000*	905	10	48450	8.54	44640	9.41	40140	9.73	34980	9.78	27220	9.53	23000	74
	--	RTA54T31500*	1025	15	55520	12.10	52110	12.92	48280	13.81	44310	14.17	39660	14.22	23000	78
60"	RTA60T10750	RTA60T30750*	690	7.5	51240	6.45	45760	7.18	35770	7.09	-	-	-	29000	68	
	RTA60T11000	RTA60T31000*	755	10	56770	8.48	51490	9.21	40470	9.43	31650	8.72	-	29000	70	
	--	RTA60T31500*	870	15	66320	12.52	61710	13.80	56720	14.43	49520	14.34	38320	13.51	29000	74
--	RTA60T32000*	955	20	73090	16.62	68880	17.70	65690	18.78	59270	18.80	52250	18.83	29000	76	

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt BHP does not include drive losses

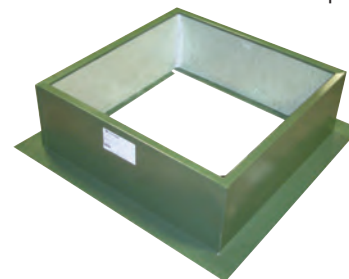
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

ACCESSORIES

RC ROOF CURB

- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges
- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL NUMBER
18"	RC18
24"	RC24
30"	RC30
36"	RC36
42"	RC42
48"	RC48
54"	RC54
60"	RC60

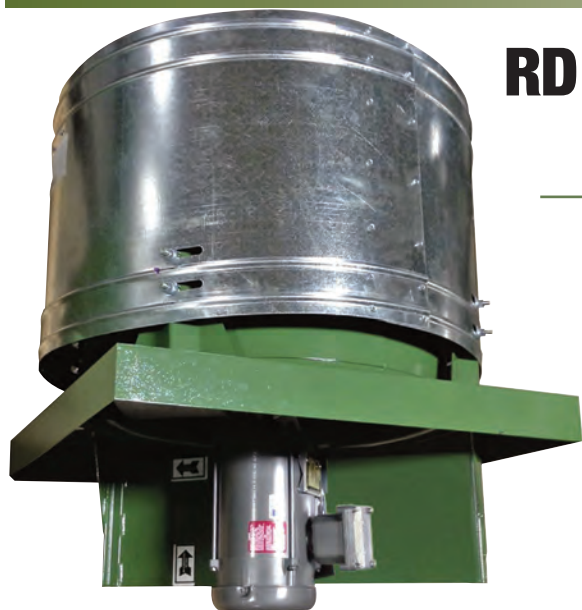


DISCONNECT SWITCHES

- Wire disconnect switches are available. See Controls & Thermostats section for details.

RD - DIRECT DRIVE ROOF EXHAUSTERS

Sturdily constructed - ideal for industrial and commercial applications.

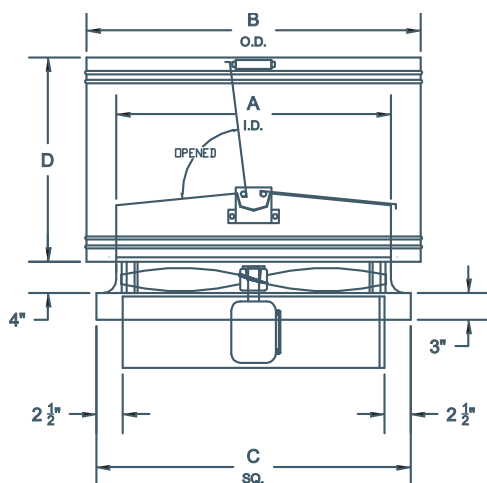


FEATURES

- Heavy duty galvanized blades.
- Galvanized steel wind-band and rain-proof butterfly dampers that rotate easily on brass bushings.
- TEFC, ball bearing motor is in the air stream, within the building, maximum ambient temperature of 40°C (104°F).
- Not recommended for dirty or dust laden applications.

DIMENSIONS

MODEL #	A I.D.	B O.D.	C SQ.	D
RD24	25"	31 1/2"	29 1/2"	19"
RD30	31"	37 1/2"	35 1/2"	22"
RD36	37"	43 1/2"	41 1/2"	25"
RD42	43"	49 1/2"	47 1/2"	27"
RD48	49"	55 1/2"	53 1/2"	30"



SPECIFICATIONS

BLADE DIAMETER	MODEL #		FAN RPM	H.P.	0" S.P.		1/8" S.P.		1/4" S.P.		3/8" S.P.		Min. CFM	dBA @ 10Ft.
	SINGLE PHASE	THREE PHASE			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP		
	24"	RD24T10075C	RD24T30075C*	1140	3/4	6549	0.74	6017	0.78	5527	0.83	-	-	4700
24"	RD24T10100B	RD24T30100B*	1725	1	6761	0.89	6453	0.93	6128	1.00	5792	1.09	4700	81
	RD24T10300B	RD24T30300B*	1725	3	9909	2.57	9558	2.62	9207	2.68	8886	2.75	4700	84
30"	--	RD30T30150C*	1140	1.5	11600	1.31	10925	1.40	10193	1.49	9127	1.59	7300	79
	RD30T10500B	RD30T30500B*	1725	5	17552	4.53	17106	4.66	16661	4.80	16215	4.94	7300	90
36"	--	RD36T30200D*	860	2	16364	1.87	15172	1.99	13864	2.08	11597	2.15	10000	80
	--	RD36T30500C*	1140	5	21692	4.35	20793	4.52	19893	4.69	18903	4.80	10000	88
42"	--	RD42T30500C*	1140	5	23209	3.04	22619	3.29	21962	3.52	21019	3.70	14000	85
	--	RD42T30750C*	1140	7.5	32476	7.70	31490	7.70	30518	7.76	29586	8.02	14000	88
48"	--	RD48T30750D*	860	7.5	35654	5.93	33411	6.06	31857	6.34	30219	6.62	18000	89
	--	RD48T30750C*	1140	7.5	32564	4.95	31677	5.35	30688	5.68	29636	5.99	18000	92

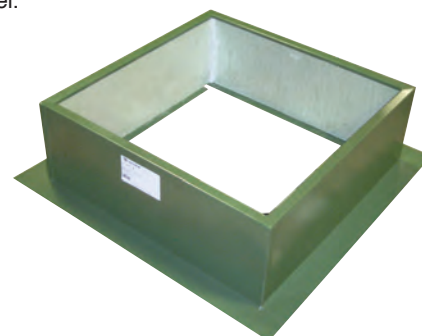
For three phase motors, substitute "*" with "M" for 208-230/460 volt or "P" for 575 volt
 BHP does not include drive losses
 dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

ACCESSORIES

RC ROOF CURB

- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges
- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL NUMBER
18"	RC18
24"	RC24
30"	RC30
36"	RC36
42"	RC42
48"	RC48
54"	RC54
60"	RC60



DISCONNECT SWITCHES

- Wire disconnect switches are available.
 See **Controls & Thermostats** section for details.



Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.

RB - BELT DRIVE ROOF EXHAUSTERS

Sturdily constructed belt drive roof exhausters ideal for industrial and commercial applications.

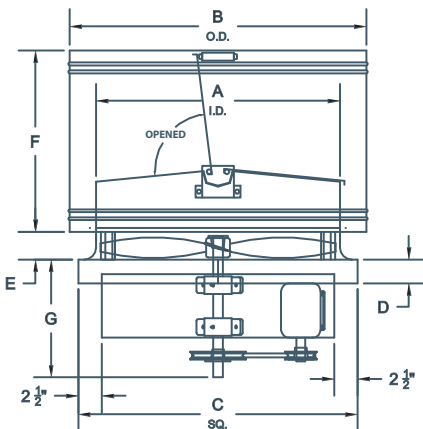


FEATURES

- TEFC, ball bearing motor, maximum ambient temperature 40° C (104° F).
- Heavy duty galvanized blades.
- Galvanized steel wind-band and rain-proof butterfly dampers that rotate easily on brass bushings.
- Cast iron pillow block bearings.
- Heavy duty pulleys and belts.
- Not recommended for dirty or dust laden applications.

DIMENSIONS

MODEL #	A Dia.	B Dia.	C Sq.	D	E	F	G (MAX.)
RB24	25"	31 1/2"	29 1/2"	3"	4"	19"	18 1/2"
RB30	31"	36 1/2"	35 1/2"	3"	4"	22"	18 1/2"
RB36	37"	43 1/2"	41 1/2"	3"	4"	25"	18 1/2"
RB42	43"	49 1/2"	47 1/2"	3"	4"	27"	18 1/2"
RB48	49"	55 1/2"	53 1/2"	3"	4"	30"	18 1/2"
RB54	55"	61 1/2"	59 1/2"	3"	4"	36"	21"
RB60	61"	70"	68"	2"	5"	42"	21"



Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.

SPECIFICATIONS

BLADE DIAMETER	MODEL #		FAN RPM	H.P.	0" SP		1/8" SP		1/4" SP		3/8" SP		MIN. CFM	Dba @ 5 Ft.
	SINGLE PHASE	THREE PHASE			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP		
	24"	RB24T10075	RB24T30075*	1090	3/4	6261	0.65	5706	0.68	5135	0.73	-	-	4700
30"	RB24T10100	RB24T30100*	1190	1	6836	0.84	6327	0.88	5893	0.93	5035	0.97	4700	74
	RB24T10150	RB24T30150*	1370	1.5	7870	1.29	7428	1.33	7018	1.38	6565	1.44	4700	78
	RB24T10200	RB24T30200*	1510	2	8674	1.72	8273	1.77	7876	1.82	7549	1.89	4700	81
	RB30T10075	RB30T30075*	875	3/4	8903	0.59	8019	0.66	-	-	-	-	7300	71
36"	RB30T10100	RB30T30100*	965	1	9819	0.79	9022	0.87	7951	0.96	-	-	7300	73
	RB30T10150	RB30T30150*	1005	1.5	11244	1.19	10548	1.28	9775	1.37	8605	1.47	7300	78
	RB30T10200	RB30T30200*	1220	2	12414	1.60	11783	1.70	11136	1.80	10285	1.91	7300	82
	RB30T10300	RB30T30300*	1405	3	14296	2.45	13749	2.56	13201	2.67	12588	2.79	7300	85
42"	RB36T10100	RB36T30100*	660	1	12559	0.84	10953	0.93	-	-	-	-	10000	72
	RB36T10150	RB36T30150*	750	1.5	14271	1.24	12898	1.35	11091	1.41	-	-	10000	75
	RB36T10200	RB36T30200*	835	2	15888	1.71	14661	1.84	13302	1.91	10747	1.97	10000	78
	RB36T10300	RB36T30300*	940	3	17886	2.44	16796	2.58	15636	2.69	14293	2.76	10000	83
48"	RB42T10200	RB42T30200*	685	2	19514	1.67	17906	1.73	16111	1.89	13318	1.97	14000	78
	RB42T10300	RB42T30300*	780	3	22220	2.47	20794	2.50	19341	2.68	17561	2.87	14000	83
	RB42T10500	RB42T30500*	925	5	26351	4.11	25136	4.11	23977	4.29	22681	4.51	14000	88
	RB42T10750	RB42T30750*	1080	7.5	30767	6.55	29726	6.55	28710	6.65	27726	6.89	14000	91
54"	RB48T10200	RB48T30200*	565	2	23424	1.68	20606	1.82	-	-	-	-	18000	77
	RB48T10300	RB48T30300*	640	3	26533	2.45	23933	2.59	21489	2.80	18256	2.97	18000	
	RB48T10500	RB48T30500*	745	5	30886	3.86	28495	4.00	26703	4.24	24279	4.48	18000	86
	RB48T10750	RB48T30750*	870	7.5	36068	6.14	33835	6.27	32299	6.55	30723	6.83	18000	90
60"	RB54T10300	RB54T30300*	530	3	30080	2.46	27332	2.58	24060	2.82	-	-	23000	79
	RB54T10500	RB54T30500*	625	5	35472	4.03	33139	4.21	30532	4.41	27599	4.72	23000	84
	RB54T10750	RB54T30750*	720	7.5	40863	6.16	38809	6.44	36754	6.52	34382	6.84	23000	88
	RB54T11000	RB54T31000*	795	10	45120	8.29	43236	8.67	41484	8.67	39344	8.99	23000	91
60"	RB60T10500	RB60T30500*	520	5	42969	4.22	38510	4.50	34050	4.78	-	-	29000	72
	RB60T10750	RB60T30750*	595	7.5	49167	6.32	45269	6.64	41372	6.96	35070	7.02	29000	87
	RB60T11000	RB60T31000*	650	10	53172	8.24	50144	8.59	46576	8.94	43008	9.28	29000	89
	--	RB60T31500*	745	15	61562	12.41	58449	12.80	55336	13.20	52223	13.60	29000	92

For three phase motors, substitute "*" with "M" for 230/460 volt (if 208V required please specify) or "P" for 575 volt
 BHP does not include drive losses
 dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

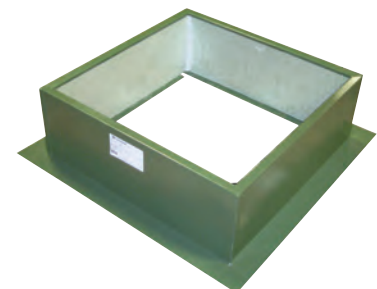
ACCESSORIES

RC ROOF CURB

- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges

- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL NUMBER
18"	RC18
24"	RC24
30"	RC30
36"	RC36
42"	RC42
48"	RC48
54"	RC54
60"	RC60



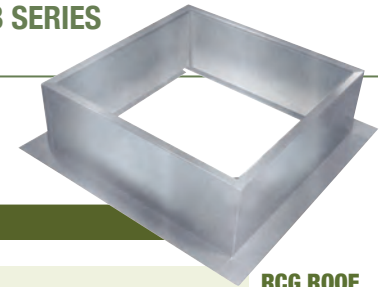
DISCONNECT SWITCHES

- Wire disconnect switches are available.
 See Controls & Thermostats section for details.

ROOF CURBS

GALVANIZED ROOF CURBS - NON-VENTED - FOR 300, 700, SIS, ALX, SB-SBRM & SD-SDUB SERIES (Non-vented) 18" High (RCG) or 12" High (RCGL)

- RCG are 18" high
- RCGL are 12" high
- 18 gauge galvanized steel construction
- 1 3/4" flanges
- Insulated curbs available (RCGI or RCGLI)
- Shipped fully assembled



Part # (Non-Insulated)	Part # (Insulated)	Curb OD Dimension sq	Curb fits Models
RCG17.5 / RCGL17.5	RCGI17.5 / RCGLI17.5	17.5"	ALX105, ALX120, SD-SDUB-10, SD-SDUB-12
RCG18.5 / RCGL18.5	RCGI18.5 / RCGLI18.5	18.5"	307
RCG19.5 / RCGL19.5	RCGI19.5 / RCGLI19.5	19.5"	ALX135, ALX150, SB-SBRM-13, SD-SDUB-30, SD-SDUB-33, SD-SDUB-50, ALX105-C2, ALX120-C2
RCG22.5 / RCGL22.5	RCGI22.5 / RCGLI22.5	22.5"	309,709,SIS-09
RCG23.25 / RCGL23.25	RCGI23.25 / RCGLI23.25	23.25"	ALX165, SB-SBRM-15, SD-SDUB-85, ALX135-C2, ALX150-C2, ALX-180-C2
RCG26.5 / RCGL26.5	RCGI26.5 / RCGLI26.5	26.5"	ALX180, SIS-10, SB-SBRM-18, ALX165-C2
RCG30.5 / RCGL30.5	RCGI30.5 / RCGLI30.5	30.5"	312,712,715, SIS-12, SIG-12, SIG-15
RCG31.5 / RCGL31.5	RCGI31.5 / RCGLI31.5	31.5"	ALX210, ALX245, SB-SBRM-24
RCG34.5 / RCGL34.5	RCGI34.5 / RCGLI34.5	34.5"	315,718,SIS-15,SIS-18
RCG38.5 / RCGL38.5	RCGI38.5 / RCGLI38.5	38.5"	318, SB-SBRM-30, ALX210-C2, ALX245-C2, ALX300
RCG42.5 / RCGL42.5	RCGI42.5 / RCGLI42.5	42.5"	SIS-20, ALX360, SB-SBRM36

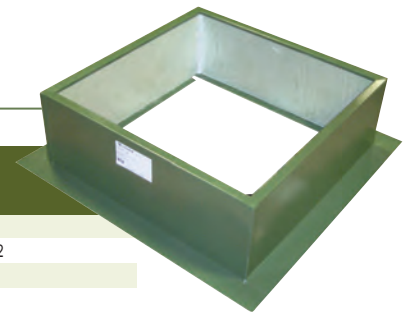
Please note Galvanized Curbs (RCG's) are for UL 705 only.
For UL762 the curb must be vented and be a minimum of 40" from roof to outlet - use RCGV curbs (below)

ROOF CURBS FOR RTA, RB OR RD

- 16 gauge galvanized or painted steel construction
- RC are insulated, painted, with 3" flanges and damper shelf
- RCG are non-insulated, galvanized, with 1 3/4" flanges
- RCGL are insulated, galvanized, with 1 3/4" flanges
- All are 10 1/4" high
- Non-vented
- Shipped fully assembled

ROOF CURBS FOR RTA, RB & RD SERIES (Non-vented) 10 1/4" High

Part #	Part #	UL762 Curb Height	Curb OD Dimension sq	Curb fits Models
Vented 18" high (RCGV) Vented 12" high (RCGVL)	To meet UL762			
RCGV17.5 / RCGVL17.5	RCGVH17.5	27"	17.5"	ALX105,ALX120, SD-SDUB-10, SD-SDUB-12
RCGV19.5 / RCGVL19.5	RCGVH19.5	25"	19.5"	ALX135, ALX150, SB-SBRM-13, SD-SDUB-30, SD-SDUB-33, SD-SDUB-50, HRE-13, ALX105-C2, ALX105-C2
RCGV23.25 / RCGVL23.25	RCGV23.25	18"	23.25"	ALX165, SB-SBRM-15, SD-SDUB-85, HRE-16, ALX135-C2, ALX150-C2, ALX180-C2
RCGV26.5 / RCGVL26.5	RCGV26.5	18"	26.5"	ALX180, SB-SBRM-18, HRE-20, ALX165-C2
RCGV31.5 / RCGVL31.5	RCGV31.5	18"	31.5"	ALX210, ALX245, SB-SBRM-24, HRE-24
RCGV38.5 / RCGVL38.5	RCGV38.5	18"	38.5"	SB-SBRM-30, AXL210-C2, ALX245-C2, ALX300



VENTED ROOF CURBS FOR ALX, SB-SBRM & SD-SDUB

- UL762 requires vents and minimum 40" from roof to outlet
- Curb height varies to meet UL762 (see table below)
- RCGV are 18" high
- RCGVL are 12" high
- RCGVH vary to meet UL762
- 18 gauge galvanized steel construction
- 1 3/4" flanges
- Non-insulated
- Shipped fully assembled



(Vented) RCGV ROOF CURBS FOR ALX, SB-SBRM & SD-SDUB SERIES

Part #	Part #	UL762 Curb Height	Curb OD Dimension sq	Curb fits Models
Vented 18" high (RCGV) Vented 12" high (RCGVL)	To meet UL762			
RCGV17.5 / RCGVL17.5	RCGVH17.5	27"	17.5"	ALX105, ALX120, SD-SDUB-10, SD-SDUB-12
RCGV19.5 / RCGVL19.5	RCGVH19.5	25"	19.5"	ALX135, ALX150, SB-SBRM-13, SD-SDUB-30, SD-SDUB-33, SD-SDUB-50, HRE-13, ALX105-C2, ALX105-C2
RCGV23.25 / RCGVL23.25	RCGV23.25	18"	23.25"	ALX165, SB-SBRM-15, SD-SDUB-85, HRE-16, ALX135-C2, ALX150-C2, ALX180-C2
RCGV26.5 / RCGVL26.5	RCGV26.5	18"	26.5"	ALX180, SB-SBRM-18, HRE-20, ALX165-C2
RCGV31.5 / RCGVL31.5	RCGV31.5	18"	31.5"	ALX210, ALX245, SB-SBRM-24, HRE-24
RCGV38.5 / RCGVL38.5	RCGV38.5	18"	38.5"	SB-SBRM-30, AXL210-C2, ALX245-C2, ALX300

RCGV ROOF CURB

PW SERIES

Direct Drive Pressure Blower

For high static applications.

Ideal for moving non-abrasive particles such as dust or fume exhaust.



FEATURES

- Wheels are constructed of heavy cast aluminum with straight radial blades.
- Wheels are self cleaning, dynamically balanced and designed for efficient operations.
- Welded 16 gauge steel housings and motor bases.
- TEFC motors are standard.
- Comes as clockwise rotation, bottom horizontal discharge (can be rotated at 45°+ increments).

PERFORMANCE SPECIFICATIONS

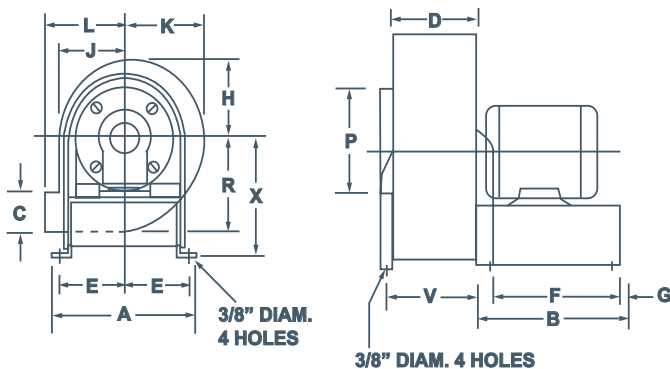
MODEL			H.P.	MOTOR FRAME	RPM	CFM @ STATIC PRESSURE																dBA @ 5 FT	
SINGLE PHASE	THREE PHASE 208/230/460	THREE PHASE 575				1/4"	1/2"	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	7"	8"	9"	10"	11"		12"
PW-8S	PW-8M	PW-8P	1/3	56	3600	283	274	256	237	216	192	165	129	70	--	--	--	--	--	--	74		
PW-9S	PW-9M	PW-9P	3/4	56	3600	475	465	445	423	399	374	346	316	282	195	--	--	--	--	--	77		
PW-11S	PW-11M	PW-11P	1.5	56	3600	786	772	746	719	692	664	635	606	575	508	431	329	--	--	--	84		
PW-12S	PW-12M	PW-12P	3	182T	3600	1185	1171	1145	1117	1090	1062	1033	1004	974	911	842	765	672	549	--	90		
PW-14S	PW-14M	PW-14P	5	182T	3600	--	--	--	--	--	--	--	--	--	1685	1587	1482	1367	1236	1081	874	474	92
PW-14SX-7.5**	PW-14MX-7.5**	PW-14PX-7.5**	7.5	213	3600	2100	2070	2037	1995	1952	1909	1866	1822	1777	1685	1587	1482	1367	1236	1081	874	474	92
MODEL PW: EXPLOSION PROOF DIRECT DRIVE PRESSURE BLOWERS																							
PW-8SX	PW-8MX	--	1/3	56	3600	283	274	256	237	216	192	165	129	70	--	--	--	--	--	--	74		
PW-9SX	PW-9MX	--	3/4	56	3600	475	465	445	423	399	374	346	316	282	195	--	--	--	--	--	77		
PW-11SX	--	--	1.5	56	3600	786	772	746	719	692	664	635	606	575	508	431	329	--	--	--	84		
--	PW-11MX**	PW-12PX**	1.5	143T	3600	786	772	746	719	692	664	635	606	575	508	431	329	--	--	--	84		
PW-12SX	PW-12MX	PW-12PX	3	182T	3600	1185	1171	1145	1117	1090	1062	1033	1004	974	911	842	765	672	549	--	90		
PW-14SX	PW-14MX	PW-14PX	5	182T	3600	--	--	--	--	--	--	--	--	--	1685	1587	1482	1367	1236	1081	874	474	92
PW-14SX-7.5**	PW-14MX-7.5**	PW-14PX-7.5**	7.5	213	3600	2100	2070	2037	1995	1952	1909	1866	1822	1777	1685	1587	1482	1367	1236	1081	874	474	92

* Fan should not be run at static pressure less than shown in above table, motor overload will result. dBA ratings shown are measured at 0" static pressure, and should be used as a guideline only.

** Special order models.

DIMENSIONS

BLOWER	WHEEL	A	B	C	D	E	F	G	H	J	K	L	P	R	X	V
PW-8	7 3/4" x 2 1/4"	11"	8"	3"	3"	5"	7"	1/2"	5 3/8"	4 7/8"	5 7/8"	5 7/8"	4"	6 5/8"	9"	--
PW-9	9" x 2 3/4"	12 1/8"	8"	3 1/2"	3 1/2"	5 5/8"	7"	1/2"	6 3/8"	5 3/4"	6 7/8"	6 3/4"	5"	7 1/2"	9 7/8"	--
PW-11	10 5/8" x 3"	14 3/4"	9"	4"	3 1/2"	6 7/8"	7 1/2"	3/4"	7 1/4"	6 1/2"	8"	7 5/8"	6"	8 5/8"	11 3/4"	--
PW-12	12 1/2" x 3"	17"	8"	5"	4"	8"	6 1/2"	3/4"	8 1/4"	7 1/2"	9"	9 5/8"	7"	10"	10 5/8"	--
PW-14	13 1/2" x 4 3/8"	17 5/8"	11 1/4"	7 1/8"	5 3/4"	8"	9 3/4"	1"	10 1/2"	9 5/8"	11 3/8"	11"	8"	11 1/2"	12 5/8"	7 1/4"



RELATED PRODUCTS



KE SERIES
Direct Drive Radial Blade Blowers



D SERIES
Direct Drive Forward Curved Blowers



KE SERIES

Direct Drive Radial Blade Blower

For high static applications or greenhouse inflation or exhaust.
Ideal for environments where air is laden with dust, grit or any other lightweight foreign material.

FEATURES

- Wheels are constructed of heavy cast aluminum with straight radial blades.
- Wheels are self cleaning, dynamically balanced and designed for efficient operations.
- Welded 16 gauge steel housings and motor bases.
- TEFC motors are standard.
- Comes as clockwise rotation, bottom horizontal discharge (can be rotated at 45° increments).

PERFORMANCE SPECIFICATIONS

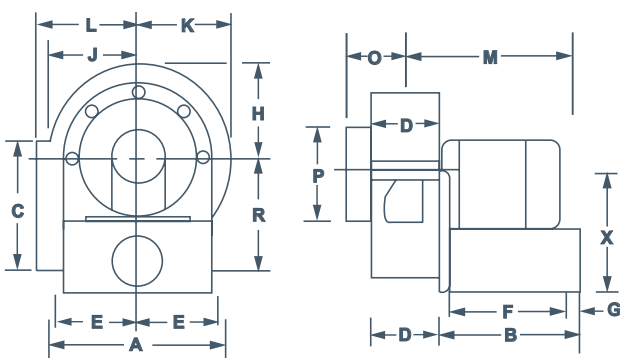
MODEL						CFM @ STATIC PRESSURE														dBA @ 5 FT
SINGLE PHASE	THREE PHASE 208/230/460	THREE PHASE 575	H.P.	MOTOR FRAME	RPM	0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"		
KE-08S	KE-08M	KE-08P	1/3	56	1750	550	510	470	425	365	275	150	--	--	--	--	--	--	64	
KE-09S	KE-09M	KE-09P	1/3	56	1750	880	825	765	705	635	565	480	200	--	--	--	--	--	69	
KE-11S	KE-11M	KE-11P	1/2	56	1750	1430	1380	1335	1275	1225	1165	1100	945	730	430	--	--	--	75	
KE-12S	KE-12M	KE-12P	1	56	1750	2375	2300	2220	2140	2060	1975	1890	1700	1485	1185	750	350	--	79	
KE-14S	KE-14M	KE-14P	2	145T	1750	3420	3325	3230	3125	3025	2925	2820	2595	2350	2045	1620	1010	640	81	
MODEL KE: EXPLOSION PROOF DIRECT DRIVE RADIAL BLADE BLOWERS																				
KE-08SX	KE-08MX	KE-08PX	1/3	56	1750	550	510	470	425	365	275	150	--	--	--	--	--	--	64	
KE-09SX	KE-09MX	KE-09PX	1/3	56	1750	880	825	765	705	635	565	480	200	--	--	--	--	--	69	
KE-11SX	KE-11MX	KE-11PX	1/2	56	1750	1430	1380	1335	1275	1225	1165	1100	945	730	430	--	--	--	75	
KE-12SX	KE-12MX	KE-12PX	1	56	1750	2375	2300	2220	2140	2060	1975	1890	1700	1485	1185	750	350	--	79	
--	KE-14MX	KE-14PX	2	145T	1750	3420	3325	3230	3125	3025	2925	2820	2595	2350	2045	1620	1010	640	81	

dBA ratings shown are measured at 0" static pressure, and should be used as a guideline only.

DIMENSIONS

BLOWER	WHEEL	A	B	C	D	E	F	G	H	J	K	L	M*	O	P	R	X
KE-08	7 3/4" x 4"	11"	8"	8 1/4"	5 3/8"	5"	7"	1/2"	6"	4 5/8"	6 3/4"	6 7/8"	10 3/4"	3 3/4"	8"	8"	8 1/2"
KE-09	9" x 5"	12 1/8"	8"	10 3/4"	6 1/2"	5 5/8"	7"	1/2"	6 3/4"	5 5/8"	7 3/4"	7 1/8"	11 3/4"	4 5/16"	9"	9 1/4"	9 7/8"
KE-11	10 7/8" x 5 5/8"	14 3/4"	9"	11 3/4"	8"	6 7/8"	7 1/2"	3/4"	8"	6 3/4"	9 1/8"	8 1/8"	13 1/4"	5 1/16"	10"	10 3/4"	11 3/4"
KE-12	12 1/2" x 7 1/2"	16 3/8"	10 1/2"	13 1/4"	9 5/8"	7 3/8"	8 3/4"	1"	10 1/8"	8 1/2"	11 1/2"	10 1/2"	15 3/16"	6 3/8"	13 1/4"	13 1/4"	17"
KE-14	13 1/2" x 8 1/8"	17 5/8"	10 1/2"	14 5/8"	10 3/4"	8"	8 3/4"	1"	11 1/8"	9 3/8"	12 5/8"	11 3/8"	16 7/8"	7"	14 1/2"	14 5/8"	17"

* Dimensions may vary depending on type of motor used.



Clockwise rotation, bottom horizontal discharge shown.

Mounting holes are 3/8" diameter on all models up to KE-11 and 9/16" on the KE-12 and KE-14.

RELATED PRODUCTS



PW SERIES
Direct Drive Pressure Blowers



D SERIES
Direct Drive Forward Curved Blowers



D SERIES

Direct Drive Forward Curved Blower

For low static environments.
Ideal for light duty exhaust applications.

FEATURES

- Wheels are forward curved steel, dynamically balanced and designed for efficient operation.
- Welded 16 gauge steel housings and motor bases.
- TEFC motors are standard.
- Comes as clockwise rotation, bottom horizontal discharge (can be rotated at 45° increments).

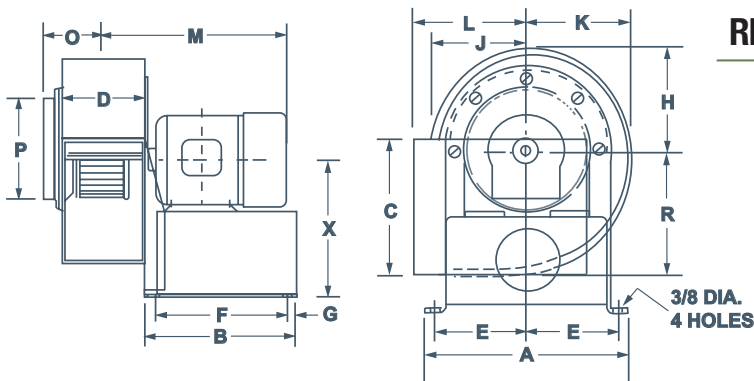
PERFORMANCE SPECIFICATIONS

SINGLE PHASE	MODEL			H.P.	RPM	CFM @ STATIC PRESSURE												dBA @ 5 FT
	THREE PHASE 208/230/460	THREE PHASE 575				0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	
D6AAS	D6AAM	D6AAP	1/3	1140	330	250	100	--	--	--	--	--	--	--	--	--	--	51
D6ABS	D6ABM	D6ABP	1/3	1750	560	515	470	420	300	300	--	--	--	--	--	--	--	53
D8AS	D8AM	D8AP	1/3	1140	680	620	535	430	--	--	--	--	--	--	--	--	--	55
D8CS	D8CM	D8CP	1/3	1750	1085	1050	1005	960	865	865	750	580	--	--	--	--	--	57
D9CS	D9CM	D9CP	1/3	1140	1160	1125	1090	1035	855	855	--	--	--	--	--	--	--	56
D9FS	D9FM	D9FP	1	1750	--	--	--	1720	1675	1675	1620	1550	1445	1290	1100	--	--	58
D11ES	D11EM	D11EP	3/4	1140	1970	1870	1800	1710	1500	1500	1290	1020	--	--	--	--	--	61
D11GS	D11GM	D11GP	1 1/2	1750	--	--	--	--	--	--	--	--	1840	1730	1600	1450	1280	63

* Fan should not be run at static pressure less than shown in above table, motor overload will result.
dBA ratings shown are measured at 0" static pressure, and should be used as a guideline only.

DIMENSIONS

BLOWER	WHEEL	BORE	A	B	C	D	E	F	G	H	J	K	L	M*	O	P	R	X	WEIGHT (LBS) (LESS MOTOR)
D6AA	6 1/4" X 3"	5/8"	9 3/8"	8"	7 3/8"	4 1/4"	4 1/4"	7"	1/2"	5"	4"	6"	5"	11 5/8"	3 1/8"	6"	7 1/8"	9"	13
D6AB	6 1/4" X 3"	5/8"	9 3/8"	8"	7 3/8"	4 1/4"	4 1/4"	7"	1/2"	5"	4"	6"	5"	11 5/8"	3 1/8"	6"	7 1/8"	9"	13
D8A	7 3/4" X 3 7/8"	5/8"	11"	8"	8 1/4"	5 3/8"	5"	7"	1/2"	6"	4 5/8"	6 3/4"	6 7/8"	12 1/2"	3 3/4"	8"	8"	9"	18
D8C	7 3/4" X 3 7/8"	5/8"	11"	8"	8 1/4"	5 3/8"	5"	7"	1/2"	6"	4 5/8"	6 3/4"	6 7/8"	12 1/2"	3 3/4"	8"	8"	9"	18
D9C	9" X 4 1/2"	5/8"	12 1/8"	8"	10 3/4"	6 1/2"	5 5/8"	7"	1/2"	6 3/4"	5 5/8"	7 3/4"	7 1/8"	13"	4 3/8"	9"	9 1/4"	9 7/8"	25
D9F	9" X 4 1/2"	5/8"	12 1/8"	8"	10 3/4"	6 1/2"	5 5/8"	7"	1/2"	6 3/4"	5 5/8"	7 3/4"	7 1/8"	14 1/4"	4 3/8"	9"	9 1/4"	9 7/8"	25
D11E	10 5/8" X 5 1/4"	5/8"	14 3/4"	11 1/2"	11 3/4"	8"	6 7/8"	10"	3/4"	8"	6 3/4"	9 1/8"	8 1/8"	15 1/2"	5"	10"	10 3/4"	11 1/4"	36
D11G	10 5/8" X 4"	5/8"	14 3/4"	11 1/2"	11 3/4"	5 7/8"	6 7/8"	10"	3/4"	8"	6 3/4"	9 1/8"	8 1/8"	14 5/8"	4"	10"	10 3/4"	11 1/4"	36



RELATED PRODUCTS



PW SERIES
Direct Drive Pressure Blowers



KE SERIES
Direct Drive Radial Blade Blowers



D530



D507

D500 SERIES

Direct Drive Utility Blowers

FEATURES

- Designed for easy installations in common applications requiring moderate air quantities (up to 650 CFM) in low static systems (up to .75" W.G.).
- Available in CCW rotation only (as viewed from motor side).
- Use WM-13M solid state motor speed control to reduce CFM on Model D530.
- Use 3 speed selector for Low, Medium & High speed on D507.
- Ideal for applications where low noise levels are a "must" since the motor is out of the air stream and the blower can be remotely located.

PERFORMANCE SPECIFICATIONS

MODEL	TYPICAL MAXIMUM CFM @ SP					
	1/8" SP	1/4" SP	3/8"	1/2"	5/8"	3/4"
D530	230	210	190	160	--	--
D507 - LOW	410	375	340	315	225	--
D507 - MED	495	460	390	355	300	--
D507 - HIGH	640	570	470	405	350	--

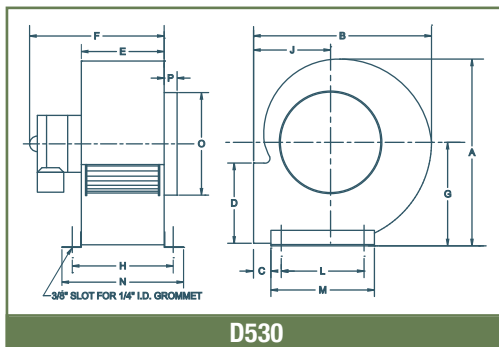
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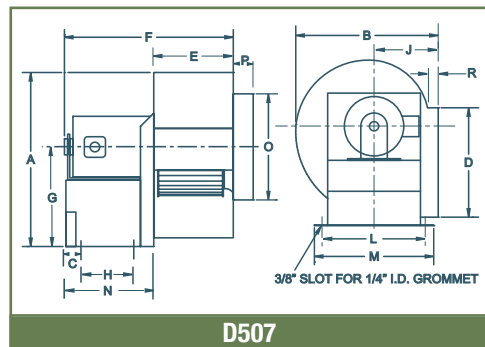
MODEL FEATURES

FEATURES	D530	D507
120V, 60 Hz CSA approved single speed shaded pole motor, continuous duty, suitable for use with WM-13 speed controller.	•	
120V, 60 Hz CSA approved 3 speed resilient mount PSC BALL BEARING motor.		•
Pre-lubricated bearings - no further lubrication required.	•	•
Built in automatic reset thermal protector.	•	•
Mount in horizontal or vertical position.	•	
Rotate housing on base for any of 8 discharge positions, keeping shaft horizontal.		•
Conduit wiring box.	•	•
Duct collar inlet.	•	•
Quiet operating forwardly curved zinc coated blower wheel.	•	•
Base slotted for 4 rubber blower feet	•	•
Rugged steel blower housings with baked green enamel finish.	•	•
Motor side access plate for motor and wheel servicing removal.	•	

DIMENSIONS



D530



D507

OPTIONS

MOTOR SPEED CONTROL

MODEL D530 - Use a # WM-13M (Part # 8890016) solid state control to lower the motor speed and reduce the air flow up to the % of full capacity listed: **D530 - 45%**
MODELS D507 - Use a 3 speed switch to select High (1050 RPM), Medium (850 RPM) or Low (740 RPM) operation.

MODEL	MOTOR RPM	A	B	D	E	F	H	L	M	N	O	WEIGHT (lbs) without motor
D530	1550	9 3/4"	9 1/8"	3 7/8"	4"	8 1/4"	4 7/8"	5"	6"	5 7/8"	4 7/8"	8
D507	1050	13 1/8"	12 1/4"	8 1/4"	6"	14"	5"	8"	9"	6 5/8"	7 7/8"	24

U SERIES PORTABLE UTILITY FAN



U series utility fans - formerly known as FANTRAXX smoke ejectors - are ideal for many utility applications and have been designed to meet fire service needs.

The units are available in various configurations and sizes to satisfy almost any application. These fans produce high volumes of air in compact and efficient designs. Sizes range from 12" up to 24" blade diameters. Available with totally enclosed or explosion proof motors ranging in size from 1/3HP to 1/2HP. Entire fan assemblies are certified as shown.

All **U series utility fans** are finished in a tough powder coat finish with cadmium plated safety guards. All motors are ball bearing and require no maintenance. Voltages other than those listed (including 50HZ) are available. Consult factory. All units are equipped with 6 feet of cord with a plug (explosion proof units are minus plug). Available accessories include hanger bars and hooks, collar adaptors, flexible hoses, hose connectors and misting adaptor kits.

FEATURES

- Available in 12" to 18" sizes.
- Totally enclosed ball bearing motor and explosion proof models available.
- Powder coated housing.
- Fans come complete with 6 foot 115V cord and plug (explosion proof motors come without a plug).

Heavy duty models also available. See next page.



SPECIFICATIONS

		MODEL	MOTOR	HP	RPM	VOLTAGE	FULL LOAD AMPERAGE (115)	CFM	WEIGHT (LBS)	FAN DIMENSIONS
BLADE DIAMETER	12"	U12-1	Totally enclosed	1/3	1725	115	3.8	1620	40	14 1/8" H X 14 1/8" W X 17" L
	16"	U16-1	Totally enclosed	1/3	1725	115	3.8	3151	49	19 1/8" H X 19 1/8" W X 17" L
		U16-4	Explosion proof	1/3	1725	115	6.8	3151	54	
	18"	U18-1	Totally enclosed	1/3	1725	115	3.8	3700	52	21 3/8" H X 21 3/8" W X 17" L
		U18-4	Explosion proof	1/3	1725	115	6.8	3700	57	

All Explosion Proof Fans have a single speed, dual voltage explosion proof motor that meets and conforms to all the standards that are listed below.

CLASS I, GROUP C *Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.*

CLASS I, GROUP D *Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses or vapors of equivalent hazard.*

CLASS II GROUP E *Atmospheres containing Aluminum, Magnesium and other metal dusts with similar characteristics.*

CLASS II GROUP F *Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.*

CLASS II GROUP G *Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.*

ACCESSORIES

- Hanger Bars/Hooks
- Flexible Hose
- Hose Connectors
- Collar Adaptors
- Utility Guards

For more information on accessories, see Portable Utility Fan & U Series Accessories.



U SERIES PORTABLE UTILITY FAN - HEAVY DUTY MODELS



U series utility fans - formerly known as FANTRAXX smoke ejectors - are ideal for many utility applications and have been designed to meet fire service needs.

The units are available in various configurations and sizes to satisfy almost any application. These fans produce high volumes of air in compact and efficient designs. Sizes range from 12" up to 24" blade diameters. Available with totally enclosed or explosion proof motors ranging in size from 1/3HP to 1/2HP. Entire fan assemblies are certified as shown.

NOTE: HD models are not ETL certified.

All **U series utility fans** are finished in a tough powder coat finish with cadmium plated safety guards. All motors are ball bearing and require no maintenance. Voltages other than those listed (including 50HZ) are available. Consult factory. All units are equipped with 6 feet of cord with a plug (units with explosion proof motors are minus plug). Available accessories include hanger bars and hooks, collar adaptors, flexible hoses, hose connectors and misting adaptor kits.

FEATURES

- Available in 16" to 24" sizes.
- Totally enclosed ball bearing motor and explosion proof models available.
- Powder coated housing.
- Fans come complete with 6 foot 115V cord and plug (units with explosion proof motors come without a plug).

For standard duty models please see previous page.

SPECIFICATIONS

	MODEL	MOTOR	HP	RPM	VOLTAGE	FULL LOAD AMPERAGE (115)	CFM	WEIGHT (LBS)	FAN DIMENSIONS
16"	U16-1HD	Totally enclosed	1/2	1725	115/230	8.8	3740	64	19 1/8" H X 19 1/8" W X 17" L
	U16-4HD	Explosion proof	1/2	1725	115/230	8.0	3740	83	
18"	U18-1HD	Totally enclosed	3/4	1725	115/230	11	5170	78	21 3/8" H X 21 3/8" W X 17" L
	U18-4HD	Explosion proof	3/4	1725	115/230	10.8	5170	96	
20"	U20-1HD	Totally enclosed	1	1725	115/230	13.4	6850	98	24 3/8" H X 24 5/14" W X 17" L
	U20-4HD	Explosion proof	1	1725	115/230	13.4	6850	118	
24"	U24-1HD	Totally enclosed	1 1/2	1725	115/230	15.2	9280	112	26 1/8" H X 26 1/8" W X 17" L
	U24-4HD	Explosion proof	1 1/2	1725	115/230	19	9280	134	

All -4HD utility fans have a single speed, dual voltage explosion proof motor that meets and conforms to all the standards that are listed below.

CLASS I, GROUP D *Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses or vapors of equivalent hazard.*

CLASS II GROUP F *Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.*

CLASS II GROUP G *Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.*

ACCESSORIES

- Hanger Bars/Hooks
- Flexible Hose
- Hose Connectors
- Collar Adaptors
- Utility Guards

For more information on accessories, see [Portable Utility Fan & U Series Accessories](#).



PORTABLE UTILITY FAN & U SERIES SMOKE EJECTOR ACCESSORIES

HANGER BARS / HOOKS



Adjustable bar and hooks (sold separately) used to hang U Series utility fan from a doorway or opening (Minimum 31" / Maximum 45" wide).

MODEL	DESCRIPTION
SEH-3	DOOR HANGER BAR
SEH-HB	HANGER HOOKS (PAIR)

HOSE CONNECTORS

Hose Connectors are required when attaching two lengths of hose together. Two gear clamps are included.



MODEL	FOR HOSE DIAMETER
HK8	8"
HK12	12"
HK16	16"
HK18	18"
HK20	20"
HK24	24"

COLLAR ADAPTORS

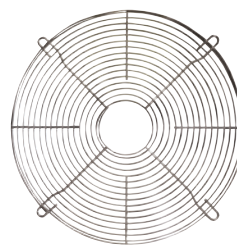
Collar Adaptors are required when using flexible hose. Easily attached to the inlet or discharge of a Smoke Ejector with spring clips (included).



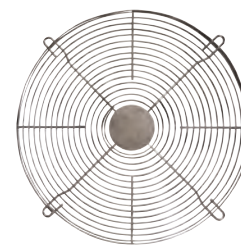
MODEL	HOSE SIZE	FAN SIZE	WEIGHT (LBS)
CA12-12	12"	U12	7
CA16	16"	U16	8
CA18	18"	U18	9
CA20	20"	U20	15
CA24	24"	U24	TBA

UTILITY GUARDS

Utility Guards have the centers cut out. To order with centre, do not include C in the model number.



2U121CLFI



2U121LFI

MODEL	SIZE
2U121CLF I	12"
2U161CLF I	16"
2U181CLF I	18"
2U202CLF I	20"
MC27GC	27"
MC30CG	30"

PLASTEC POLYPROPYLENE BLOWERS

The PLASTEC series polypropylene blowers are designed to work in highly corrosive air applications such as laboratory exhaust or the chemical industry. Housings are constructed of strong, high-density UV treated polypropylene for maximum corrosion resistance. Housings are made of a single piece to avoid leaks. Housings are reversible and rotatable to any of the 8 standard discharge positions.

FEATURES

- Housings constructed of strong, high density UV treated polypropylene for maximum corrosion resistance.
- One piece housing to avoid leakage.
- Housing is reversible and rotatable to any of the 8 standard discharge positions.
- Wheels are both electronically and dynamically balanced.
- Direct drive, heavy duty ball bearing motors for continuous duty.
- Totally enclosed, fan cooled motors (TEFC) or high efficient explosion proof motors.



* Shown with optional motor support

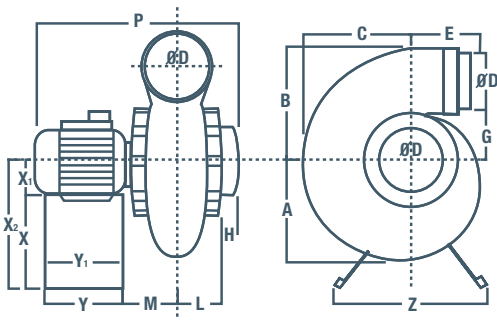
PERFORMANCE DATA

	MODEL #		INLET/OUTLET SIZE (OD) INCHES	RPM	H.P.	CFM									
	SINGLE PHASE	THREE PHASE				0"	1/4"	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	4"	5"
TEFC															
15	P15T10025C	P15T30025C-*	4.92/4.92	1140	1/4	200	50	-	-	-	-	-	-	-	
	P15T10033B	P15T30033B-*	4.92/4.92	1725	1/3	-	270	170	-	-	-	-	-	-	
	P15T10050A	P15T30050A-*	4.92/4.92	3450	1/2	-	-	-	530	510	430	325	-	-	
20	P20T10025C	P20T30025C-*	6.30/6.62	1140	1/4	-	500	350	-	-	-	-	-	-	
	P20T10033B	P20T30033B-*	6.30/6.62	1725	1/3	-	-	800	700	600	100	-	-	-	
	P20T10150A	P20T30150A-*	6.30/6.62	3450	1 1/2	-	-	-	-	-	-	-	1150	800	
25	P25T10033C	P25T30033C-*	7.82/8.62	1140	1/3	-	1000	900	600	-	-	-	-	-	
	P25T10075B	P25T30075B-*	7.82/8.62	1725	3/4	-	-	-	1500	1400	1100	500	-	-	
	-	P25T30300A-*	7.82/8.62	3450	3	-	-	-	-	-	-	-	-	2250	
30	P30T10075C	P30T30075C-*	9.84/10.75	1140	3/4	-	2000	1800	1600	1400	-	-	-	-	
	P30T10200B	P30T30200B-*	9.84/10.75	1725	2	-	-	-	-	-	2700	2350	2050	-	
	-	P35T30200D	12.75/12.75	850	2	-	-	3250	3000	2500	-	-	-	-	
35	-	P35T30500C	12.75/12.75	1140	5	-	-	-	-	4100	3750	3000	-	-	
	-	P35T31000B	12.75/12.75	1750	10	-	-	-	-	-	-	-	-	3500	
EXPLOSION PROOF															
15	P15X10033B	P15X30033B-*	4.92/4.92	1725	1/3	-	270	170	-	-	-	-	-	-	
	P15X10050A	P15X30050A-*	4.92/4.92	3450	1/2	-	-	-	530	510	430	325	-	-	
	-	P35T30200D	12.75/12.75	850	2	-	-	3250	3000	2500	-	-	-	-	
20	P20X10033B	P20X30033B-*	6.30/6.62	1725	1/3	-	-	800	700	600	100	-	-	-	
	P20X10150A	P20X30150A-*	6.30/6.62	3450	1 1/2	-	-	-	-	-	-	-	1150	800	
	-	P35T30500C	12.75/12.75	1140	5	-	-	-	-	-	-	-	-	2250	
25	P25X10075B	P25X30075B-*	7.82/8.62	1725	3/4	-	-	-	1500	1400	1100	500	-	-	
	-	P25X30300A-*	7.82/8.62	3450	3	-	-	-	-	-	-	-	-	2250	
	-	P35T31000B	12.75/12.75	1750	10	-	-	-	-	-	-	-	-	-	
30	P30X10075C	P30X30075C-*	9.84/10.75	1140	3/4	-	2000	1800	1600	1400	-	-	-	-	
	P30X10200B	P30X30200B-*	9.84/10.75	1725	2	-	-	-	-	-	2700	2350	2050	-	



* For three phase motors, substitute "*" with "M" for 208-230/460V, or with "P" for 575V (except on P35 models which are only available in 208-230/460V)

DIMENSIONS * Shown with optional motor support



DIMENSION	MODEL	RPMs		
		1150	1725	3450
X1	P15	2 13/16"	2 13/16"	2 13/16"
X2		12 1/4"	12 1/4"	12 1/4"
X1	P20	2 13/16"	2 13/16"	3 1/8"
X2		12 1/4"	12 1/4"	12 5/8"
X1	P25	2 13/16"	3 1/8"	3 9/16"
X2		12 1/4"	12 5/8"	15 3/8"
P		18 7/8"	20 1/2"	22 13/16"
X1	P30	3 1/8"	3 9/16"	22 7/16"
X2		17 11/16"	18 1/8"	-
P		22 7/16"	23 5/8"	-
X1	P35	4.41"	4.41"	-
X2		22.83"	22.83"	-
P		28.50"	28.5"	-

ACCESSORIES

- Weather hood enclosed pedestal for weather protection
- Roof unit kit
- Roof curbs
- Dampers
- Motor supports



Plastec products are special non-standard items and are not-returnable and cannot be cancelled.

MODEL	A	B	C	D	E	G	H	L	M	P	Y	Y1	Z	X
P15	6 1/16"	9 7/8"	8"	4 7/8"	5 11/16"	4 3/4"	1 1/5"	2 3/4"	3 1/8"	14 1/4"	7 1/16"	6 5/16"	13 3/8"	9 7/16"
P20	8 3/16"	12 1/16"	9 7/16"	6 5/8"	6 3/16"	5 1/2"	1 1/3"	3 3/8"	3 11/16"	15 1/3"	7 1/16"	6 5/16"	13 3/8"	9 7/16"
P25	9 3/4"	14 3/4"	12 3/16"	8 5/8"	6 5/8"	6 1/8"	1 1/3"	3 3/4"	4 1/8"	-	7 1/16"	6 5/16"	16 1/2"	-
P30	11 3/16"	18 3/16"	14 11/16"	10 3/4"	7"	7 5/16"	1 1/3"	4 5/16"	4 3/4"	-	9 7/16"	8 11/16"	18 1/8"	-
P35	14.57"	22.44"	17.72"	12.75"	5.12"	10.04"	2.36"	5.91"	6.69"	28.50"	13.78"	12.36"	23.62"	18.43"

JET SERIES POLYPROPYLENE INLINE FANS



The JET Series centrifugal inline fan is designed to work in highly corrosive air applications such as laboratory exhaust or the chemical industry. In-line centrifugal fan from 6" up to 10" inlet. Mounted on a roof curb or a In-line, JET fans generate a high plume exhaust to ensure maximum dilution of gases in the environment. Smooth and quiet performance. Ideal for water treatment plants and fume hood exhaust applications.

FEATURES

- Polypropylene casing and wheel recommended up to 190°F.
- Housing shall be constructed of strong high-density UV treated polypropylene for maximum corrosion resistance.
- High plume of air to ensure maximum dilution of gases to prevent exhaust fumes returning into buildings.
- Wheels are both electronically and dynamically balanced.
- Direct drive, heavy-duty ball bearing type motors for continuous duty.

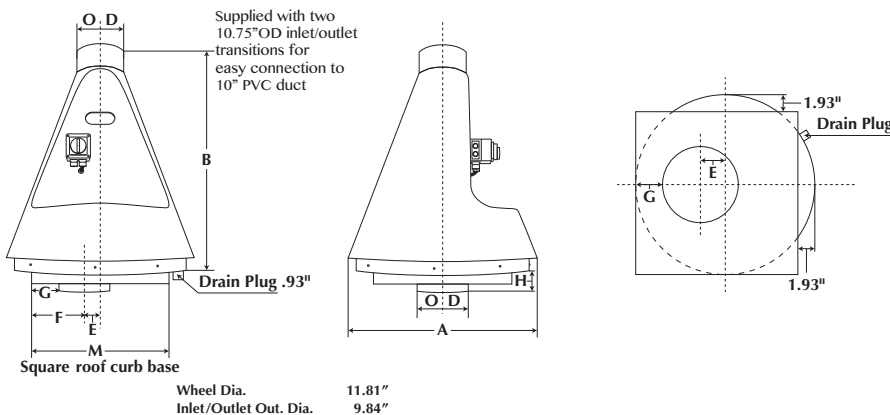
SPECIFICATIONS

MODEL #	INLET/OUTLET SIZE (OD) INCHES	RPM	H.P.	CFM															
				1/4"	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	3.5"	4"	4.5"	7.5"	8.5"			
TEFC																			
20	JET20T10025C	JET20T30025C-*	6.62/6.62	1140	1/4	325	100	-	-	-	-	-	-	-	-	-	-		
	JET20T10033B	JET20T30033B-*	6.62/6.62	1725	1/3	-	500	400	300	-	-	-	-	-	-	-	-		
	JET20T10150A	JET20T30150A-*	6.62/6.62	3450	1 1/2	-	-	-	-	-	1000	950	900	800	690	550	-		
25	JET25T10033C	JET25T30033C-*	8.62/8.62	1140	1/3	-	750	575	225	-	-	-	-	-	-	-	-		
	JET25T10075B	JET25T30075B-*	8.62/8.62	1725	3/4	-	-	-	1050	850	575	-	-	-	-	-	-		
	-	JET25T30300A-*	8.62/8.62	3450	3	-	-	-	-	-	-	-	-	-	-	-	1350	800	
30	JET30T10075C	JET30T30075C-*	10.75/10.75	1140	3/4	-	1500	1375	1250	250	-	-	-	-	-	-	-		
	JET30T10200B	JET30T30200B-*	10.75/10.75	1725	2	-	-	-	-	2100	1850	1500	875	-	-	-	-		
EXPLOSION PROOF																			
20	JET20X10033B	JET20X30033B-*	8.62/8.62	1725	1/3	-	500	400	300	-	-	-	-	-	-	-	-		
30	-	JET30X30075C-*	10.75/10.75	1140	3/4	-	1500	1375	1250	250	-	-	-	-	-	-	-		
	-	JET30X30200B-*	10.75/10.75	1775	2	-	-	-	-	2100	1850	1500	875	-	-	-	-		

* For three phase motors, substitute "*" with "M" for 208-230/460V, or with "P" for 575V

DIMENSIONS

MODEL	A	B	D	E	F	G	H	M (ID)	X	Y
JET20	23.62"	33.25"	6.3"	1.93"	9.87"	6.31"	4.5"	21.25" X 21.25"	11"	11.81"
JET25	28.93"	39.12"	7.87"	2.37"	12"	5.68"	5.31"	21.25" X 21.25"	13"	11.81"
JET30	34.62"	43.31"	9.84"	2.75"	7.87"	2.93"	5.12"	21.25" X 21.25"	15.75"	15.75"

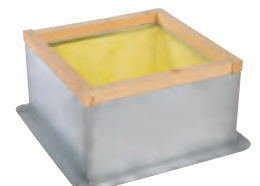


ACCESSORIES

- Optional JET Wall Mounting Bracket
- Optional Insulated Galvalume Roof Curb



Wall Mounting Bracket



Insulated Galvalume Roof Curb



Plastec products are special non-standard items and are not-returnable and cannot be cancelled.

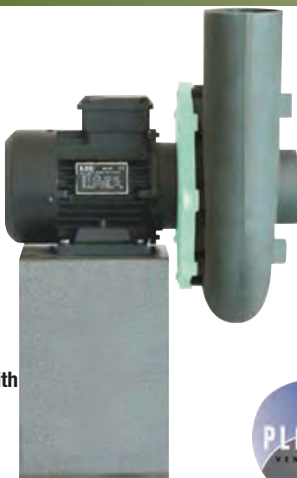
STORM SERIES POLYPROPYLENE BLOWERS

Designed to exhaust fumes from highly corrosive environments such as laboratory exhaust or the chemical industry, especially those with high static pressure and low CFM. 3 sizes available from 3" to 6" inlet/outlet. It is an excellent system for Scrubber Applications and other systems requiring low airflow at higher static pressure. Suitable for many applications such as acid tank ventilation, hood exhaust, commercial washers wastewater, chemical cabinets/rooms, etc.

FEATURES

- Polypropylene casing and wheel recommended up to 190°F.
- Housing shall be constructed of strong high-density UV treated polypropylene for maximum corrosion resistance.
- Housing is made of one piece to avoid leaks.
- Housing is rotatable to any of the 8 standard discharge positions.
- Wheels are both electronically and dynamically balanced.
- Direct drive, heavy-duty ball bearing type motors for continuous duty.

* Shown with optional motor support



SPECIFICATIONS

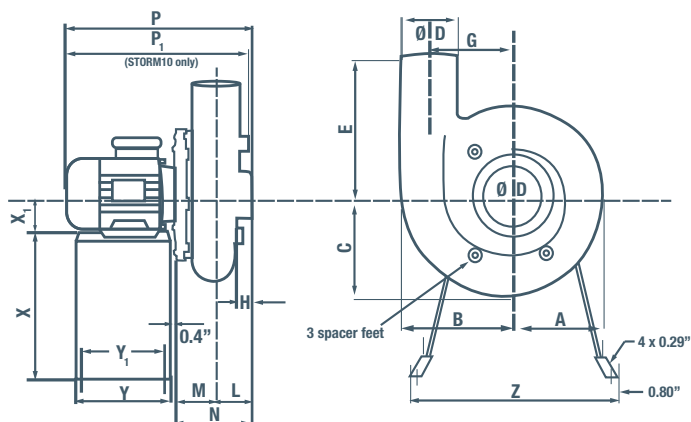
MODEL	MODEL #		INLET/OUTLET SIZE (OD) INCHES	RPM	H.P.	CFM																			
	SINGLE PHASE	THREE PHASE				TEFC																			
	1/4"	1/2"				3/4"	1"	1 1/2"	2"	2 1/4"	3"	4"	4.5"	6.5"	7.5"	11"	12"								
MODEL	10	STORM10T10012B	-	2.95/2.95	1725	1/8	60	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		STORM10T10016A	STORM10T30016A*	2.95/2.95	3450	1/3	-	-	135	125	100	75	50	-	-	-	-	-	-	-	-	-	-		
		12	STORM12T10033B	STORM12T30033B*	3.54/3.54	1725	1/3	225	190	150	125	-	-	-	-	-	-	-	-	-	-	-	-	-	
			STORM12T10100A	STORM12T30100A*	3.54/3.54	3450	1	-	-	-	-	380	360	350	325	250	200	-	-	-	-	-	-	-	
		14	STORM14T10050B	STORM14T30050B*	4.53/4.53	1725	1/2	-	-	-	-	400	100	-	-	-	-	-	-	-	-	-	-	-	
			-	STORM14T30300A*	4.53/4.53	3450	3	-	-	-	-	-	-	-	-	-	-	-	-	-	800	550	-	-	-
	16	-	STORM16T30550A*	6.5/6.5	3450	5 1/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1200	300	
	EXPLOSION PROOF																								
	MODEL	10	STORM10X10033B	STORM10X30033B*	2.95/2.95	1725	1/3	60	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			STORM10X10016A	-	2.95/2.95	3450	1/3	-	-	135	125	100	75	50	-	-	-	-	-	-	-	-	-	-	
		12	STORM12X10033B	STORM12X30033B*	3.54/3.54	1725	1/3	225	190	150	125	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			STORM12X10100A	STORM12X30100A*	3.54/3.54	3450	1	-	-	-	-	380	360	350	325	250	200	-	-	-	-	-	-	-	-
14		STORM14X10050B	STORM14X30050B*	4.53/4.53	1725	1/2	-	-	-	-	400	100	-	-	-	-	-	-	-	-	-	-	-	-	
		-	STORM14X30300A*	4.53/4.53	3450	3	-	-	-	-	-	-	-	-	-	-	-	-	-	800	550	-	-	-	
16	-	STORM16X30550A*	6.5/6.5	3450	5 1/2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1200	300		

* For three phase motors, substitute "*" with "M" for 208-230/460V, or with "P" for 575V

DIMENSIONS

MODEL	A	B	C	D	E	G	H	L	M	N	Y	Y ₁	Z	X
STORM10	4.53	5.31	5.00	2.95	6.22	3.82	1.26	1.90	2.24	4.14	7.09	6.3	13.39	9.45"
	P ₁	P	X ₁	MOTOR TYPE										
	10.73"	11.88"	2.30"	Single Phase .12 HP 4 Pole										
	13.75"	14.90"	3.16"	Single Phase .16 HP 2 Pole										
	18.00"	19.15"	3.43"	Single Phase .12 HP 4 Pole										

MODEL	WHEEL DIAMETER	A	B	C	D	E	G	H	L	M	N	P	Y	Y ₁	Z	X	X ₁
STORM12	7.75"	5.71"	6.89"	6.42"	3.54"	8.35"	5.12"	1.77"	3.15"	2.83"	5.98"	13.78"	7.09"	6.3"	13.39"	9.45"	2.8"
STORM14	9.75"	7.4"	9.13"	8.94"	4.53"	10.58"	6.69"	4.17"	6.33"	3.27"	9.6"	19.05"	7.125"	6.3"	13.39"	11.75"	3.15"
STORM16	11.75"	9.25"	11.34"	10.94"	6.5"	12.31"	8.07"	1.57"	3.94"	3.82"	7.76"	18.78"	13.78"	12.36"	23.62"	18.43"	4.41"



Metal stand does not come standard with fan. Motor frame sizes may vary upon type of motor used.

ACCESSORIES

- Weather hood enclosed pedestal for weather protection



WH4 Pedestal Weather Hood



WH3 Pedestal Weather Hood



Plastec products are special non-standard items and are not-returnable and cannot be cancelled.

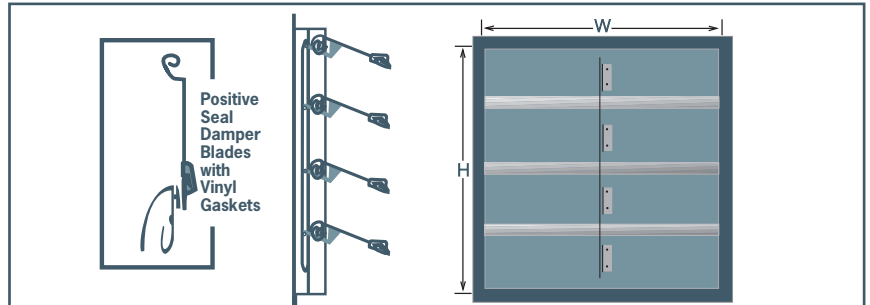
BACKDRAFT DAMPERS

MODEL 3000, 3100, 3200



3100 Series Shown

BLADE OPTION:
SR: 0.016" - 0.020" roll formed aluminum with vinyl gasket - used with fan motors under 1 HP
SE: 0.05" extruded aluminum with vinyl gasket - used with fan motors over 1 HP

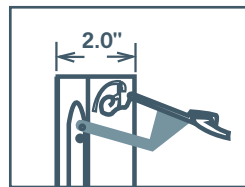


FEATURES

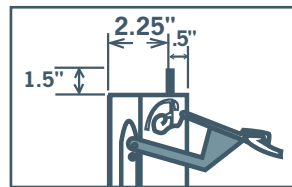
- Sturdily constructed from all aluminum extrusions.
- Roll form blades or extruded aluminum blades.
- Available in any combination of width and height.
- Less than 1% leakage.



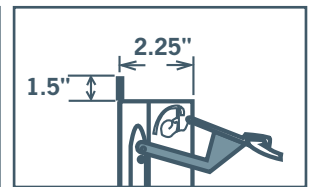
3000 & 3100 Series are undercut by 1/4".
 3200 Series is cut exact.



SERIES 3000
SIDE MOUNT - NO FLANGE



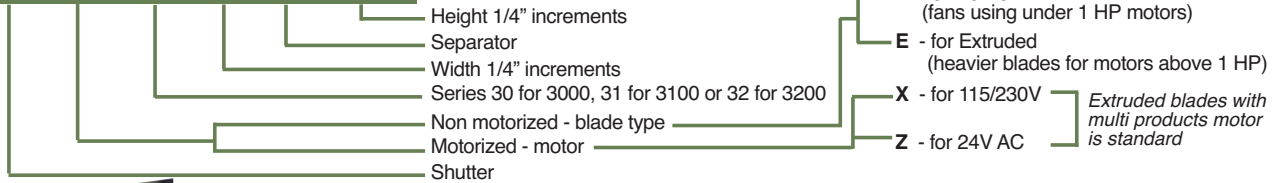
SERIES 3100
INWARD MOUNT



SERIES 3200
OUTWARD MOUNT

ORDERING METHOD FOR BACKDRAFT & MOTORIZED BACKDRAFT DAMPERS

S R 32 16 X 16



3100 Series Shown

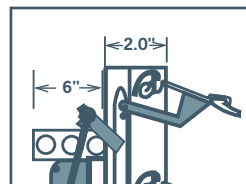
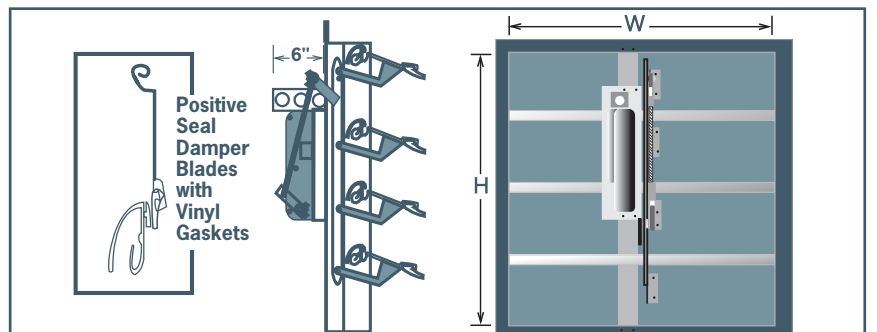
See Controls & Operators for Multi-Products replacement motors.



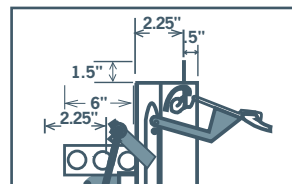
Non-standard shutters are non-returnable and cannot be cancelled.

MOTORIZED BACKDRAFT DAMPERS

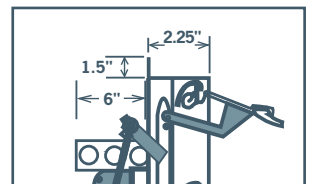
MODEL 3000M, 3100M, 3200M



SERIES 3000M
SIDE MOUNT - NO FLANGE



SERIES 3100M
INWARD MOUNT



SERIES 3200M
OUTWARD MOUNT

FEATURES

- Sturdily constructed from all aluminum extrusions
- Damper motor factory installed (24V, 115/230V - must specify at time of order)
- Maximum 8 sq. feet per motor
- Positive seal keeps leakage less than 1%
- Blades are 0.5" extruded aluminum with vinyl gasket
- Double panel available 30" and up
- Standard multi products motor



3000 & 3100 Series are undercut by 1/4".
 3200 Series is cut exact.

ACCESSORIES

- Bird screen
- Special coatings
- Insect screen
- End switch



FIXED LOUVRES MODEL - EL-2, EL-2F

Normally used as an exhaust louvre where the total CFM is relatively low

Models EL-2 and EL-2F are 2" deep louvres with blades set at a 30° angle. Their slim design may be used in curtain wall, interior or exterior partitions and window walls. All louvres are furnished with 1/2" x 1/2" regalvanized wire birdscreen.



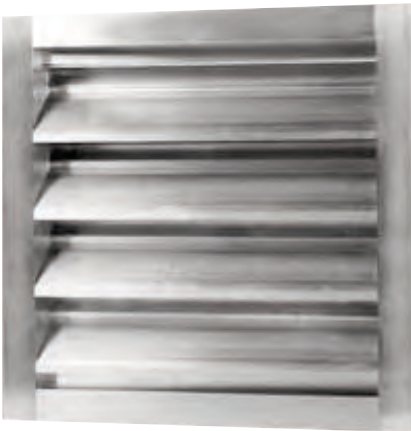
Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **MATERIAL:** .081" (2.06 mm) thick, 6063-T5 alloy, extruded aluminum
- **BLADE DESIGN:** set at 30° spaced 2" (50 mm) on centres with storm proof performance
- **CONSTRUCTION:** blade assembly is designed to prevent bowing and distortions. All corners are mitered to provide a neat, uniform extrusion profile at the perimeter.
- **SCREENS:** 1/2" x 1/2" regalvanized, 19 gauge wire
- **FINISHES:** mill is standard finish, anodized or baked enamel available at additional cost.
- **SIZES:** per customer specification multiple sections may be required. Consult factory. Minimum size available: 12" x 8".

ORDERING METHOD

- No flange: EL2-W x H eg) EL2-16x16
- With flange: EL2F-W x H eg) EL2F-16x16



FIXED LOUVRES MODEL - EL-4, EL-4F

Design provides high free area and can exhaust a high volume of air with little static pressure.

Models EL-4 and EL-4F are 4" deep louvres with blades set at a 35° angle, ensuring positive drainage which prevents discoloration of building walls. All louvres are furnished with 1/2" x 1/2" regalvanized wire birdscreen.



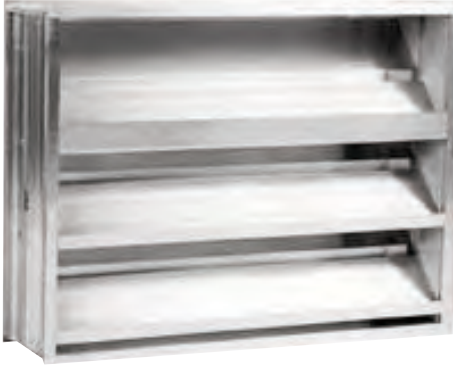
Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **MATERIAL:** .081" (2.06 mm) thick, 6063-T5 alloy, extruded aluminum
- **BLADE DESIGN:** set at 37° spaced 4" (100 mm) on centres with storm proof performance
- **CONSTRUCTION:** blade assembly is designed to prevent bowing and distortions. All corners are mitered to provide a neat, uniform extrusion profile at the perimeter.
- **SCREENS:** 1/2" x 1/2" regalvanized, 19 gauge wire
- **FINISHES:** mill is standard finish, anodized or baked enamel available at additional cost.
- **SIZES:** per customer specification multiple sections may be required. Consult factory. Minimum size available: 12" x 12".

ORDERING METHOD

- No flange: EL4-W x H eg) EL4-24x24
- With flange: EL4F-W x H eg) EL4F-24x24



FIXED LOUVRES MODEL - EL-6, EL-6F

Design provides protection from water penetration while retaining high free area.

Models EL-6 and EL-6F are 6" deep louvres with blades set at a 45° angle. Their slim design may be used in curtain wall, interior or exterior partitions and window walls. The design provides protection from water penetration while retaining high free area. All louvres are furnished with 1/2" x 1/2" regalvanized wire birdscreen.



Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **MATERIAL:** .085" (2.16 mm) thick, 6063-T5 alloy, extruded aluminum
- **BLADE DESIGN:** set at 45° spaced 7 1/4" (184.2 mm) on centres with storm proof performance
- **CONSTRUCTION:** blade assembly is designed to prevent bowing and distortions. All corners are mitered to provide a neat, uniform extrusion profile at the perimeter.
- **SCREENS:** 1/2" x 1/2" regalvanized wire
- **FINISHES:** mill is standard finish, anodized or baked enamel available at additional cost.
- **SIZES:** available in any combination of width or height (multiple sections may be required). Minimum size available: 16" x 16".

ORDERING METHOD

- **No flange:** EL6-W x H eg) EL6-24x24
- **With flange:** EL6F-W x H eg) EL6F-24x24



OPERATING LOUVRES MODEL - EL-4-O, EL-4-OF

Ideal for applications in which the available space does not allow for a fixed louver and a backdraft damper.

Models EL-4-O and EL4-OF are 4" deep operable louvres with storm proof blades which pivot on aluminum pins rotating in nylon flanged bearings. Manual or motor operators may be employed. Bird screen is 1/2" x 1/2" regalvanized wire and normally mounted on the face of the louvres.



Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **MATERIAL:** .085" (2.16 mm) thick, 6063-T5 alloy, extruded aluminum
- **BLADE DESIGN:** adjustable to 6 1/8" (156 mm) on centres with storm proof performance, 45° spaced
- **CONSTRUCTION:** blade assembly is designed to prevent bowing and distortions. Complete with jam and blade seals.
- **SCREENS:** 1/2" x 1/2" (12.7 mm x 12.7 mm) regalvanized wire
- **FINISHES:** mill is standard finish, anodized or baked enamel available at additional cost.
- **SIZES:** available in any combination of width or height (multiple sections may be required). Minimum size available: 12" x 12".
- **STANDARD METHOD OF OPERATION:** Chain. Belimo actuators available. See page K5 in Controls & Thermostats section.

ORDERING METHOD

- **No flange:** EL40-W x H eg) EL40-24x24
- **With flange:** EL40F-W x H eg) EL40F-24x24



SCD - STEEL CONTROL DAMPERS STANDARD CONSTRUCTION

The SCD series control dampers have been designed and tested to provide a reliable cost effective control damper where tight sealing is NOT of primary importance (for tight sealing dampers, use model SCD-LL). Its design lets it to be used in either exhaust or intake applications.

The SCD series rigid frame and integrally braced corners provide true damper alignment that greatly resists being installed out of square or out of flat. Available in either parallel or opposed blade models.

SCD dampers less than 48" wide x 12" high are furnished with a low profile flat top and bottom to maximize free area. Dampers may be made to accommodate higher than the recommended 2.5" w.g. static pressure. Contact factory if application involves pressures in excess of 2.5" w.g. or velocities greater than 1500 fpm. Factory installed operators are available. Consult factory for details.



Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **FRAME:** roll-formed galvanized steel hat section with staked corners with integral bracing.
- **BLADE:** 16-18 gauge triple-vee profile roll-formed galvanized steel. Minimum width: 4.25". Maximum width: 7.25". Opposed blades are standard (for parallel, please specify).
- **BEARINGS:** bronze oilite, press fit into frame
- **AXLES:** square, plated steel
- **LINKAGES:** concealed in frame. Leakage bars are 12 gauge thick galvanized steel.
- **FINISH:** mill galvanized
- **EXTENDED SHAFT:** 0.5" diameter, plated steel
- **MAXIMUM TEMPERATURE:** 250°F
- **SIZES:** Minimum size: 5" W x 4" H; Maximum size: single section - 48" W x 72" H; Multiple section - unlimited size

See **Controls & Operators** for Belimo motor options.

ORDERING METHOD

MODEL NOMENCLATURE EXAMPLE

DAMPER STYLES: SCD = SD; SCD-LL = SL

DAMPER STYLE	PLACEHOLDER FOR ACTUATOR (IF REQUIRED)
SD	A
24.00	24.00
WIDTH	HEIGHT
A=MOUNTED IN AIRSTREAM B=MOUNTED OUT OF AIRSTREAM	



SCD-LL - STEEL CONTROL DAMPERS LOW LEAKAGE CONSTRUCTION

The SCD-LL series control dampers have been designed and tested to provide an extremely tight sealing damper which is cost effective for the majority of HVAC applications. They are generally recommended for face velocities up to 2000 fpm and static pressures to 2.5" w.g. (Note: for systems in excess of 2.5 w.g., contact the factory.)

The SCD-LL series dampers have inflatable pressure sensitive jamb and blade edge seals to provide the ultimate in sealing characteristics without unduly increasing torque requirements. Available in either parallel or opposed (standard) blade models.

SCD-LL dampers less than 48" wide x 12" high are furnished with a low profile flat top and bottom to maximize free area. SCD-LL dampers have a rigid frame and integrally braced corners that provide true damper alignment that greatly resists being installed out of square or out of flat. This ensures on site performance equal to test results. Factory installed operators are available. Consult factory for details.



Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **FRAME:** roll-formed galvanized steel hat section with staked corners with integral bracing.
- **BLADE:** 16-18 gauge triple-vee profile roll-formed galvanized steel. Minimum width: 4.25". Maximum width: 7.25". Opposed blades are standard (for parallel, please specify).
- **BEARINGS:** bronze oilite. Press into frame.
- **SEALS:** pressure sensitive PVC blade edge & flexible metal jamb seals
- **LINKAGES:** concealed in frame. Leakage bars are .125" thick plated steel.
- **FINISH:** mill galvanized
- **EXTENDED SHAFT:** 0.5" diameter, plated steel
- **MAXIMUM TEMPERATURE:** 250°F
- **SIZES:** Minimum size: 5" W x 4" H; Maximum size: single section - 48" W x 72" H; Multiple section - unlimited size

PERFORMANCE DATA

The SCD-LL dampers have been tested to **AMCA Standard 500-D** with the following results:

	AT 1.0" w.g.	AT 2.5" w.g.	AT 4.0" w.g.
LEAKAGE (cfm/SQ FT)	3.5	5.0	7.0



SCD-LL-HD - HEAVY DUTY CONTROL DAMPERS LOW LEAKAGE CONSTRUCTION

The SCD-LL-HD series dampers have been designed and tested to provide rigid, robust and yet cost effective control dampers for special applications involving high pressure up to 9.0" w.g.

The SCD-LLHD dampers have a pressure sensitive jamb and the blade edge seals to provide the ultimate in sealing characteristics without unduly increasing torque requirements.

The SCD-LL-HD series damper's rigid frame and integrally braced corners provide true damper alignment that greatly resists being installed out of square or out of flat. This ensures on site performance equal to test results. Factory installed electric motors are available. Consult factory for details.



Non-standard shutters are non-returnable and cannot be cancelled.

FEATURES

- **FRAME:** roll-formed galvanized steel hat section with staked corners with integral bracing & roll-formed galvanized steel C channel insert welded to provide equivalent of 12 gauge steel.
- **BLADE:** 16 gauge roll-formed galvanized steel & 18 gauge roll-formed galvanized steel continuous rigidizing section to provide equivalent of 10 gauge steel.
- **BLADE STYLE:** Opposed blades are standard; parallel blade on request
- **BEARINGS:** bronze oilite, press fit into frame
- **AXLES:** square, plated steel PVC
- **SEALS:** pressure sensitive, dual durometer blade edge seals and flexible metal jamb seals
- **LINKAGES:** concealed in frame. Leakage bars are 12 gauge thick galvanized steel
- **FINISH:** mill galvanized
- **EXTENDED SHAFT:** 0.5" diameter, plated steel
- **MAXIMUM TEMPERATURE:** 250°F
- **SIZES:** **Minimum size:** 8" W x 8" H (203 mm x 203 mm); **Maximum size:** single section - 60" W x 72" H (1524 mm x 1829 mm); **Multiple section** - unlimited size.

See **Controls & Operators** for Belimo motor options.

PERFORMANCE DATA

The SCD-LL-HD dampers have been tested to **AMCA Standard 500-D** with the following results:

	AT 1.0" w.g.	AT 4.0" w.g.	AT 8.0" w.g.	AT 8.0" w.g.
LEAKAGE (cfm/SQ FT)	3.5	7.0	9.8	11.2

OPTIONAL CONSTRUCTION

- **BEARINGS:** nylon, press fit into frame
- Silicone blade edge seals

ORDERING METHOD

MODEL NOMENCLATURE EXAMPLE
DAMPER STYLES: SCD-LL-HD = SL-HD

DAMPER STYLE PLACEHOLDER FOR ACTUATOR (IF REQUIRED)

SL-HD 24.00 x 24.000 A

WIDTH HEIGHT

A=MOUNTED IN AIRSTREAM
B=MOUNTED OUT OF AIRSTREAM



NOTE: dampers are furnished approximately 1/4" smaller than given duct dimensions. Not recommended with blades running vertically. All dampers 32" and over are supplied with Jack shafting.

SCD-RD - STEEL ROUND CONTROL DAMPERS STANDARD CONSTRUCTION



The SCD-RD series control dampers have been designed and tested to provide a reliable cost effective control damper where tight sealing is NOT of primary importance. (Note: tight sealing dampers, see model # SCD-RD-LL-88).

Note Dampers are furnished approximately 1/8" smaller than given duct dimensions.

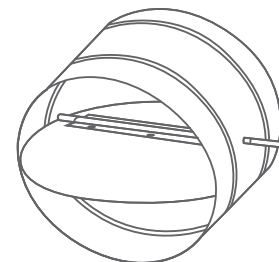
Factory installed electric operators are available when dampers are ordered with motor standard off bracket. Consult factory for details.

Note Non-standard dampers are non-returnable and cannot be cancelled.

FEATURES

- **FRAME:** galvanized steel, rolled reinforcement.
- **DIAMETER GAUGE**
5" - 9" 22 ga.
10" - 24" 20 ga.
- **BLADE:** galvanized steel with welded channel reinforcement.
- **BEARINGS:** bronze oilite
- **AXLES:** 3/8" square plated steel

- **FINISH:** mill galvanized
- **EXTENDED SHAFT:** Removable. 1/2" diameter, plated steel
- **MAXIMUM TEMPERATURE:** 200°F
- **DAMPER SIZES:** 5" to 24" diameter



ORDERING METHOD

- Use diameter required. SCD-RD-diameter eg) SCD-RD-10

SCD-RD-LL - STEEL ROUND CONTROL DAMPERS LOW LEAKAGE CONSTRUCTION



The SCD-RD-LL series control dampers have been designed and tested to provide an extremely tight sealing damper which is cost effective for the majority of HVAC applications.

Note Dampers are furnished approximately 1/8" smaller than given duct dimensions.

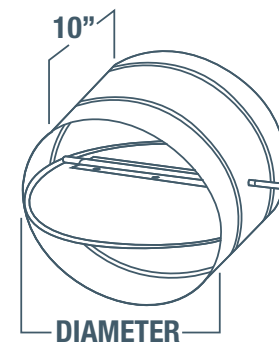
The SCD-RD-LL series dampers have pressure sensitive blade edge seals to provide the ultimate in sealing characteristics without unduly increasing torque requirements. Factory installed electric operators are available when dampers are ordered with motor stand off bracket. Consult factory for details.

Note Non-standard dampers are non-returnable and cannot be cancelled.

FEATURES

- **FRAME:** galvanized steel, rolled reinforcement.
- **DIAMETER GAUGE**
5" - 9" 22 ga.
10" - 24" 20 ga.
- **SEALS:** dual durometer pressure sensitive blade edge and jamb seals
- **BLADE:** galvanized steel with welded channel reinforcement.
- **BEARINGS:** bronze oilite

- **AXLES:** 3/8" square plated steel
- **FINISH:** mill galvanized
- **EXTENDED SHAFT:** Removable. 1/2" diameter, plated steel
- **MAXIMUM TEMPERATURE:** 200°F
- **DAMPER SIZES:** 5" to 24" diameter



ORDERING METHOD

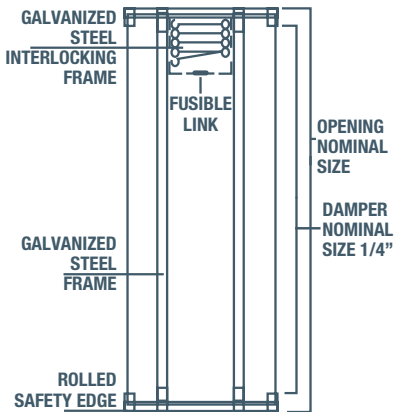
- Use diameter required. SCD-RD-LL-diameter eg) SCD-RD-LL-10

PERFORMANCE DATA

The SCD-RD-LL dampers have been tested to AMCA Standard 500-D with the following results:

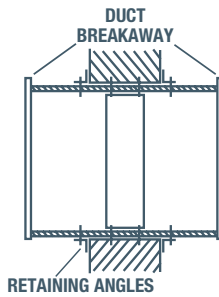
	AT 1.0" w.g.	AT 2.5" w.g.	AT 4.0" w.g.
LEAKAGE (cfm/SQ FT)	1.0	1.5	4.0

TYPICAL VERTICAL DAMPER

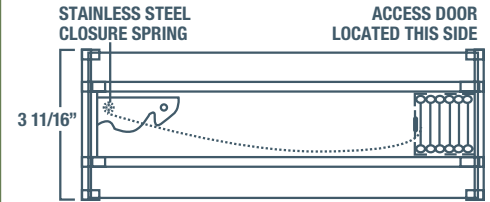


TYPE A - FIRE DAMPERS VERTICAL & HORIZONTAL

SUGGESTED INSTALLATION



TYPICAL HORIZONTAL DAMPER



FEATURES

- Narrow 2 3/16" or 1 1/2" frame
- Electro thermal links - 165°F standard
- Other fusible links 135°F, 212°F, 286°F
- Adjustable blade stack for combination fire/balancing damper
- Solenoid release

- Micro-switches for fan shut off and/or status control
- Stainless steel construction
- 1 1/2 hour rating standard - 3 hour optional vertical only
- Maximum size: 36" x 36"; Minimum size: 6" x 6"



Type A & Type B Fire Dampers are non-standard dampers and are not-returnable and cannot be cancelled.

SPECIAL NOTE



When the damper or damper assembly exceeds either 48" in width or 60" in height, the retaining angles should not be less than 1 1/2" x 1 1/2" x 1/8" thick and should be attached to the sleeve using 20 1/4" x 3/4" round head stove bolts at 8" on C. 1" long welds or No. 14 x 3/4" sheet metal screws at the same spacing.

TYPE B - FIRE DAMPERS VERTICAL & HORIZONTAL

FEATURES

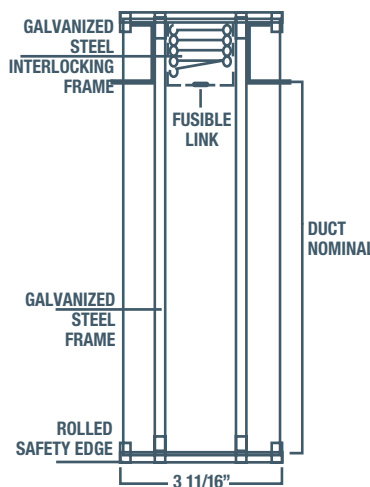
- Narrow 2 3/16" or 1 1/2" frame
- Electro thermal links - 165°F standard
- Other fusible links 135°F, 212°F, 286°F
- Adjustable blade stack for combination fire/balancing damper
- Solenoid release
- Micro-switches for fan shut off and/or status control
- Stainless steel construction
- 1 1/2 hour rating standard - 3 hour optional vertical only
- Maximum size: 36" x 36"; Minimum size: 6" x 4"

SPECIAL NOTE

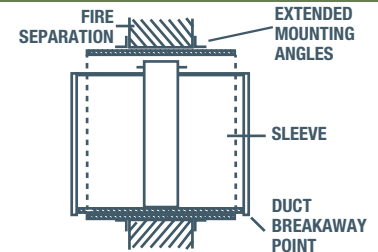


When the damper or damper assembly exceeds either 48" in width or 60" in height, the retaining angles should not be less than 1 1/2" x 1 1/2" x 1/8" thick and should be attached to the sleeve using 20 1/4" x 3/4" round head stove bolts at 8" on C. 1" long welds or No. 14 x 3/4" sheet metal screws at the same spacing.

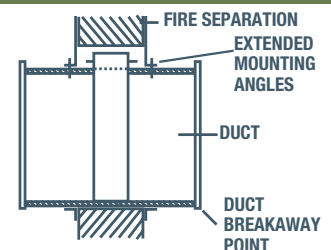
TYPICAL VERTICAL DAMPER



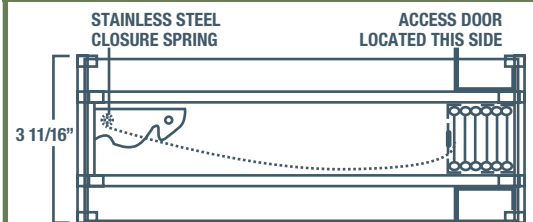
SUGGESTED INSTALLATION



ALTERNATE INSTALLATION

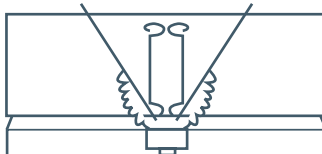
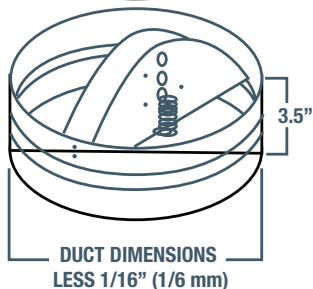


TYPICAL HORIZONTAL DAMPER



Type A & Type B Fire Dampers are non-standard dampers and are not-returnable and cannot be cancelled.

CD-RD - ROUND CEILING DAMPER STANDARD CONSTRUCTION



CD-RD-A-85
WITH ADJUSTABLE VOLUME CONTROLLER

MODELS

- **CD-RD-85** - Round, butterfly-type (non asbestos)
- **CD-RD-A-85** - Round, butterfly-type (non asbestos) with adjustable volume control

FEATURES

- **FRAME:** 24 gauge galvanized steel
- **BLADES:** 22 gauge galvanized steel.
- **THERMAL BLANKET:** non-asbestos ceramic blanket
- **SPRING:** corrosion resistant steel spring
- **FUSIBLE LINK:** replaceable 212°F standard. Other ratings available.
- **FINISH:** mill
- **SIZES:** Minimum size: 5"; Maximum size: 15"
(For sizes 16" to 20" CFSR-2 will be supplied.)
- **UL/UCL LISTINGS:** 3 - 4 hours

ORDERING METHOD

- Use diameter required: **CD-RD-diameter eg) CD-RD-8**



Non-standard dampers are non-returnable and cannot be cancelled.

AD - AF ALUMINUM CONTROL DAMPERS

FEATURES

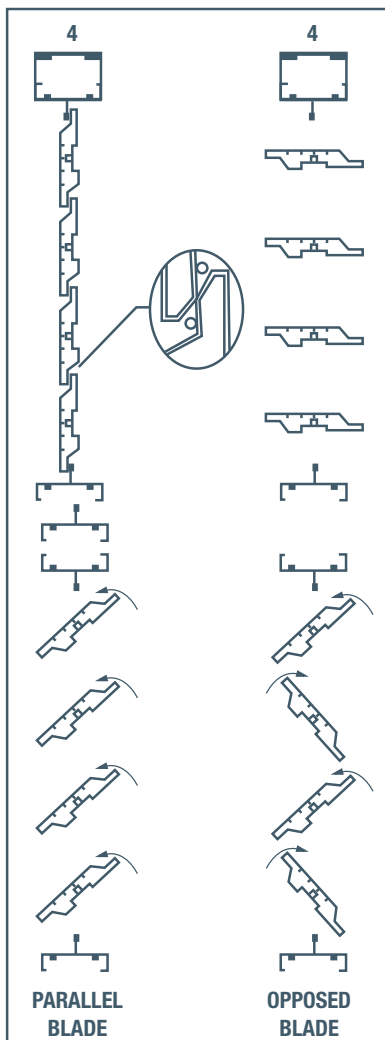
- **DEPTH BLADES CLOSED:** 4" (101 mm)
- **DEPTH BLADES OPEN:** 6 1/8" (156 mm)
- **MATERIAL:** extruded 6063-T5 aluminum
- **FRAME THICKNESS:** 0.081" (2.06 mm)
- **BLADE STYLE:** **OB** - opposed blade standard; **PB** - parallel blade on request
- **BLADE THICKNESS:** 0.081" (2.06 mm)
- **BEARINGS:** moulded synthetic (Acetal)
- **SEALS:** co-extruded santoprene vinyl blade seal and vinyl jamb seal
- **AXLES:** 3/8" aluminum square bar
- **FRAME STYLE:** specify **DM** for Duct Mount or **FM** for Flange Mount
- **MINIMUM HEIGHT:** 8" (203 mm) single blade; 15" (381 mm) multiple blade
- **MAXIMUM PANEL WIDTH:** 60" (1524 mm)
- **MAXIMUM PANEL HEIGHT:** 60" (1524 mm)
- **MAXIMUM SYSTEM PRESSURE:** 5" w.g. for 60" blades
- **LEAKAGE:** does not exceed 7 CFM/ft² (341/s/m²) against 4" w.g. (1 kPa) differential static pressure at -40°F (-40°C)
- **LINKAGE:** concealed in frame
- **STANDARD FINISH:** mill
- **STANDARD MOTOR INSTALLATION:** side shaft direct drive, extendable up to 12"

ORDERING METHOD

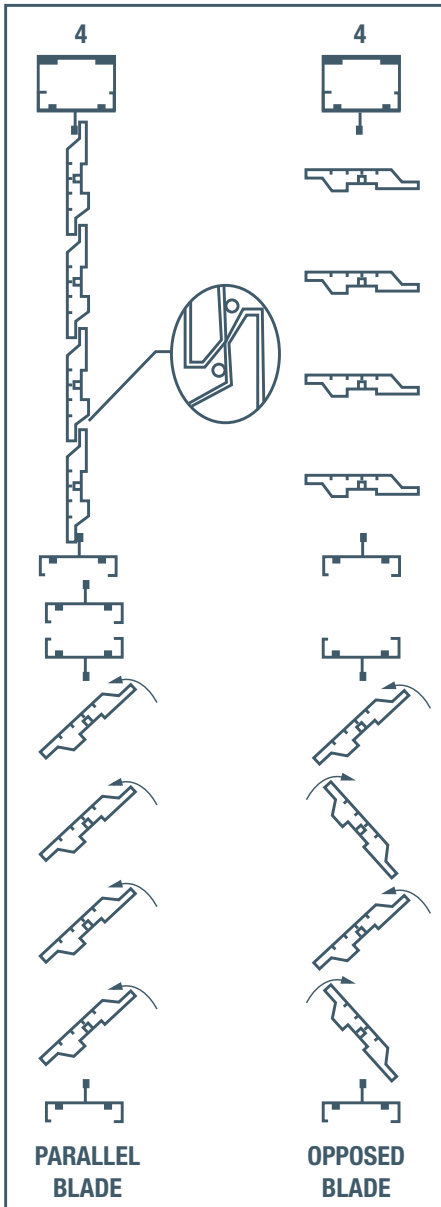
- **DUCT MOUNT:** AD-WxH
- **FLANGE MOUNT:** AF-WxH



Non-standard dampers are non-returnable and cannot be cancelled.



ADI - AFI ALUMINUM CONTROL DAMPERS



FEATURES

- **DEPTH BLADES CLOSED:** 4" (101 mm)
- **DEPTH BLADES OPEN:** 6 1/8" (156 mm)
- **MATERIAL:** extruded 6063-T5 aluminum
- **FRAME THICKNESS:** 0.081" (2.06 mm)
- **BLADE STYLE:** **OB** - opposed blade standard; **PB** - parallel blade on request
- **BLADE THICKNESS:** 0.081" (2.06 mm)
- **BEARINGS:** dual bearing system, consists of Engineered thermoplastic bearings (Acetal)
- **SEALS:** co-extruded santoprene vinyl blade seal and vinyl jamb seal
- **AXLES:** 3/8" aluminum square bar
- **FRAME STYLE:** specify **DM** for Duct Mount or **FM** for Flange Mount
- **FRAME INSULATION:** polystyrene insulation
- **BLADE INSULATION:** 60" blades are thermally broken high density polyurethane non-CFC foam (R-2.25)
- **MINIMUM HEIGHT:** 8" (203 mm) single blade; 15" (381 mm) multiple blade
- **MAXIMUM PANEL WIDTH:** 60" (1524 mm)
- **MAXIMUM PANEL HEIGHT:** 60" (1524 mm)
- **MAXIMUM PANEL SIZE:** 20 square feet
- **MAXIMUM SYSTEM PRESSURE:** 4" w.g.
- **LEAKAGE:** does not exceed 7 CFM/ft² (341/s/m²) against 4" w.g. (1 kPa) differential static pressure at -40°F (-40°C)
- **LINKAGE:** concealed in frame
- **STANDARD FINISH:** mill
- **STANDARD MOTOR INSTALLATION:** side shaft direct drive, extendable up to 12"
- **OPERATING TEMPERATURE RANGE:** -40° to +200°F

ORDERING METHOD

- **DUCT MOUNT:** ID-WxH
- **FLANGE MOUNT:** IF-WxH



Non-standard dampers are non-returnable and cannot be cancelled.



NEW HIGH EFFICIENCY ECSMART MOTOR - UP TO 70% ENERGY SAVINGS WITH EC MOTORS

ECsmart MOTORS

with User Interface for Speed Control, High Efficiency



ODP & TEAO with built in speed control

Meets IE4 Super Premium Efficiency Rating Threshold – 1/2hp, 1800 rpm reaches 87% Peak Efficiency



TEAO - Suitable for wet locations

Remote mount 0 to 10V speed control available see Controls section.

FEATURES

- High efficiency, up to 85% efficiency with watt savings of 30 to 70%
- Variable HP & speed
- 1/4 HP to 1.0 HP, 1800, 1200 and 1000 RPM models available
- 48 NEMA frame with all AC motor mounting options available for drop in replacement of AC motors
- Soft start - quiet and lower start up amperage loads
- Advanced electronic protection- cool running and self-limiting thermal and amperage control
- Totally enclosed or ODP with reversible options - suitable for many applications
- Available with or without built in potentiometer which can be controlled remotely using optional 0-10V control
- Standard LED display for RPM readout
- 120/208-280V
- Single phase, 50/60 HZ
- Separate AC and DC power connection boxes for safety.
- Customizable Maximum RPM to match wheel/blade/product restraints.



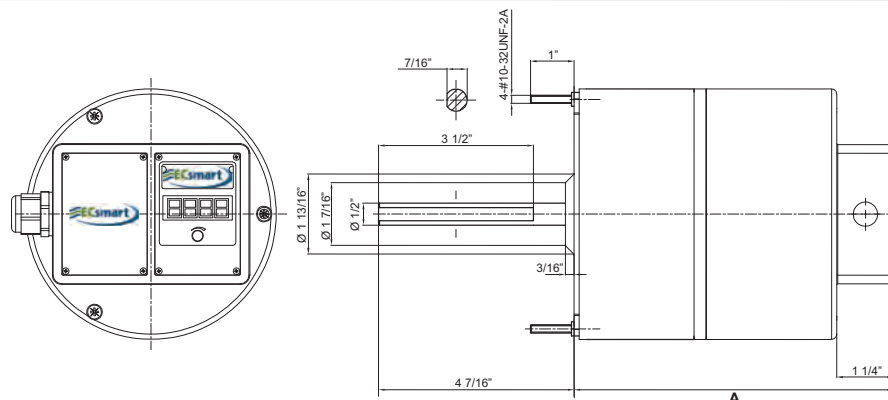
PERFORMANCE SPECIFICATIONS

	MODEL NUMBER	HP	RPM	VOLTS	AMPS	HZ	SHIP WT. (LBS)
Totally Enclosed with Built In Speed Control	8842025-RPM18	1/4	300-1800	120/208-280V	3.1/1.8-1.5	50/60	10
	8842033-RPM18	1/3	300-1800	120/208-280V	4.1/2.5-2.0	50/60	10
	8842050-RPM18	1/2	300-1800	120/208-280V	5.7/3.4-2.6	50/60	10
	8842050-RPM12	1/2	300-1200	120/208-280V	5.7/3.5-2.8	50/60	10
	8842075-RPM18	3/4	300-1800	120/208-280V	7.7/4.7-3.7	50/60	15
	8842075-RPM10	3/4	300-1000	120/208-280V	TBA	50/60	15
ODP with Built In Speed Control	8842100-RPM18	1	300-1800	120/208-280V	11/6.4-5.2	50/60	15
	8842100-RPM12	1	300-1200	120/208-280V	9.7/6.0-4.6	50/60	15
	8844025-RPM18	1/4	300-1800	120/208-280V	3.1/1.8-1.5	50/60	10
	8844033-RPM18	1/3	300-1800	120/208-280V	4.1/2.5-2.0	50/60	10
	8844050-RPM18	1/2	300-1800	120/208-280V	5.7/3.4-2.6	50/60	10
	8844050-RPM12	1/2	300-1200	120/208-280V	5.7/3.5-2.8	50/60	10
Totally Enclosed - For Wet locations	8844075-RPM18	3/4	300-1800	120/208-280V	7.7/4.7-3.7	50/60	15
	8844075-RPM10	3/4	300-1000	120/208-280V	TBA	50/60	15
	8844100-RPM18	1	300-1800	120/208-280V	11/6.4-5.2	50/60	15
	8844100-RPM12	1	300-1200	120/208-280V	11.5/7.2-5.4	50/60	15
	8842025-10V18	1/4	300-1800	120/208-280V	3.1/1.8-1.5	50/60	10
	8842033-10V18	1/3	300-1800	120/208-280V	4.1/2.5-2.0	50/60	10
8842050-10V18	1/2	300-1800	120/208-280V	5.7/3.4-2.6	50/60	10	
8842050-10V12	1/2	300-1200	120/208-280V	5.7/3.5-2.8	50/60	10	
8842075-10V18	3/4	300-1800	120/208-280V	7.7/4.7-3.7	50/60	15	
8842075-10V10	3/4	300-1000	120/208-280V	TBA	50/60	15	
8842100-10V18	1	300-1800	120/208-280V	11/6.4-5.2	50/60	15	
8842100-10V12	1	300-1200	120/208-280V	9.7/6.0-4.6	50/60	15	

Please note: Specifications are subject to change without notice as the product is still in development stages. See Controls section for speed controls for above motors.

DIMENSIONS

MODEL	A
8842025-RPM18/10V18	7 1/4"
8842033-RPM18/10V18	7 1/4"
8842050-RPM18/10V18	7 1/4"
8842050-RPM12/10V12	8"
8842075-RPM18/10V18	8"
8842075-RPM10/10V10	8"
8842100-RPM18/10V18	8"
8842100-RPM12/10V12	7 1/4"



CARBON MONOXIDE DETECTOR



CTS-M5160 CARBON MONOXIDE DETECTOR

CTS-M5160 is a microprocessor based transmitter that detects carbon monoxide and activates relays when the set concentration is met. The **CTS-M5160** can be set for rising or falling carbon monoxide levels.

- Attaches to a standard 2" x 4" electrical box
- Programmable delay (0 - 60 minutes in 5 minute increments)
- Input Power: 24V
- Sensor Type: Electromechanical
- Sensor Life: 2 - 3 years
- Relay: Two, SPDT, 1 amp dry contact

PRINCIPLES OF OPERATION

Electrochemical gas sensors are micro-fuel cells designed to be maintenance free and stable for long periods. Gas continuously enters the self-contained cell through a flow limiting diffusion barrier. The target gas reacts within the electrolyte creating a microamp current flow between the electrodes. No fluid replenishment is required as these cells are not self-consuming. The cell electrodes degrade with time resulting in a typical working life of 2 to 3 years.

The CTS-M5 transmitter is powered by a nominal 24 V external power supply in a two-wire connection. It transmits a 4-20 mA, 2-10 V, or an RS-485 signal over the calibrated range of the sensor selected. The transmitter is factory configured and calibrated for the sensor selected when ordered as a complete assembly. This universal transmitter accepts any of the listed sensors into a plug-in socket on the board. Calibration is achieved through a simple zero and span adjustment using the appropriate calibration gas concentration for the sensor installed.

THERMOSTATS

K-KONTROL THERMOSTATS

Great for use on XF and UF10-G fans!

- Single KJ16110, portable single KP16110 and two KT16110 stage models.
- Reliable Johnson thermostats, low cost.
- Moisture proof box.
- Convenient flip open cover, stainless steel coil and portable hanger.
- Use anywhere portable model - simply plug control into outlet and then the device into the control.
- Two stage model for two stages of heating and/or cooling or two speed fans.
- Single and two stage models: 16 Amp rating at 120V; 8 Amp rating at 240V.
- Portable model: 16 Amp rating at 120V.
- Ideal for 120V fans & heaters.

TF115 - SUNNE THERMOSTATS

- Single stage thermostat for heating or cooling.
- NEMA 4 enclosure, stainless steel coil, multi-position mounting.
- Large, easy to read, 40° - 100° F dial
- 16 Amp rating at 120V; 12 Amp rating at 240V.

RANCO THERMOSTATS

- Single T1NEMA4D1 and two stage T2NEMA4D1 models.
- NEMA 4 enclosure, easy to read LCD display, lockout switch.
- Programmable differential (1 to 30° F).
- Wide operating range (-30° to 220° F), user selectable F/C°.
- 8' temperature probe included (extendable to 400').
- Two stage model for two stages of heating and/or cooling or two speed fans.
- 10 Amp rating at 120V; 5 Amp rating at 240V.



TWO SPEED CONTROL



TS15 CONTROL

- Manual control for 2 speed fans.
- High/low/off SPDT switch.
- For dry locations.
- 15 Amp rating at 115V; 10 Amp rating at 230V

MANUAL VARIABLE SPEED CONTROLS

MC CONTROLS

Great for use on AX, SD, DFRC and AXC fans!

- Minimum speed adjustment screw.
- Designed to fit a standard 3" x 5" electrical box.
- Mount in a dry location.
- Now available in 230V/1/60HZ.
- Ideal for use on variable speed SD Standard Exhaust fans, AX, DFRC and AXC fans (not for use with single speed motors).



MODEL	POWER SUPPLY	AMPERAGE RATING
MC-3		2.5
MC-5	120V/1/60HZ	5.0
MC-10		10.0
MC-15		12.0
MC5-230	230V/1/60HZ	5.0

FC-1VAC VARIABLE SPEED CONTROL



- One variable speed output (12.5 A at 120/230 VAC general purpose resistive, 9 FLA at 120/230 VAC PSC motor)
- Adjustable high/low settings.
- ON/OFF switch.
- May also be used as a light dimmer to power up to five, 250 Watt brooder lamps.
- 115 or 230V AC operation.
- Overload protection fuse (15 Amp 250V AC).
- Rugged enclosure (corrosion and water resistant and fire retardant).

AUTOMATIC VARIABLE SPEED CONTROL

FC-1T-1VAC MODULATING TEMPERATURE CONTROL



- The control will automatically vary the speed of the fan to hold the set temperature.
- One variable stage (10 A general-purpose (resistive) load at 120/230VAC, 7 FLA at 120/230VAC, PSC motor)
- Two control knobs, one for set temperature, one for adjusting the minimum speed.
- Continues to run at minimum speed or change the internal shunt to have the fan turn off at minimum speed setting.
- 2°F off set-back for auto shut off.
- 6°F temperature differential.
- One foot temperature probe.
- 115 or 230V AC operation.
- Adjustable 40 - 90°F temperature set point.
- Overload protection fuse (15A, 250V AC).



**REQUIRES A VFD
COMPATIBLE
AC MOTOR**

VFD - B SERIES

Variable Speed AC Motor Drives

Variable Frequency Drives (VFD's) can cut energy use dramatically when needs are less than full motor capacity.

FEATURES

- Volt/Hz, Sensorless vector & Closed loop vector control
 - All VFD-B drives have/are:
 - Nema1 rated enclosures
 - Constant Torque rated
 - UL, cUL & CE approved
 - Programmable (0 ~ 2000Hz) for high speed applications.
 - The output current is adjustable up to 120% of the drive's nominal capacity.
 - All "240/1/60" models also accept three phase input.
 - Inputs: 11 digital (4 dedicated & 7 programmable) & 3 analog.
 - Outputs: 4 digital, 1 analog and 1 digital frequency output.
 - RS-485 communication port, standard protocol Modbus RTU & ASCII.
 - B series drives have built-in dynamic braking transistors up to 15HP.
 - 230 1 Phase (up to 3 HP); 240V 3 Phase (up to 50 HP); 480V 3 Phase (up to 100 HP); 575V 3 Phase (up to 100 HP).
- Please see accompanying price pages for more information.



**REQUIRES A VFD
COMPATIBLE
AC MOTOR**

VFD - LENZE SERIES

Variable Frequency Multi-Function Micro Drive

Flexible, simple, economical.

FEATURES

The SMVector is a highly competitive AC drive. Its performance, simplicity and flexibility make it an attractive solution for a broad range of applications including: Food processing machinery, Packaging machinery, Material handling/conveying systems and HVAC systems.

The SMVector is the right choice when you need it all – performance, power, packaging (NEMA Type 1 (IP31) Enclosure) and intuitive programming.

Superior Performance

- Modes of Operation:
 - V/Hz and Enhanced V/Hz(Constant and Variable)
 - Vector Speed or Torque Control
- Dynamic Torque Response
- Sophisticated Auto-tuning (Motor Calibration)
- Impressive Low Speed Operation
- Sequencer with 16 Programmable Segments

Flexible Power Ranges: 120/230V 1Ø (up to 1.5 Hp), 200/230V 1/3Ø (up to 3 Hp), 200/230V 3Ø (up to 20 Hp), 400/480 and 575V 3Ø (up to 60 Hp)

Simplicity - Intuitive User Interface - Electronic Memory Module (EPM)

DISCONNECT SWITCHES

FEATURES

- Can be used as Manual Motor Control
- Lockout Capable

MODEL	DESCRIPTION	AMP	POLES	HP RATING			
				120V AC	240V AC	480V AC	600V AC
EL1/3-25A	Single or three phase moisture resistant - IP65	25	3	3	7.5	15	20
DS1/3-30A	Single or Three PH Disconnect NEMA 3R (30303D)	30	3	3	7.5	15	20
KG1-2P1PH	Single phase only! Non-reversing, toggle operation NEMA 1 (2510KG1)	30	2	2	2	--	--
8890-5426-I	15A Disconnect with Pilot Light	15	2	0.5	--	--	--
8890-54522-W	20A Disconnect Switch	20	2	1	2	--	--
8890-MS403	Disconnect Switch 40A	40	3	7.5	15	20	40
8890-N13NC	NEMA 1 Steel Disconnect Switch Enclosure with lockout	--	--	--	--	--	--



KG1-2P1PH



EL1/3-25A



DS1/3-30A



8890-54522-W



8890-5426-I

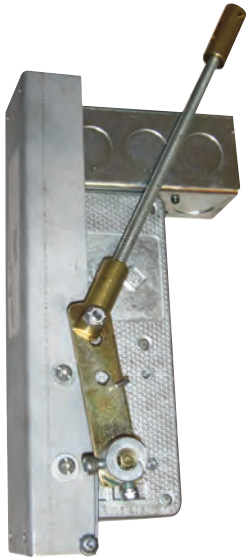


8890-N13NC



8890-MS403

Controls / Operators



MULTI PRODUCTS



BELIMO ACTUATORS

MANUFACTURER	MODEL	DESCRIPTION	MAX. DAMPER SQ. FT.		VOLTAGE
			WITH SEALS	NO SEALS	
CHAIN OPERATOR	CHAINOP	MANUAL OPEN/MANUAL CLOSE	N.A.	N.A.	N.A.
LOCKING QUADRANT	2V100	MANUAL OPEN / MANUAL CLOSE	N.A.	N.A.	N.A.
MULTI PRODUCTS	2W100-115/230	POWER OPEN SPRING RETURN	3.0	6	115/230V AC
	2W104	POWER OPEN SPRING RETURN	3.0	6	24V AC
BELIMO	LF24	POWER OPEN SPRING RETURN	4.0	8	24V AC/DC
	LF24-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	4.0	8	24V AC/DC
	LF24-SR	MODULATING POWER OPEN SPRING CLOSE	4.0	8	24V AC/DC
	LF120	POWER OPEN SPRING RETURN	4.0	8	120V AC
	LF120-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	4.0	8	120V AC
	LF230	POWER OPEN SPRING RETURN	4.0	8	230V AC
	LF230-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	4.0	8	230V AC
	NFB24-SR	MODULATING POWER OPEN SPRING CLOSE	7.5	15	24V AC/DC
	NFBUP	POWER OPEN SPRING RETURN	7.5	15	24/120/230V AC/DC
	NFBUP-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	7.5	15	24/120/230V AC/DC
	AF24-SR	MODULATING POWER OPEN SPRING CLOSE	17.5	35	24V AC/DC
	AFBUP	POWER OPEN SPRING RETURN	17.5	35	24/120/230V AC/DC
	AFBUP-S	POWER OPEN SPRING RETURN C/W AUX. SWITCH	17.5	35	24/120/230V AC/DC

COMMERCIAL VENTILATION PRODUCTS

Introducing a new line of commercial ventilation products that are compact, low noise & high volume and are ideal for high rise and condominium building ventilation. Products include poly mixed flow fans, inline HRV/ERV's and dryer booster fans. For more information contact your Sales Representative to request a catalogue or visit our website at www.canarm.com

MODEL

FEATURES

VKM-ANTIRADON SERIES INLINE CENTRIFUGAL METAL FAN



VKM-AntiRADON fans are specially designed with high pressure capabilities for radon mitigation applications.

- Voltage: 120V, 60Hz
- Motor: Single-phase external rotor motor with backward curved centrifugal impellers
- Duct compatibility: Ø 4", 5", 6", 8", 10", 12"
- Airflow capacity: up to 871 CFM
- Sones: 7.14 – 11.5
- Power consumption: 106 – 293 W
- Suitable for airstreams up to 122° F
- IP X4 protection
- Thermal overload protection
- Mounting bracket included
- 3 year warranty

TURBO TUBE TT SERIES POWERFUL MIXED FLOW FANS



Ideal for bathrooms, kitchens, apartments, restaurants, pools, offices, manufacturing facilities and more!

- High air volume and static pressure applications
- Quiet & efficient, vibration free operation
- Durable and corrosion resistant casing
- Reliable external rotor motor design
- Permanently lubricated ball bearing motor for maintenance free operation
- Automatic reset thermal overload protection
- Pre-wired and supplied with mounting bracket for easy installation
- Rated for continuous operation
- Strong construction for long life
- 3 year warranty

TURBO TUBE PRO SERIES SUPER HIGH POWERED INLINE FANS



Ideal for Kitchens, Pools, Stores, Bars, Restaurants, Offices, Manufacturing Facilities, and more!

- High Performance: up to 378 CFM
- Energy Efficient: 38 – 81 w
- Duct Compatibility: 4", 5", 6"
- High Pressure
- Built-in 2-speed switch & power cord include
- Rotary and removable central "body" for easy installation & maintenance
- Double-speed capacitor motor with thermal overload protection
- Long-life ball bearing (up to 40 000 hours)
- Vibration free operation
- Compact size for limited spaces
- Lightweight, durable and uv resistant plastic case (flame rating – 5va)
- Corrosion free
- 3 year warranty

TURBO TUBE SILENT SERIES QUIET & ENERGY EFFICIENT INLINE MIXED FLOW FANS



Ideal for bathrooms, kitchens, apartments, offices, libraries, education facilities, galleries and more!

- Quiet Operation: 0.6 – 2.5 Sones
- High Performance - up to 327 CFM
- Energy Efficient - 22 – 64 W
- Duct Compatibility: 4", 5", 6"
- Compatible with high pressure system
- Double Speed capacitor motor with thermal overload protection
- Long-life ball bearing (up to 40,000 hours)
- Built-in 2-speed control switch & power cord
- Rotary and removable central body for easy installation & maintenance
- Compact size for limited spaces
- Lightweight, durable and UV resistant plastic case (Flame rating - 5VA)
- Vibration free operation
- Corrosion free
- 3 year warranty

TURBO TUBE SILENT M SERIES QUIET & ENERGY EFFICIENT FANS IN METAL NOISE ABSORBING CASE



Ideal for bathrooms, kitchens, apartments, offices, libraries, education facilities, galleries and more!

- Silent Operation: 0.3 – 4.0 Sones
- High Performance - up to 1050 CFM
- Energy Efficient - 22 – 353 W
- Duct Compatibility: 4", 5", 6", 8", 10", 12 3/8"
- Compatible with high pressure system
- Double Speed capacitor motor with thermal overload protection
- Long-life ball bearing (up to 40,000 hours)
- Built-in speed control switch & power cord
- Durable metal noise absorbing case
- Rotary and removable central body for easy installation & maintenance
- Compact size for limited spaces
- Vibration free operation
- 3 year warranty

VKP SERIES INLINE CENTRIFUGAL FANS - BACK CURVED IMPELLER



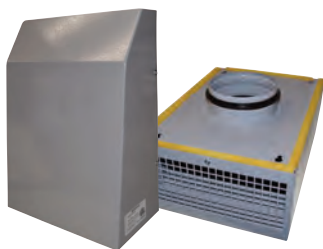
Designed for extract and input ventilation. Ideal for apartments & condos.

- Excellent aerodynamics and low noise
- External rotor motor on ball bearings and the backward curved, balanced impeller is suitable for high pressure application, prevent vibration and ensure quiet operation
- Fan housing is made of galvanized steel
- VKP 125/125-2 and VKP 150/150-2 models are available with two inlets
- Suitable for low ceilings and tight spaces
- Hinges provide quick and fast access to the motor for easy cleaning and maintenance
- Vertical or horizontal installation
- 3 year warranty

MODEL

FEATURES

VCN SERIES OUTDOOR WALL MOUNTED CENTRIFUGAL FANS



For high static pressure applications. Ideal for bathroom exhaust, kitchen ventilation, living areas, whole house ventilation, workshops & smoking areas, offices, bars & restaurants, warehouses, and more.

- High airflow and static pressure applications
- Quiet & efficient, vibration free operation
- Durable and corrosion resistant casing
- Durable, external rotor motor design
- Permanently lubricated ball bearing motors for maintenance-free operation
- Automatic reset thermal overload protection
- Casing can be easily removed for cleaning
- Rated for continuous operation
- Optimized efficiency, low maintenance costs
- Five year warranty

TWINFRESH COMFO RA1-50-2 SINGLE ROOM TOTAL RECOVERY VENTILATOR



The Single Room Total Recovery ventilator TwinFresh is an easy and effective solution for rooms and smaller areas. The most innovative ventilation for buildings under construction and renovation.

- Fresh air supply
- Heating cost savings during winter
- Reduced cooling costs during summer
- Indoor humidity control
- One TwinFresh COMFO can ventilate up to 343 sq ft
- Units can operate independently or can be wired for master-slave operation
- Air filtration
- Anti-bacterial air treatment
- Polluted air extract
- 3 Year Warranty

VENTO EXPERT A50-1 PRO & A50 PRO S SINGLE ROOM HEAT & ENERGY RECOVERY UNITS



- Arrangement of balanced energy saving, supply and exhaust, single-room ventilation in kitchen, bathroom and utility room.
- Reduces heat loss by mixing outside and inside air.
- Wi-Fi communication between several single-room ventilation units for coordinated operation. Controlled by Android or IOS smartphone or tablet.

HRV MICRA 60 SINGLE ROOM HEAT RECOVERY VENTILATOR



Micra 60 is a single room heat recovery ventilator suitable for large rooms, such as apartments or small commercial places. No need to connect to air ducts.

- Efficient heat recovery ventilation for separate rooms
- Energy recovery efficiency is 79%
- EC-motor
- Three operating modes
- Silent operation (0.38 – 1.0 Sones)
- For rooms up to 650 sq ft
- Air cleaning with two G4 built-in filters
- Easy mounting
- Suitable for continuous operation
- 3 Year Warranty

HRV MICRA 150 SINGLE ROOM HEAT RECOVERY VENTILATOR



MICRA 150 is a single-room heat recovery unit. It is designed to provide the ideal single room ventilation of social and commercial premises, flats and cottages.

- Efficient supply and exhaust ventilation of separate premises (rooms)
- Polystyrene plate counter-flow core with sensible recovery efficiency 85-88%
- EC fans with low energy demand (8 to 51 W)
- Integrated automation with 3 operation modes (up to 71 CFM)
- For rooms up to 900 sq ft
- Silent operation (1-1.8 Sones)
- Air cleaning with two built-in filters
- Easy mounting
- Compact sizes
- 3 Year Warranty

MODEL

FEATURES

FRIGATE HRV 60S/120S & ERV 120S HEAT RECOVERY VENTILATOR, ENERGY RECOVERY VENTILATOR



Both Heat and Energy Recovery Ventilators are the complete whole house ventilation system designed to bring a continuous supply of fresh air into the house while exhausting an equal amount of stale air.

- Effective energy-saving solution
- Multizonal efficient recovery ventilation
- Cross flow core with SRE greater than 62%
- Heat recovery (HRV) or Energy Recovery (ERV)
- Low profile
- Silent operation
- Replaceable filters
- Ceiling installation
- Simple installation and maintenance
- 3 Year Warranty

BRIG HRV 120/170 & 200/300 HEAT RECOVERY VENTILATOR



A Heat Recovery Ventilator is a complete whole house ventilation system designed to bring a continuous supply of fresh air into the house while exhausting an equal amount of stale air.

- Efficient centralized heat recovery ventilation
- Cross flow core with SRE up to 85%
- Silent operation
- Replaceable filters
- Simple installation and maintenance
- Compatible with 6" and 8" air ducts
- Electronic defrost protection
- 3 year warranty

BUCKET FANS



Designed for extract and input ventilation. Ideal for apartments & condos.

- For use in commercial, educational, government, or industrial settings with 15' to 30' plus ceilings
- Fan casing is made of steel with polymeric coating, while impeller is made of aluminum.
- Asynchronous motor on ball bearings
- Thermally protected
- Speed controllable
- Easy to install
- Quiet operation
- Two year warranty

OV1 SERIES AXIAL FANS



Specifically designed for direct air exhaust through the wall, the VENTS OV1 series fans are perfect ventilation solutions for parking garages, agricultural facilities and stores.

- Voltage: 120 V, 60 Hz
- Motor: Single-phase asynchronous motor
- Duct compatibility: Ø 8 3/16", 10 5/16", 12 5/16"
- Airflow capacity: up to 766 CFM
- Sones: 2.5 – 5.1
- Power consumption: 43 – 109 W
- Suitable for working airstreams up to 32-104 °F
- IPX4 protection
- Thermal overload protection
- Five year warranty

LD / MA SERIES AXIAL FANS



LD

MA

LD Series fans are the perfect ventilation solution for modern kitchens, and bathrooms. MA Series fans with automatic shutters are designed for through the wall or wall mount applications.

- Sizes available from 4", 5", 6"
- Speed controllable (LD Series)
- Automatic shutters (MA Series)
- Quiet and powerful
- Vibration free operation
- Easy installation
- Corrosion resistant
- UV resistant, UL94 certified plastic
- ETL listed

VKOM SERIES AXIAL FANS



Specially designed for mounting inside ventilation shaft, VKOM fans are the perfect air movers.

- Voltage: 120 V, 60 Hz
- Motor: Single-phase asynchronous motor
- Duct compatibility: Ø 6", 8"
- Airflow capacity: up to 262 CFM
- Sones: 1.6 – 5.1
- Power consumption: 28 – 109 W
- Suitable for working airstreams up to 32-104 °F
- IPX4 protection
- Thermal overload protection
- 3 year warranty

Ceiling Fans



Chandeliers / Pendants



LED Disk Lights



Vanity Lights



Canarm has a long and successful history supplying lighting and ceiling fans, to the Specialist Lighting, Hardware, Home Improvement and Commercial market sectors. We have worked diligently in creating a comprehensive selection of styles and designs as well as maintaining high standards of quality and value.

Fluorescents



Flush / Semi-Flush Mounts



For more information on

CANARM LIGHTING & CEILING FANS

Contact your Sales Representative to request a catalogue or visit our website at www.canarm.com

Bulbs



Outdoor Lights



Portables



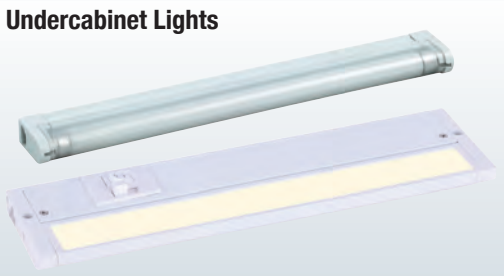
High Bay Lights



Wall Lights



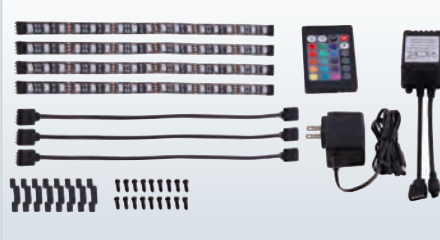
Undercabinet Lights



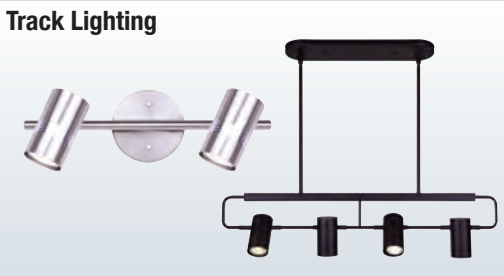
Recessed Lights



LED Tape Strips



Track Lighting





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April 2024

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CANARM.... PROVIDING CUSTOMERS WITH VALUE, KNOWLEDGE AND QUALITY PRODUCTS

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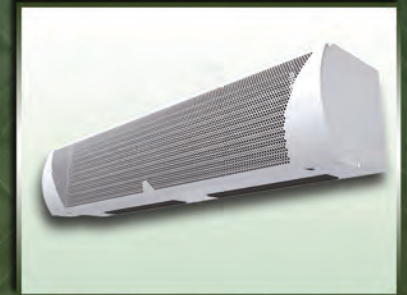
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2555 Rue Bernard Lefebvre
Laval, Quebec H7C 0A5
Canada
Tel: (450) 665-2535
Fax: (450) 665-0910

Wall Exhaust Fans

Air Circulation & Mancoolers

Air Curtains



CANARM.... PROVIDING CUSTOMERS WITH VALUE, KNOWLEDGE AND QUALITY PRODUCTS

AIR CIRCULATION & MANCOOLERS

FANBOS HVLS Fan	1
HVLS Tri-Lite Commercial EC Fans	2
HVLS Tri-Lite Economic HVLS Fans	3
HVLS Tri-Lite Direct Drive HVLS Fans	4
HVLS Penta-Lite Commercial EC Fans	5
HVLS Penta-Lite Economic HVLS Fans	6
HVLS Hexa-Lite HVLS Fans	7
HVLS Octa-Lite Commercial EC Fans	8
HVLS Fan Controls	9
How to Choose a Fan	10
DC Industrial Ceiling Fan	11
Industrial Fan Gaurd	12
Downrods & Mounting Kit	12
Ceiling Fan Speed Controls	12
HVF SERIES High Velocity Floor/Table/Wall Circulating Fans	13
HVRA SERIES High Velocity Economy Fans	13
LF SERIES High Velocity Ceiling or Wall Fans	14
HAF SERIES 18" Horizontal Airflow Fan	14
CA SERIES Industrial Grade Circulating Fan Heads & Mounting Accessories	15
PBKD/WMKD SERIES Commercial Circulating Fans	16
CCU SERIES Commercial Circulating Fans	16
HVR SERIES Drum Fans	17
MCS & MCSA SERIES High Stand Industrial Mancoolers	18
MCU & MCUA SERIES Low Stand Industrial Mancoolers	19
MCY & MCYA SERIES Yoke Mount Industrial Mancoolers	20

WALL EXHAUST FANS

XBL SERIES Belt Drive Wall Fans	21
XB SERIES Belt Drive Wall Fans	22
SXB SERIES Belt Drive Wall Supply Fans	23
HV SERIES Belt Drive Wall Exhaust Fans	24
HVA SERIES Belt Drive Wall Exhaust Fans	25
ADD SERIES Direct Drive Wall Fans	26
DDP SERIES Direct Drive Wall Fans	27
DDS SERIES Direct Drive Wall Fans	28
Wall Exhaust Fans & Venturi Dimensions for Standard Options	29
Wall Exhaust Options & Accessories	30
HOODS	31
AX SERIES Shutter Mounted Fans	32
AX-EC SERIES Shutter Mounted Fans with EC Motor	33
P SERIES Panel Mounted Fans	34
P SERIES Supply Fans	35
Accessories for AX & P Series Fans	36
SD SERIES Standard Wall Exhaust Fans	37
GREEN SERIES SD-EC Standard Wall Exhaust Fans with EC Motor	39
SD SERIES Explosion Proof Standard Wall Exhaust Fans	40
XFS SERIES Exhaust Shutter Fans	41

AIR CURTAINS	43
---------------------------	----

CONTACTS	Back
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NOTE:

Commercial products ship from our Brockville, Ontario location and ship collect. Contact your Sales Representative for details.

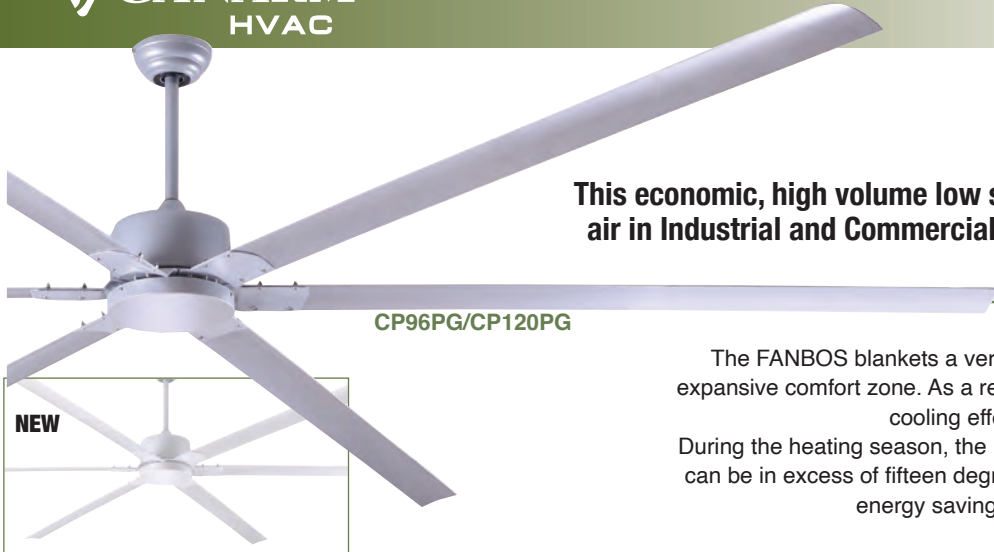


IN A HURRY?

Get select blowers and axial fans fast when you're in a hurry or need an emergency replacement. Ask your Sales Representative for details.

FANBOS

This economic, high volume low speed fan design is ideal for circulating air in Industrial and Commercial applications and can help save energy year round.



CP96PG/CP120PG

The FANBOS blankets a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility. During the heating season, the FANBOS can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.



NEW

CP96WH/CP120WH



NEW

CP96-LEDBK

Complete with light kit



NEW

CP96BK/CP120BK

OPTIONAL 1000 LUMENS LIGHT KITS



LK-CPPG - Grey



LK-CPWH - White



LK-CPBK - Matte Black

FEATURES

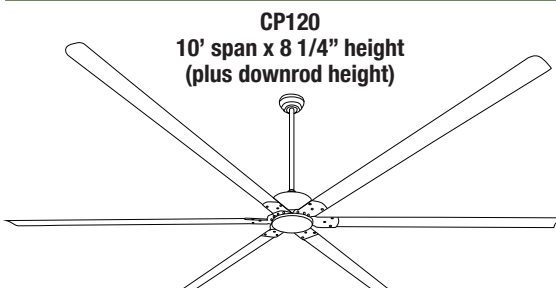
- Six aluminum airfoils contoured for maximum air movement
- DC motor for quiet performance and low operating cost
- 5 speed forward and reverse with remote control (wall mountable)
- Control multiple fans with one remote within 50'
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments
- Standard with a 1" diameter 12" downrod mount. Optional 24" and 36" long downrods are available to purchase
- Easy installation with standard ball hanger design
- 48" lead wires
- 120 volt
- Damp rated
- Available in grey, white and matte black finishes
- CP96-LEDBK comes complete with light kit
- Title-20 certified
- 5 year warranty

PERFORMANCE SPECIFICATIONS

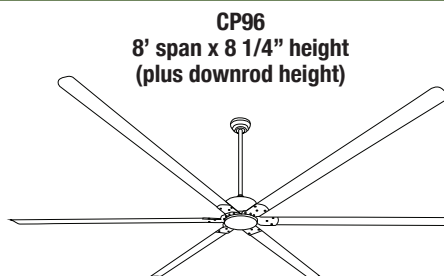
CP120						
SPEED	RPM	CFM	CFM/W	WATTS	AMPS	EFFICIENCY
HIGH SPEED	69	20693	335	61.8	0.9	565 CFM/W
LOW SPEED	32	11087	1827	9.1	0.1	
CP96						
HIGH SPEED	105	16729	281	61.6	0.9	487 CFM/W
LOW SPEED	49	10292	1711	6.0	0.1	



DIMENSIONS



CP120
10' span x 8 1/4" height
(plus downrod height)



CP96
8' span x 8 1/4" height
(plus downrod height)



COMPLETE WITH
5 SPEED CONTROL

TRI-LITE COMMERCIAL EC

Economic, direct drive, high volume low speed fan
ideal for industrial & commercial settings.



Operating on a 1.35 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Tri-Lite Commercial EC HVLS Fan.

Tri-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Tri-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.



FEATURES

- Equipped with three extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Three wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER (ft)	WEIGHT*** (lbs)
3L07MPEC-V*-P**	7'	120-460V (50/60hz)	204	5.2	1-3	1.35 (1.0)	3925	70	98
3L08MPEC-V*-P**	8'	120-460V (50/60hz)	156	5.2	1-3	1.35 (1.0)	5024	80	100

* Replace V with Input Voltage 115, 230 or 460. IE: 3L10MPEC-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar

Please note: Direct drive models are not 208 Volt 3 phase capable.

Note: Required controller sold separately. See HVLS controllers page

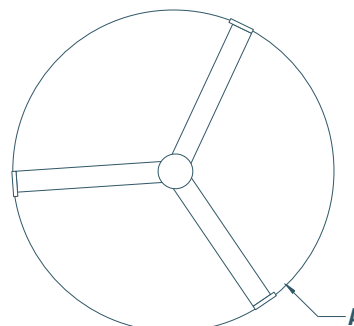
DIMENSIONS

MODEL	A	B***
3L07MPEC-V*-P**	7'	22.25"
3L08MPEC-V*-P**	8'	22.25"

* Replace V with Input Voltage 115, 230 or 460. IE: 3L10MPEC-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar



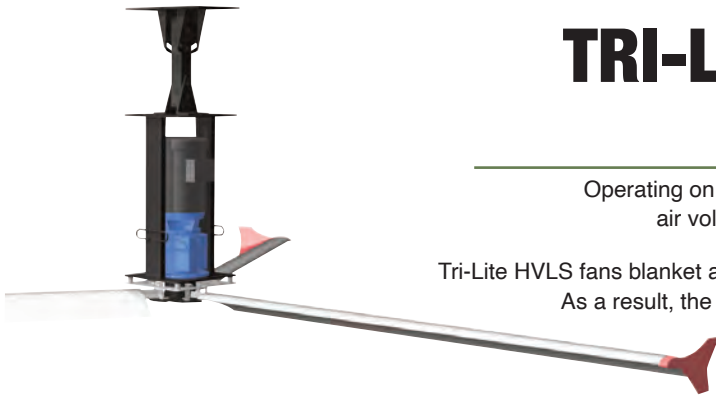
TRI-LITE ECONOMIC HVLS FANS

This economic, geared drive, high volume low speed fan design is ideal for industrial & commercial settings.

Operating on a 1.0 HP gear motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Tri-Lite 3L economic geared drive HVLS fan.

Tri-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Tri-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently



FEATURES

Conforms to CSA Standard 22.2# 133 and UL507

- Equipped with three high performance STOL design airfoils constructed of precision 6005-T5 extruded anodized aluminium alloy. Contoured for maximum air movement.
- Three wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Totally enclosed, fan cooled (TEFC) IP55 motor with precision finished gearbox for low noise and long service life. Sealed with lifetime synthetic oil. Robust 3-inch output shaft for strength with nylon bushing on input.
- Quiet Performance & Minimal Maintenance



PERFORMANCE SPECIFICATIONS

MODEL NUMBER	DIAMETER	NOMINAL MOTOR	VOLTS	MAX RPM	FLA	AREA OF INFLUENCE	NOISE LEVEL	WEIGHT***
3L12-V*-P**	12 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	105	1.69-3.38	120 Ft.	45 dBA	223 lbs.
3L14-V*-P**	14 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	86	1.69-3.38	140 Ft.	45 dBA	229 lbs.
3L16-V*-P**	16 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	73	1.69-3.38	160 Ft.	45 dBA	235 lbs.
3L18-V*-P**	18 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	49	1.69-3.38	180 Ft.	45 dBA	241 lbs.
3L20-V*-P**	20 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	49	1.69-3.38	200 Ft.	45 dBA	247 lbs.
3L24-V*-P**	24 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	42	1.69-3.38	240 Ft.	45 dBA	260 lbs.

* Replace V with Input Voltage 115, 230 or 460. IE: 3L24-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar

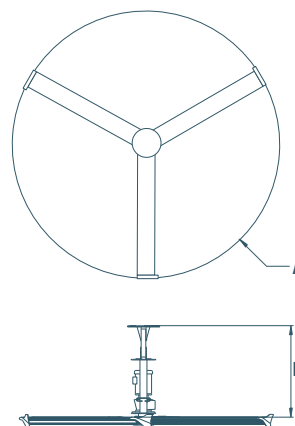
Note: Required controller sold separately. See HVLS controllers page

THE S.T.O.L. ADVANTAGE

Tri-Lite airfoils are engineered with S.T.O.L. (Short Take Off & Landing) Technology to obtain the greatest amount of lift at slower speeds. The more lift the airfoil can generate, the greater amount of air which can be displaced towards the floor. Due to an increase of lift created by the airfoil, Tri-Lite fans can operate at lower speeds with less power consumption and produce a higher distribution of airflow than other styles of airfoils.



DIMENSIONS



MODEL NUMBER	A	B***
3L12-V*-P**	12'	44"
3L14-V*-P**	14'	44"
3L16-V*-P**	16'	46"
3L18-V*-P**	18'	49"
3L20-V*-P**	20'	51"
3L24-V*-P**	24'	55"

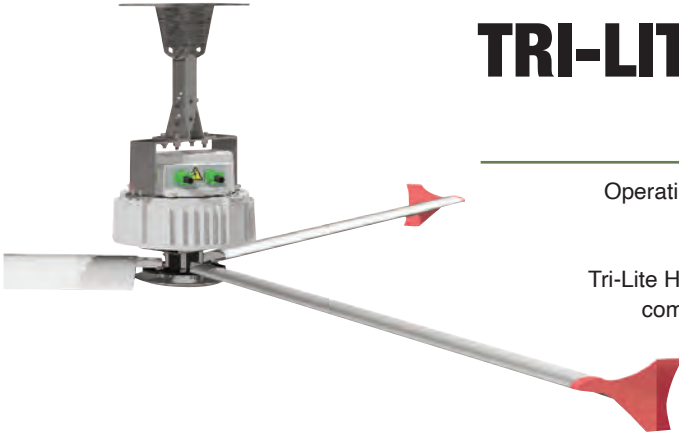
* Replace V with Input Voltage 115, 230 or 460. IE: 3L08EC-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar

TRI-LITE DIRECT DRIVE HVLS FANS

This economic, direct drive, high volume low speed fan design is ideal for industrial & commercial settings.



Operating on a 1.3 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Tri-Lite 3L Direct Drive HVLS Fan.

Tri-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Tri-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES Conforms to CSA Standard 22.2# 133 and UL507

- Equipped with three extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement, so environments become cooler faster.
- Three wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance



PERFORMANCE SPECIFICATIONS

MODEL NUMBER	DIAMETER	NOMINAL MOTOR	VOLTS	MAX RPM	FLA	AREA OF INFLUENCE	NOISE LEVEL	WEIGHT***
3L16EC-V*-P**	16 Ft	1 kW (1.35 HP) - 50/60hz	198-480	73	5.2	160 Ft.	35 dBA	255 lbs.
3L18EC-V*-P**	18 Ft	1 kW (1.35 HP) - 50/60hz	198-480	55	5.2	180 Ft.	35 dBA	260 lbs.
3L20EC-V*-P**	20 Ft	1 kW (1.35 HP) - 50/60hz	198-480	50	5.2	200 Ft.	35 dBA	265 lbs.
3L24EC-V*-P**	24 Ft	1 kW (1.35 HP) - 50/60hz	198-480	43	5.2	240 Ft.	35 dBA	270 lbs.

* Replace V with Input Voltage 115, 230 or 460. IE: 3L08EC-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar

Please note: Direct drive models are not 208 Volt 3 phase capable.

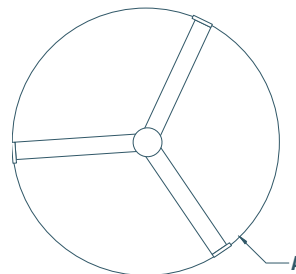
Note: Required controller sold separately. See HVLS controllers page

THE S.T.O.L. ADVANTAGE

Tri-Lite airfoils are engineered with S.T.O.L. (Short Take Off & Landing) Technology to obtain the greatest amount of lift at slower speeds. The more lift the airfoil can generate, the greater amount of air which can be displaced towards the floor. Due to an increase of lift created by the airfoil, Tri-Lite fans can operate at lower speeds with less power consumption and produce a higher distribution of airflow than other styles of airfoils.



DIMENSIONS



MODEL NUMBER	A	B***
3L16EC-V*-3**	16'	40"
3L18EC-V*-3**	18'	43"
3L20EC-V*-3**	20'	45"
3L24EC-V*-3**	24'	49"

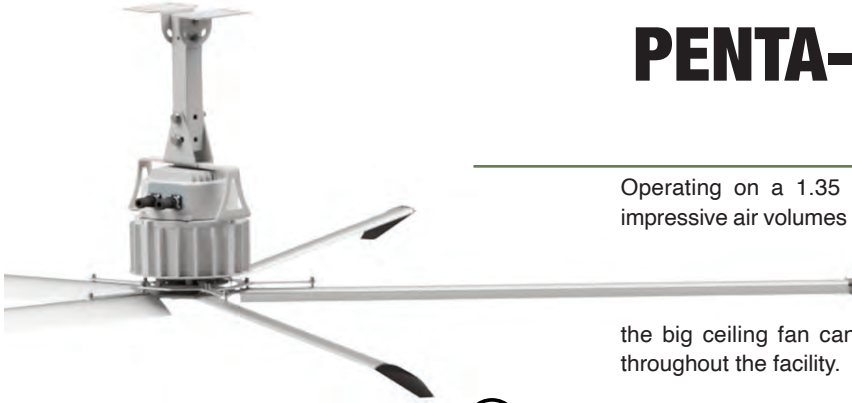
* Replace V with Input Voltage 115, 230 or 460. IE: 3L08EC-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar

PENTA-LITE COMMERCIAL EC

Economic, direct drive, high volume low speed fan
ideal for industrial & commercial settings.



Operating on a 1.35 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Penta-Lite Commercial EC HVLS Fan.

Penta-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Penta-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES

- Equipped with five extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Five wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER (ft)	WEIGHT*** (lbs)
5L07EC-V*-P**	7'	120-460 V (50/60hz)	170	5.2	1-3	1.35 (1.0)	3,925	70	103
5L08EC-V*-P**	8'	120-460 V (50/60hz)	130	5.2	1-3	1.35 (1.0)	5,024	80	105
5L10EC-V*-P**	10'	120-460 V (50/60hz)	85	5.2	1-3	1.35 (1.0)	7,850	100	110
5L12EC-V*-P**	12'	120-460 V (50/60hz)	80	5.2	1-3	1.35 (1.0)	11,304	120	114
5L14EC-V*-P**	14'	120-460 V (50/60hz)	60	5.2	1-3	1.35 (1.0)	15,386	140	118
5L16EC-V*-P**	16'	120-460 V (50/60hz)	45	5.2	1-3	1.35 (1.0)	20,096	160	122

* Replace V with Input Voltage 115, 230 or 460. IE: 5L14EC-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 6-1/2" extension bar

Please note: Direct drive models are not 208 Volt 3 phase capable.

Note: Required controller sold separately. See HVLS controllers page

DIMENSIONS

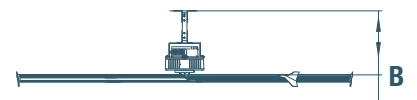
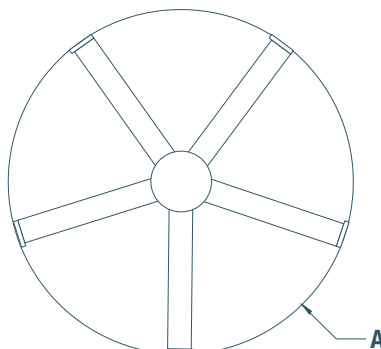
MODEL	A	B***
5L07EC-V*-P**	7'	22.25"
5L08EC-V*-P**	8'	22.25"
5L10EC-V*-P**	10'	22.25"
5L12EC-V*-P**	12'	22.25"
5L14EC-V*-P**	24'	22.25"

* Replace V with Input Voltage 115, 230 or 460.

IE: 5L14EC-230-3.

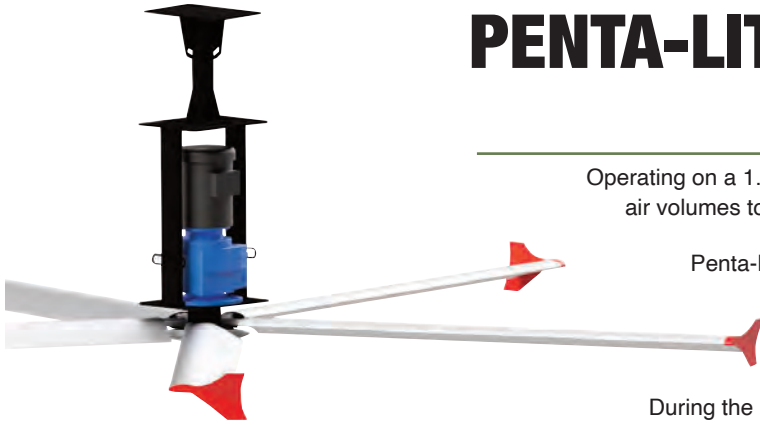
** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 6-1/2" extension bar



PENTA-LITE ECONOMIC HVLS FANS

This economic, geared drive, high volume low speed fan design is ideal for industrial & commercial settings.



Operating on a 1.0 HP gear motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Penta-Lite 5L economic geared drive HVLS fan.

Penta-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Penta-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES

Conforms to CSA Standard 22.2# 133 and UL507

- Equipped with five high performance STOL design airfoils constructed of E420 non-anodized aluminium. Contoured for maximum air movement.
- Factory programmed Variable Frequency Drive (VFD) in remote mounted enclosure. Includes disconnect switch and fuse protection.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Open Drip Proof (ODP) motor with precision finished gearbox for low noise and long service life. Sealed with lifetime synthetic oil. Robust 3-inch output shaft for strength with nylon bushing on input.
- Quiet Performance & Minimal Maintenance



PERFORMANCE SPECIFICATIONS

MODEL NUMBER	DIAMETER	NOMINAL MOTOR	VOLTS	MAX RPM	FLA	AREA OF INFLUENCE	NOISE LEVEL	WEIGHT***
5L12-V*-P**	12 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	85	1.96-3.38	120 Ft.	45 dBA	246 lbs.
5L14-V*-P**	14 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	75	1.96-3.38	140 Ft.	45 dBA	256 lbs.
5L16-V*-P**	16 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	64	1.96-3.38	160 Ft.	45 dBA	266 lbs.
5L18-V*-P**	18 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	55	1.96-3.38	180 Ft.	45 dBA	277 lbs.
5L20-V*-P**	20 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	53	1.96-3.38	200 Ft.	45 dBA	287 lbs.
5L24-V*-P**	24 Ft.	0.75 kW (1.0 HP) - 48/62hz	99-660	42	1.96-3.38	240 Ft.	45 dBA	307 lbs.

* Replace V with Input Voltage 115, 230 or 460. IE: 5L24-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

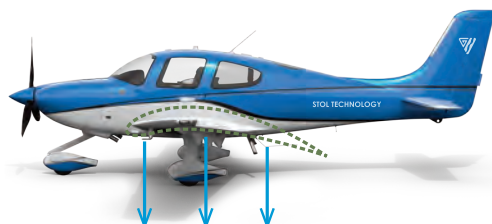
***Based on standard 1' extension bar

Note: Required controller sold separately. See HVLS controllers page

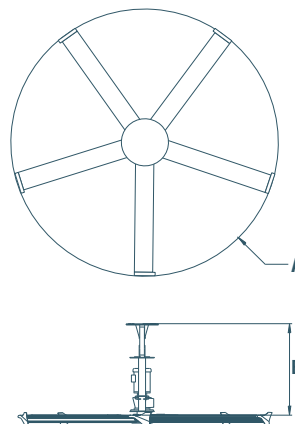
THE S.T.O.L. ADVANTAGE

Penta-Lite airfoils are engineered with S.T.O.L. (Short Take Off & Landing) Technology to obtain the greatest amount of lift at slower speeds. The more lift the airfoil can generate, the greater amount of air which can be displaced towards the floor.

Due to an increase of lift created by the airfoil, Penta-Lite fans can operate at lower speeds with less power consumption and produce a higher distribution of airflow than other styles of airfoils.



DIMENSIONS



MODEL NUMBER	A	B***
5L12-V*-P**	12'	44"
5L14-V*-P**	14'	44"
5L16-V*-P**	16'	44"
5L18-V*-P**	18'	49"
5L20-V*-P**	20'	51"
5L24-V*-P**	24'	55"

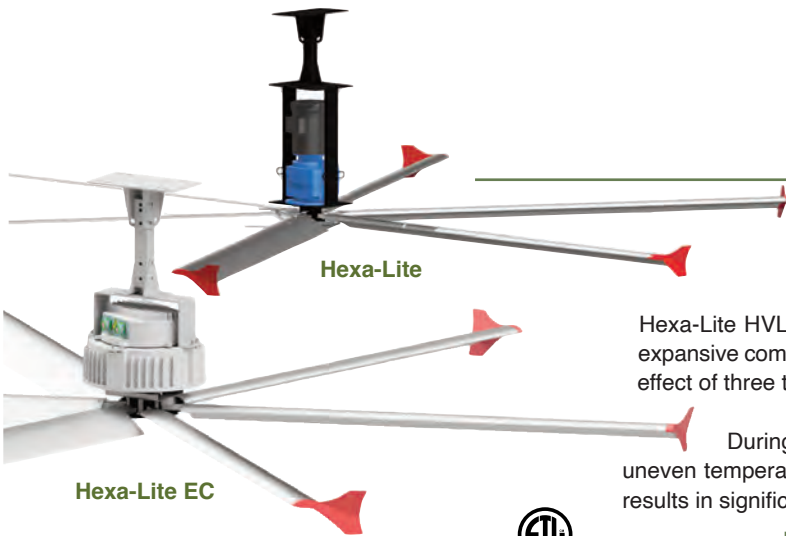
* Replace V with Input Voltage 115, 230 or 460. IE: 5L24-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar

HEXA-LITE HVLS FANS

Economic geared drive and direct drive high volume low speed fans ideal for industrial & commercial settings.



Operating on a 1.35 HP EC motor or a 1.0 HP gear motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Hexa-Lite and Hexa-Lite EC HVLS Fans.

Hexa-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Hexa-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.



FEATURES

- Equipped with six extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Six wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.

MOTORS

- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Totally enclosed, fan cooled (TEFC) IP55 motor with precision finished gearbox for low noise and long service life. Sealed with lifetime synthetic oil.

PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER (ft)	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER (ft)	WEIGHT*** (lbs)
6L14EC-V*-P**	14	198-460 (50/60hz)	75	5.2	1-3	1.35 (1.0)	15,386	140	315
6L16EC-V*-P**	16	198-460 (50/60hz)	64	5.2	1-3	1.35 (1.0)	20,096	160	325
6L18EC-V*-P**	18	198-460 (50/60hz)	55	5.2	1-3	1.35 (1.0)	25,434	180	335
6L20EC-V*-P**	20	198-460 (50/60hz)	50	5.2	1-3	1.35 (1.0)	31,400	200	345
6L24EC-V*-P**	24	198-460 (50/60hz)	33	5.2	1-3	1.35 (1.0)	45,216	240	355
6L12-V*-P**	12	99-660 (48/62hz)	85	2.3 - 5.2	1-3	1.0 (0.75)	11,304	120	286
6L14-V*-P**	14	99-660 (48/62hz)	75	2.3 - 5.2	1-3	1.0 (0.75)	15,386	140	298
6L16-V*-P**	16	99-660 (48/62hz)	64	2.3 - 5.2	1-3	1.0 (0.75)	20,096	160	310
6L18-V*-P**	18	99-660 (48/62hz)	55	2.3 - 5.2	1-3	1.0 (0.75)	25,434	180	323
6L20-V*-P**	20	99-660 (48/62hz)	50	2.3 - 5.2	1-3	1.0 (0.75)	31,400	200	335
6L24-V*-P**	24	99-660 (48/62hz)	42	2.3 - 5.2	1-3	1.0 (0.75)	45,216	240	380

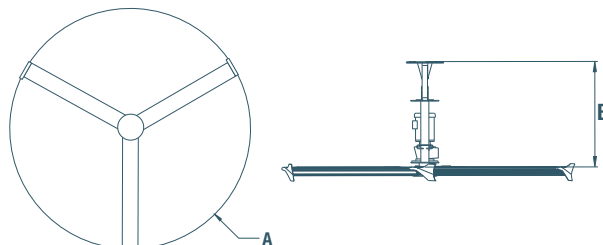
*Replace V with Input Voltage 230 or 460. IE: 6L24EC-230-3.
 **Replace P with 1 (Single Phase) or 3 (Three Phase)
 ***Based on standard 1' extension bar

*Replace V with Input Voltage 115, 230, 460 or 575. IE: 6L24-230-3.
 **Replace P with 1 (Single Phase) or 3 (Three Phase)
 ***Based on standard 1' extension bar

Please note: Direct drive models are not 208 Volt 3 phase capable.
 Note: Required controller sold separately. See HVLS controllers page

DIMENSIONS

MODEL	A	B***
6L14EC-V*-P**	14'	33"
6L16EC-V*-P**	16'	33"
6L18EC-V*-P**	18'	33"
6L20EC-V*-P**	20'	33"
6L24EC-V*-P**	24'	33"



MODEL	A	B***
6L12-V*-P**	12'	39"
6L14-V*-P**	14'	39"
6L16-V*-P**	16'	39"
6L18-V*-P**	18'	39"
6L20-V*-P**	20'	39"
6L24-V*-P**	24'	39"

*Replace V with Input Voltage 230 or 460. IE: 6L24EC-230-3.

**Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar

*Replace V with Input Voltage 115, 230, 460 or 575. IE: 6L24-230-3.

**Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 1' extension bar

OCTA-LITE COMMERCIAL EC

Economic, direct drive, high volume low speed fan
ideal for industrial & commercial settings.



Operating on a 1.35 HP EC motor, minimal power consumption is combined with impressive air volumes to create the highly efficient Octa-Lite Commercial EC HVLS Fan.

Octa-Lite HVLS fans blanket a very large area by constantly moving air to create an expansive comfort zone. As a result, the big ceiling fan can create an evaporative cooling effect of three to four degrees throughout the facility.

During the heating season, the Octa-Lite HVLS fan technology can destratify uneven temperatures that can be in excess of fifteen degrees from ceiling to floor. This results in significant energy savings since the heating system cycles less frequently.

FEATURES

- Equipped with eight extruded anodized, high performance E420 design aluminum airfoils. Contoured for maximum air movement so environments become cooler faster.
- Eight wingtip fences constructed of nylon 66 redirect outward airflow into downward airflow to improve and direct airflow downwards.
- 1/4" powder-coated steel and anodized aluminum chassis resists rusting and corrosion even in cold and damp environments.
- Direct drive system allows this fan to operate incredibly quiet. Totally enclosed direct drive, IP65 rated ECM motor. Onboard VFD is factory assembled and programmed for minimum start/stop torque loads.
- Quiet Performance & Minimal Maintenance.
- Conforms to CSA Standard 22.2# 133 and UL507.



PERFORMANCE SPECIFICATIONS

MODEL	DIAMETER	VOLTAGE (VAC)	MAX RPM	MOTOR FLA	PHASE	HP (KW)	AREA COVERED (sqft)	MAX EFFECTIVE DIAMETER	WEIGHT*** (lbs)
8L07EC-V*-P**	7'	120-460V (50/60hz)	140	5.2	1-3	1.35 (1.0)	3,925	70'	108
8L08EC-V*-P**	8'	120-460V (50/60hz)	100	5.2	1-3	1.35 (1.0)	5,024	80'	110
8L10EC-V*-P**	10'	120-460V (50/60hz)	70	5.2	1-3	1.35 (1.0)	7,850	100'	115
8L12EC-V*-P**	12'	120-460V (50/60hz)	65	5.2	1-3	1.35 (1.0)	11,304	120'	119
8L14EC-V*-P**	14'	120-460V (50/60hz)	55	5.2	1-3	1.35 (1.0)	15,386	140'	123
8L16EC-V*-P**	16'	230-460V (50/60hz)	45	5.2	1-3	1.35 (1.0)	20,096	160'	167

* Replace V with Input Voltage 115, 230 or 460. IE: 8L16EC-230-3.

** Replace P with 1 (Single Phase) or 3 (Three Phase)

***Based on standard 6-1/2" extension bar

Please note: Direct drive models are not 208 Volt 3 phase capable.

Note: Required controller sold separately. See HVLS controllers page

DIMENSIONS

MODEL	A	B***
8L07EC-V*-P**	7'	22.25"
8L08EC-V*-P**	8'	22.25"
8L10EC-V*-P**	10'	22.25"
8L12EC-V*-P**	12'	22.25"
8L14EC-V*-P**	14'	24.50"

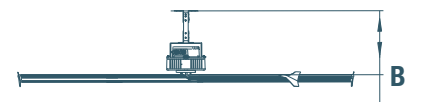
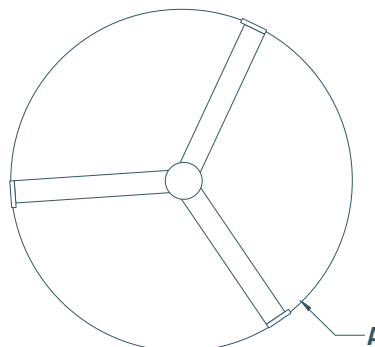
*Replace V with Input Voltage 115, 230 or 460.

IE: 8L16EC-230-3.

** Replace P with 1 (Single Phase) or

3 (Three Phase)

***Based on standard 6-1/2" extension bar



HVLS CONTROLLERS



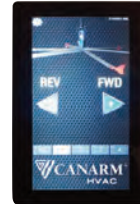
AP-1046
AUTOPILOT MULTI-FAN CONTROLLER

Wall mounted controller with 7" LCD touchscreen interface. Web-based controller supports up to 24 fans. The included mobile controller app allows full control of all your fans from anywhere on or off your wifi network.



RC-1077
RADAR CONTROLLER

Digital interface controls all fan functions including programming, fault viewing, and more. Control up to 63 fans individually or as a group. Operate fans for cooling or destratification.



TGPC-1047
TOUCH 'N' GO PREMIER CONTROLLER

Control multiple fans in groups or individual. Operate your fans in either forward or reverse. 0-100% speed control. Fully digital interface. Visual indicators of speed and direction. Password lockout capability.



VLD-1069
VLD CONTROLLER

Easily mounts to wall for controlling each fan individually via an economic digital interface.



SY-1034-1
SINGLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 100 Ft., 6-core shielded cable. One per fan required.



DY-1034-2
DOUBLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. Nema 4X. 2) 100 Ft., 6-core shielded cables. One per two fans required.



TY-1034-3
TRIPLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 3) 100 Ft., 6-core shielded cables. One per three fans required.



UL-1067
ULTRALITE CONTROL

Easily mounts to wall for controlling each fan individually. Allows operation of the fan for cooling and destratification.

TRI-LITE EC SERIES CONTROLLERS



SY-1034-1
SINGLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 100 Ft., 6-core shielded cable. One per fan required.



DY-1034-2
DOUBLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. Nema 4X. 2) 100 Ft., 6-core shielded cables. One per two fans required.



TY-1034-3
TRIPLE YOKE CONTROL

Includes Fwd/Off/Rev switch and 0-10 speed pot to control fan speed. 3) 100 Ft., 6-core shielded cables. One per three fans required.



UL-1067
ULTRALITE CONTROL

Easily mounts to wall for controlling each fan individually. Allows operation of the fan for cooling and destratification.



VLD-1069
VLD CONTROLLER

Easily mounts to wall for controlling each fan individually via an economic digital interface.

WINTER ENERGY SAVINGS BY HEAT DESTRATIFICATION

Everyone knows that hot air rises. Buildings with ceilings higher than 8 feet have a significant amount of stored heat at the ceiling that will transfer through the roof and be lost and wasted. The higher the ceiling, the greater amount of energy loss potential from the stored heat at the top of the building. This heat/energy loss can be significantly reduced resulting in lower energy bills by the use of Canarm Ceiling Fans.

There can be as much as 25 degrees Fahrenheit difference between floor and ceiling. Heaters will be working when the floor level temperature is 65°F and there is already 80 degree air at the ceiling ready to be recycled. (See **Figure 1**). The use of Canarm Ceiling Fans in this situation will move this hot air down from the ceiling to create a more even air temperature throughout the building resulting in a more comfortable working environment and potentially reducing your energy bills by as much as 30%. (See **Figure 2**)

SHIPPING DOOR AIR CURTAIN

Cold air entering a building and heat loss from shipping doors is a significant waste of energy in cold weather. A Canarm ceiling fan can be positioned in front of the door pushing air down and out. When the shipping door is opened, the fan helps hold back cold air and the warm air is kept in.

HOW TO CHOOSE A FAN

Ceiling fan choice and layout is based on ceiling height and the floor area of the building. As the height of the ceiling increases, larger and more powerful fans are required to achieve destratification.

The floor air coverage of a fan will be greater the higher the ceiling of the building. This is because of the natural cone shape of the air pattern produced by the fan.

Canarm provides two types of fans:

- The traditional ceiling fan, low cost, good performance, great for dry locations.
- High performance, water resistant models - great for more demanding applications with high moisture or greater air velocity requirements. Use the chart to help choose the correct fan size/type and quantity to suit your requirements.

EXAMPLE:

What size and how many fans would be required for a building that is 100 feet wide x 250 feet long and has as ceiling height of 16 feet? A typical layout for a building is illustrated.

- By using the chart, we see that a ceiling height of 16 feet requires a 56" fan.
- Floor Area of the building = 100 feet wide x 250 feet long = 25,000 square feet.
- From the chart, we know that the Fan Floor Area. Coverage of the 56" model is 1400 square feet.
- Therefore, the number of fans required = Floor Area of building / Fan Floor Area Coverage 25,000 square feet / 1400 square feet = 18 fans.

Note: An additional fan should be used about 10 feet in front of each shipping door to act as an air curtain and reduce heating bills in the winter.

FIGURE 1

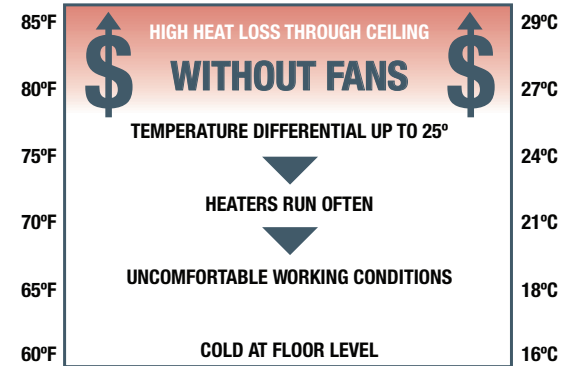
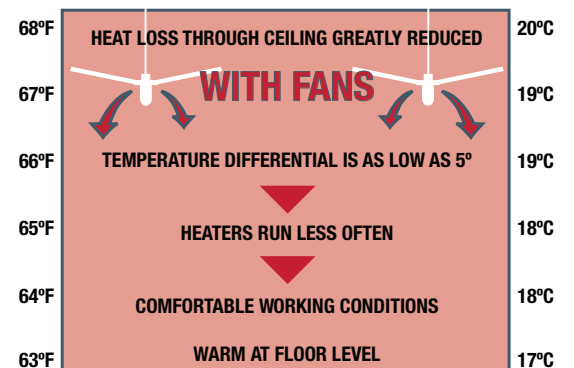
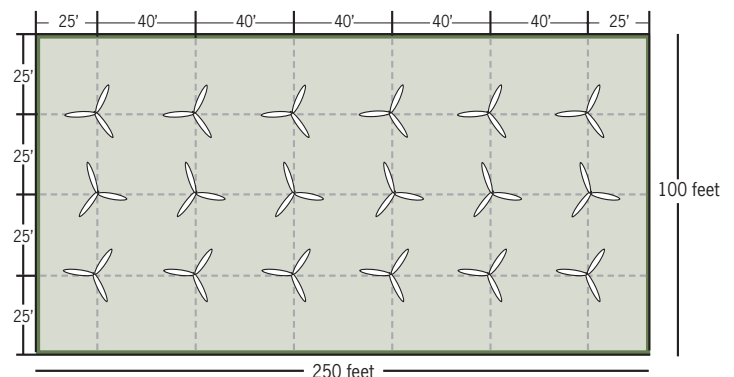


FIGURE 2



CEILING HEIGHT	SUGGESTED FAN SIZE	FAN FLOOR AREA COVERAGE (SQ. Feet)
12' - 13'	48"	950
14' - 15'		1150
16' - 17'	56"	1400
18' - 19'		1600
20' - 21'		1800
22' - 25'		2250
26' - 30'	60"	2700



DC - INDUSTRIAL CEILING FAN

Ideally suited for circulating air in Industrial and Commercial Applications. Canarm's "DC" Fans help save energy year round.

IMPORTANT NOTICE:

In order to operate, DC industrial fans **MUST** be installed with our RREM-DCQ014-W wall control. DC fans not for use with MC controls.



FEATURES

NEW DC MODELS

- Available with 48", 56", and 60" blade sweeps.
- Cutting edge technology, DC motor.
- High Performance or High Performance Weather Proof.
- Up to 70% more energy efficient.
- 5 speed with forward and reverse.
- Extremely quiet, even at low speeds.
- Extended motor life. 10 yr warranty.
- Faster startup, stop, change speeds and reversing.

- Easy to install, 50% less weight.
- Air Movement and energy consumption - 56" DC model 244 CFM/watt vs 106 CFM/watt AC model.
- Title-20 certified
- **NRCAN AND DOE COMPLIANT FOR CANADA AND THE USA.**

DC vs AC FANS

DC fans are highly energy efficient, up to 70% more energy efficient than AC fans. The initial cost is higher than comparable AC fans but the efficiency of DC fans recovers the cost over time on your energy bill. You will see the best returns in locations with high electricity rates.

You can expect less noise and more speed control with a DC fan. DC fans are extremely quiet, even at low speeds. With the extra control over the fan's speed you can manage airflow better, further reduce power consumption and increase life expectancy of DC fans by not being forced into a fixed higher speed to meet your airflow needs.

DC motors require minimal maintenance and produce less heat compared to AC motors, increasing the lifespan of the fan. Parts can be more expensive for a DC motor however, that is why we back up our motors with a 10 year warranty so you can feel confident in your investment.

SPECIFICATIONS

MODEL NUMBER	COLOUR	FAN SIZE	CFM	VOLTAGE	AMPS	CFM/W	FORWARD & REVERSE	DOWNROD LENGTH	SHIPPING WEIGHT (LBS)
CP48D11N	WHITE	48"	7370	120	0.6	211	YES	16"	17
CP56D11PN (c/w cord + plug)	WHITE	56"	8449	120	0.6	244	YES	16"	18.5
CP56D11N	WHITE	56"	8449	120	0.6	244	YES	16"	18.5
CP56D10N	BLACK	56"	8449	120	0.6	244	YES	16"	18.5
CP56D1136N	WHITE	56"	8449	120	0.6	244	YES	36"	22

HIGH PERFORMANCE WEATHER PROOF - WATER RESISTANT (rubber gaskets & stainless screws)

MODEL NUMBER	COLOUR	FAN SIZE	CFM	VOLTAGE	AMPS	CFM/W	FORWARD & REVERSE	DOWNROD LENGTH	SHIPPING WEIGHT (LBS)
CP48DW11N	WHITE	48"	7370	120	0.6	211	YES	16"	17
CP56DW11N	WHITE	56"	8449	120	0.6	244	YES	16"	18.5
CP60DW11N	WHITE	60"	8944	120	0.6	259	YES	16"	18.5

CONTROL

RREM-DCQ014-W

- Wall mount speed control for DC motors only.
- Controls up to 5 DC fans.
- ON/OFF, 5-speed forward & reverse.

Downrods available as accessories in 8" or 36" sizes. See next page.



IMPORTANT NOTICE:

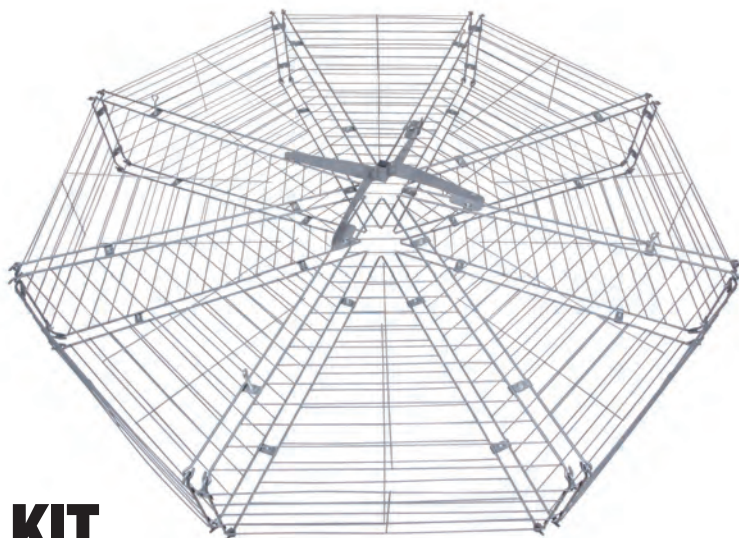
In order to operate, DC industrial fans **MUST** be installed with our RREM-DCQ014-W wall control.

DC fans not for use with MC controls.

INDUSTRIAL FAN GUARD

Great for factories, farms, schools and warehouses.

- 66.5" W x 13" H
- Knockdown construction.
- Installs in minutes.
- Use with Canarm 48" & 56" ceiling fans.
- Painted grey finish.
- Shipping weight - 21 lbs.
- Grey colour



DOWNRODS & MOUNTING KIT

MODEL	DESCRIPTION
DCR0811	8" Downrod for Industrial Ceiling Fans White, complete with lead wire and safety cable
DCR3611	36" Downrod for Industrial Ceiling Fans White, complete with lead wire and safety cable
DCR3610	36" Downrod for Industrial Ceiling Fans Black, complete with lead wire and safety cable
DCR08WR11	8" Downrod for Industrial Ceiling Fans White, water resistant, complete with lead wire and safety cable
DCR36WR11	36" Downrod for Industrial Ceiling Fans White, water resistant, complete with lead wire and safety cable
DCR36WR10	36" Downrod for Industrial Ceiling Fans Black, water resistant, complete with lead wire and safety cable
CP99	Angular Mounting Kit



DCR3610



DCR0811



DCR3611

CEILING FAN SPEED CONTROLS

RREM-DCQ014-W



IMPORTANT NOTICE:

In order to operate, DC industrial fans MUST be installed with our **RREM-DCQ014-W** wall control.

FEATURES

- Wall mount speed control for DC motors only.
- Controls up to 5 DC fans.
- ON/OFF, 5-speed forward & reverse.

HVF - HIGH VELOCITY FLOOR / TABLE / WALL CIRCULATING FANS

Effectively cools large areas in Factories, Stores, Offices, Restaurants and more



HVF18L & HVF20G

Canarm/LFI's high velocity commercial fans economically provide relief from summer heat by creating a gentle air movement.

FEATURES

- Painted silver finish.
- 3 speed dial control.
- Sturdy aluminum blades.
- 12", 18" and 20" sizes available.
- Model HVF20G with 5'9" 120V grounded cord set.
- Models HVRA12 & HVF18L with 6' 120V cord with fuse (2 prong).
- Convenient carrying handle.
- Cord wrap on HVF20G model.
- Ergonomic tilt adjustment knobs.
- Complete with wall mount bracket.
- OSHA guard.
- Easy assembly - no tools required.



HVRA12



WALL MOUNT BRACKET ASSEMBLY



HVF12



HVRA12

PERFORMANCE SPECIFICATIONS

MODEL	HIGH SPEED						MEDIUM SPEED						LOW SPEED					
	CFM	AMPS	WATTS	RPM	DB (A)	VELOCITY @ 5ft (FT/MIN)	CFM	AMPS	WATTS	RPM	DB (A)	VELOCITY @ 5ft (FT/MIN)	CFM	AMPS	WATTS	RPM	DB (A)	VELOCITY @ 5ft (FT/MIN)
HVRA12	1,500	0.57	50	1450	48	284	1,200	0.52	42	1275	42	254	800	0.37	30	966	40	191
HVF18L	3,815	0.85	98	1530	58	586	2,828	0.76	80	1360	55	550	2,540	0.57	67	1120	50	480
HVF20G	5,000	1.35	162	1500	62	866	4,000	1.16	139	1380	57	782	2,800	1.02	122	1200	53	675

MODEL	BLADE DIAMETER	DESCRIPTION	DIMENSIONS	H.P.	WEIGHT
HVRA12	12"	3 Speed Floor/Table Fan	15 3/4" W x 7 1/2" D x 15" H	1/10	11 lbs
HVF18L	18"	3 Speed Floor/Table Fan	20 5/8" W x 8 1/4" D x 20 1/10" H	1/16	12.3 lbs
HVF20G	20"	3 Speed Floor/Table Fan	23 3/4" W x 10 1/4" D x 23" H	1/4	24 lbs

LF - HIGH VELOCITY CEILING OR WALL FAN

Suitable for wet locations.



FEATURES

- Ceiling or wall mount high velocity fan.
- 18" blade diameter.
- Commercial duty 3 speed motor with pull chain control.
- All metal construction.
- 1/8 hp motor.
- Epoxy coated OSHA guard.
- 9' heavy duty 120V cord with cord wrap.
- Steel wall (ceiling) mount assembly.

PERFORMANCE SPECIFICATIONS

MODEL	SIZE	H.P.	VOLTS	AMPS	Phs	RPM	SPEED	CFM	WEIGHT (LBS)
LF18HVV	18"	1/8	120	1.45/1.35/1.27	1	1290/960/760	3	5700/4100/3200	26

HAF - HORIZONTAL AIR FLOW FANS



HAF18-ZO

FEATURES

- Available in 14", 16", 18", 20" and 24" sizes.
- Totally enclosed motor on all units except the OSC models (which are ODP).
- Fans are standard with a Bright Zinc plated OSHA guard.
- Totally enclosed motors.
- 120V grounded cord and plug
- Most models available in White as an alternate to the Zinc as a special order. Call factory for details.



HAF18-ZO-WOSC

HAF18 FEATURES

- 18" horizontal air flow fan.
- Totally enclosed motor.
- Powder coated guard has wide spacing to eliminate the build up of debris.
- 115V, 8 foot grounded cord & plug.
- Zinc dipped OSHA guard option available.



HAF18

PERFORMANCE SPECIFICATIONS

MODEL NUMBERS	DESCRIPTION	VOLTAGE	MOTOR HP	WATT	AMPS	CFM	RPM	SPEED	SPEED CONTROL
HAF18	18" Greenhouse fan powder coated with Hanging Bracket	120V	1/8	130	1.1	2350	1550	Variable	Optional
HAF14-ZO*	14" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/16	60	0.6	1620	1550	Variable	Optional
HAF16-ZO*	16" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/8	120	1.1	2250	1550	Variable	Optional
HAF18-ZO	18" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/8	130	1.1	2350	1550	Variable	Optional
HAF20-ZO*	20" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/8	130	1.2	3200	1550	Variable	Optional
HAF24-ZO*	24" Greenhouse fan Zinc dipped with Hanging Bracket	120V	1/4	200	1.8	4000	1550	Variable	Optional
HAF16-ZO-WOSC*	16" Greenhouse Oscillating fan Zinc dipped with Wall Mount Bracket	120V	1/16	60	0.6	2200	1550/1490/1280	Three	Dial
HAF18-ZO-WOSC*	18" Greenhouse Oscillating fan Zinc dipped with Wall Mount Bracket	120V	1/8	120	1.1	2350	1650/1560/1300	Three	Dial
HAF20-ZO-WOSC*	20" Greenhouse Oscillating fan Zinc dipped with Wall Mount Bracket	120V	1/8	130	1.2	3100	1600/1500/1250	Three	Dial
HAF24-ZO-WOSC*	24" Greenhouse Oscillating fan Zinc dipped with Wall Mount Bracket	120V	1/4	200	1.8	3500	1550/1460/1130	Three	Dial

*Special order. Call for availability.

CA - INDUSTRIAL GRADE CIRCULATING FANS

NOTE: CA FAN HEADS REPLACE CFH FAN HEADS

Canarm LFI's CA circulating fans economically provide relief from summer heat by creating a gentle air movement. They effectively cool large areas in factories, stores, restaurants and other public places. These fans have a low RPM motor which allows them to operate quietly.

The Floor Pedestal type fans come with a sturdy base and are supported by an adjustable tubular steel post which provides maximum stability. The Wall Mount fans are anchored with a sturdy wall bracket. There is also an optional ceiling mount.

On all fan models, the fan assembly can be tilted on a swivel bracket to direct air stream upwards or downwards. Available with oscillating motor on the pedestal and wall models.

FEATURES

- Rugged, high performance model.
- Available in 24" & 30" sizes.
- 1/4 HP, 3 speed, totally enclosed ball bearing motor with thermal overload protection.
- Fan motor RPM - 1100/950/850.
- Available with oscillating motor on the pedestal and wall models.
- Heavy gauge aluminum, well balanced fan blades.
- Air stream adjustable in all directions.
- Complete with 10', 120V grounded cord set.
- Attractive powder coated front and rear guards, meet OSHA standards.



PERFORMANCE SPECIFICATIONS

MODEL NUMBER	FAN SIZE	DESCRIPTION	CFM	VOLT	AMPS	SHIPPING WEIGHT (LBS)
HEADS ONLY						
CA24-C	24"	3 SPEED	7100/6300/5300	115	2.7	40
CA24OSC-C		3 SPEED OSCILLATING	7100/6300/5300	115	2.7	40
CA30-C	30"	3 SPEED	8300/7300/6300	115	2.7	50
CA30OSC-C		3 SPEED OSCILLATING	8300/7300/6300	115	2.7	50

QUICK REFERENCE

Use this table to make sure you order the correct fan replacement parts.

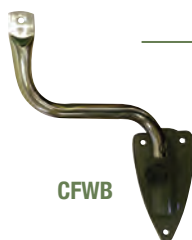
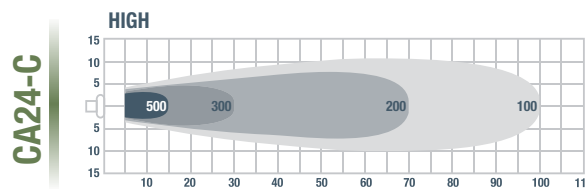
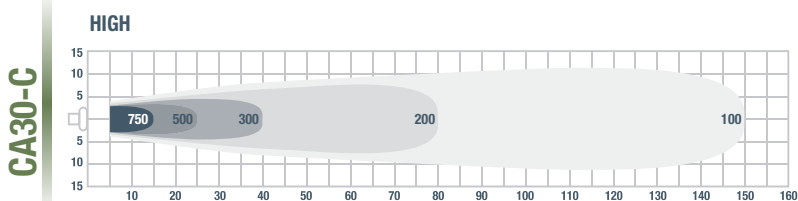
FAN HEAD MOUNTING ACCESSORIES SHOWN BELOW.

OLD MODEL	REPLACED WITH
PEDESTAL FANS - OSCILLATING	
CA24POSC-C	CA24OSC-C + CFKPB
CA30POSC-C	CA30OSC-C + CFKPB
PEDESTAL FANS - NON OSCILLATING	
CA24P-C	CA24-C + CFKPB
CA30P-C	CA30-C + CFKPB

OLD MODEL	REPLACED WITH
WALL FANS - OSCILLATING	
CA24WOSC-C	CA24OSC-C + CFWB
CA30WOSC-C	CA30OSC-C + CFWB
WALL FANS - NON OSCILLATING	
CA24W-C	CA24-C + CFWB
CA30W-C	CA30-C + CFWB

VELOCITY MAPPING CHARTS

These charts indicate the air distribution patterns of the CA fans. They are a graphic illustration of air velocity in feet per minute.



MOUNTING ACCESSORIES

MODEL	DESCRIPTION	WEIGHT (LBS)
CFKPB	KNOCK DOWN PEDESTAL BASE	36
CFWB	WALL BRACKET	6
CFCM	CEILING MOUNT (NON OSCILLATING FANS ONLY)	9

PBKD / WMKD - COMMERCIAL CIRCULATING FANS

Canarm/LFI's high velocity commercial fans economically provide relief from summer heat by creating a gentle air movement. Pedestal type fans come with a sturdy base and adjustable pole. All fans have a 3 speed motor with industrial grade aluminum blades.

FEATURES

- Commercial duty circulating fans (Knock Down).
- Painted aluminum blades.
- Standard OSHA guard.
- Motors are thermally protected.
- Available in 24" and 30" stationary and oscillating models.
- Packaged in one box, complete with mounting accessories.
- Complete with 10', 120V grounded plug.

PERFORMANCE SPECIFICATIONS

FAN SIZE	MODEL NUMBER & WEIGHT (LBS)				DESCRIPTION	H.P.	SUPPLY CFM
	PEDESTAL FAN	WEIGHT (LBS)	WALL MOUNT FAN	WEIGHT (LBS)			
24"	PBKD24-3SP	74	WMKD24-3SP	38	3 Speed	1/4	6600/5900/4900
24"	PBKD24-OSC	78	WMKD24-OSC	42	3 Speed Oscillating	1/4	6600/5900/4900
30"	PBKD30-3SP	80	WMKD30-3SP	46	3 Speed	1/4	8300/7300/6300
30"	PBKD30-OSC	84	WMKD30-OSC	49	3 Speed Oscillating	1/4	8300/7300/6300



CCU - COMMERCIAL CIRCULATING FANS

Canarm/LFI's high velocity commercial fans economically provide relief from summer heat by creating a gentle air movement. Pedestal type fans come with a sturdy base and adjustable pole. All fans have a 3 speed motor with industrial grade aluminum blades.

FEATURES

- Commercial duty circulating fans (Knock Down).
- 20" stationary models.
- Adjustable pedestal (54"-64").
- 3 speeds.
- Painted aluminum blades.
- Standard OSHA guard.
- Motors are thermally protected.
- Complete with 10', 120V grounded plug.
- 20" pedestal complete with wheel kit.

PERFORMANCE SPECIFICATIONS

MODEL	FAN SIZE	DESCRIPTION	H.P.	SUPPLY CFM	WEIGHT (LBS)
CCUP20	20"	3 Speed Pedestal Fan	1/4	6200/5200/4200	47



HVR - DRUM FANS

For Heavy Duty Industrial/Commercial applications.
Canarm/LFI's "HVR" High Velocity Round Portable Fans circulate large volumes of air.

HVR24



FEATURES

- Heavy 18 gauge, powder coated steel housing.
- Factory balanced blade.
- Permanently lubricated, totally enclosed motors.
- 2 speed dial switch on 24" & 36" models.
- Fan drum easily pivots up for directional control with strong locking mechanism.
- Complete with 10', 120V grounded cord.
- Powder coated front and rear guards meet OSHA standards.
- Heavy duty wheel kit makes this fan easy to move.
- 5" (HVR24) and 8" (HVR36) rubber wheels with steel hubs.
- Complete with conversion kit for ceiling mount.

HVR36



**COMES WITH CEILING
MOUNT CONVERSION KIT**



PERFORMANCE SPECIFICATIONS

Model Number	Size	Speed	H.P.	RPM	CFM	Volts	Amps	Weight (lbs)
HVR24	24"	2	1/3	1100 / 730	7000 / 4645	120	1.8	43
HVR36	36"	2	1/2	825 / 750	12000 / 10910	120	4.9	103



MCS & MCSA - HIGH STAND INDUSTRIAL MANCOOLERS

Designed to provide cooling effects to large, open areas.



FEATURES

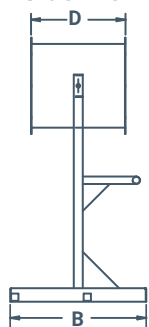
- Drums and motor supports are constructed of heavy gauge steel.
- TEFC continuous duty, ball bearing motors are standard.
- All models are direct drive and available with steel blades or cast aluminum blades.
- Heavy duty, concentric circle, OSHA wire guards are standard on all sizes.
- Consult factory for availability of explosion-proof motors.
- Casters and lift handle are standard, allowing easy maneuverability.
- Fan flow direction on the tube section can easily be rotated 180°.

 **Non-stock, made-to-order products are non-returnable and cannot be cancelled.**

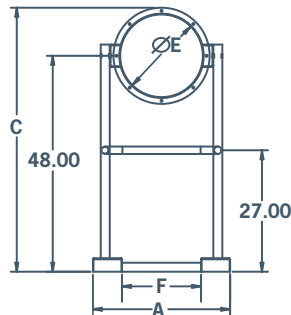
DIMENSIONS

FAN SIZE	A	B	C	D	E (Tube I.D.)	F
18"	30 1/2"	30 1/4"	58 2/3"	21"	18 3/8"	17 4/7"
24"	36 1/2"	30 1/4"	61 2/3"	21"	24 3/8"	23 4/7"
30"	42 1/2"	30 1/4"	64 2/3"	21"	30 3/8"	29 4/7"
36"	--	--	67 2/3"	27"	36 3/8"	--
42"	--	--	70 2/3"	32"	42 3/8"	--
48"	--	--	73 2/3"	32"	48 3/8"	--

Side View



Front View



PERFORMANCE SPECIFICATIONS

MCS STEEL FAN BLADE						
FAN SIZE	MODEL #		RPM	H.P.	MCS CFM	dBA @ 5 Ft
	SINGLE PHASE	THREE PHASE				
	18"	MCS18T10033C	MCS18T30033C*	1140	1/3	2654
MCS18T10050B		MCS18T30050B*	1750	1/2	4016	74
24"	MCS24T10075C	MCS24T30075C*	1140	3/4	6549	73
	MCS24T10100B	MCS24T30100B*	1750	1	6761	81
	MCS24T10300B	MCS24T30300B*	1750	3	9909	84
30"	--	MCS30T30150C*	1140	1.5	11600	79
	MCS30T10500B	MCS30T30500B*	1750	5	17552	90
36"	--	MCS36T30200D*	860	2	16364	80
	--	MCS36T30500C*	1140	5	21692	88
42"	--	MCS42T30500D*	860	5	24499	85
	--	MCS42T30500C*	1140	5	23209	88
48"	--	MCS48T30750D*	860	7.5	35654	89
	--	MCS48T30750C*	1140	7.5	32563	92

MCSA CAST ALUMINUM BLADE						
FAN SIZE	MODEL #		RPM	H.P.	MCSA CFM	dBA @ 5 Ft
	SINGLE PHASE	THREE PHASE				
	18"	MCSA18T10033C	MCSA18T30033C*	1140	1/3	2990
MCSA18T10075B		MCSA18T30075B*	1750	3/4	4590	71
24"	MCSA24T10100C	MCSA24T30100C*	1140	1	6520	69
	MCSA24T10150B	MCSA24T30150B*	1750	1.5	7660	72
	MCSA24T10300B	MCSA24T30300B*	1750	3	11500	79
30"	MCSA30T10100C	MCSA30T30100C*	1140	1	8680	69
	--	MCSA30T30150C*	1140	1.5	11800	73
	MCSA30T10300B	MCSA30T30300B*	1750	3	13300	78
36"	MCSA30T10500B	MCSA30T30500B*	1750	5	18200	82
	--	MCSA36T30200C*	1140	2	14000	76
	--	MCSA36T30300C*	1140	3	19400	77
42"	MCSA36T10500B	MCSA36T30500B*	1750	5	16200	78
	MCSA36T10750B	MCSA36T30750B*	1750	7.5	21500	85
	--	MCSA42T30200D*	860	2	19200	73
48"	--	MCSA42T30300D*	860	3	23210	75
	--	MCSA42T30500C*	1140	5	25500	79
	--	MCSA42T30750C*	1140	7.5	30690	81
	--	MCSA42T31000B*	1750	10	26700	86
	--	MCSA48T30500D*	860	5	29820	78
48"	--	MCSA48T30750D*	860	7.5	35700	80
	--	MCSA48T31000C*	1140	10	39500	84
	--	MCSA48T31500C*	1140	15	47300	86

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only.

OPTIONS

- Junction box installed on the outside of the fan body.



MCU & MCUA - LOW STAND INDUSTRIAL MANCOOLERS

Designed to provide cooling effects to large, open areas.

PERFORMANCE SPECIFICATIONS

FEATURES

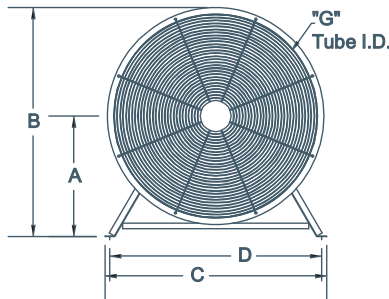
- Drums and motor supports are constructed of heavy gauge steel.
- TEFC continuous duty, ball bearing motors are standard.
- All models are direct drive and available with steel blades or cast aluminum blades.
- Heavy duty, concentric circle, OSHA wire guards are standard on all sizes.
- Consult factory for availability of explosion-proof motors.

Note Non-stock, made-to-order products are non-returnable and cannot be cancelled.

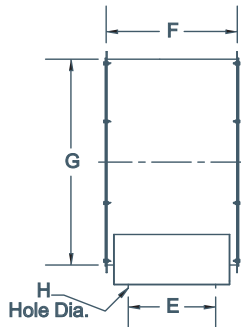
DIMENSIONS

FAN SIZE	A	B	C	D	E	F	G	H (Hole Diameter)
12"	10 1/4"	18"	16"	14"	10"	17"	12"	7/16"
18"	13 1/4"	24"	23"	21"	11"	18"	18 3/8"	7/16"
24"	16 1/4"	30"	28 1/2"	26 1/2"	13"	21"	24 3/8"	1/2"
30"	19 1/4"	36"	34 1/2"	32 1/2"	13"	21"	30 3/8"	1/2"
36"	22 7/8"	42 5/8"	40 1/2"	38 1/2"	19"	27"	36 3/8"	1/2"
42"	25 3/8"	48 1/8"	46 1/2"	44 1/2"	21"	27"	42 3/8"	5/8"
48"	28 9/16"	55"	53 1/4"	51 1/4"	23"	31"	48 3/8"	5/8"

Front View



Side View



FAN SIZE	MCU STEEL FAN BLADE					
	MODEL #		RPM	H.P.	MCU CFM	dBA @ 5 Ft
	SINGLE PHASE	THREE PHASE				
12"	MCU12T10033C	MCU12T30033C*	1140	1/3	940	53
	MCU12T10033B	MCU12T30033B*	1750	1/3	1422	65
18"	MCU18T10025C	MCU18T30025C*	1140	1/3	2654	64
	MCU18T10050B	MCU18T30050B*	1750	1/2	4016	74
24"	MCU24T10075C	MCU24T30075C*	1140	3/4	6549	73
	MCU24T10100B	MCU24T30100B*	1750	1	6761	81
	MCU24T10300B	MCU24T30300B*	1750	3	9909	84
30"	--	MCU30T30150C*	1140	1.5	11600	79
	MCU30T10500B	MCU30T30500B*	1750	5	17552	90
36"	--	MCU36T30200D*	860	2	16364	80
	--	MCU36T30500C*	1140	5	21692	88
42"	--	MCU42T30500D*	860	5	24499	85
	--	MCU42T30500C*	1140	5	23209	88
48"	--	MCU48T30750D*	860	7.5	35654	89
	--	MCU48T30750C*	1140	7.5	32563	92

FAN SIZE	MCUA CAST ALUMINUM BLADE					
	MODEL #		RPM	H.P.	MCUA CFM	dBA @ 5 Ft
	SINGLE PHASE	THREE PHASE				
12"	MCUA12T10033C	MCUA12T30033C*	1140	1/3	1450	58
	MCUA18T10033C	MCUA18T30033C*	1140	1/3	2990	60
18"	MCUA18T10075B	MCUA18T30075B*	1750	3/4	4590	71
	MCUA24T10100C	MCUA24T30100C*	1140	1	6520	69
	MCUA24T10150B	MCUA24T30150B*	1750	1.5	7660	72
24"	MCUA24T10300B	MCUA24T30300B*	1750	3	11500	79
	MCUA30T10100C	MCUA30T30100C*	1140	1	8680	69
	--	MCUA30T30150C*	1140	1.5	11800	73
30"	MCUA30T10300B	MCUA30T30300B*	1750	3	13300	78
	MCUA30T10500B	MCUA30T30500B*	1750	5	18200	82
	--	MCUA36T30200C*	1140	2	14000	76
36"	--	MCUA36T30300C*	1140	3	19400	77
	MCUA36T10500B	MCUA36T30500B*	1750	5	16200	78
	MCUA36T10750B	MCUA36T30750B*	1750	7.5	21500	85
42"	--	MCUA42T30200D*	860	2	19200	73
	--	MCUA42T30300D*	860	3	23210	75
	--	MCUA42T30500C*	1140	5	25500	79
	--	MCUA42T30750C*	1140	7.5	30690	81
48"	--	MCUA42T31000B*	1750	10	26700	86
	--	MCUA48T30500D*	860	5	29820	78
	--	MCUA48T30750D*	860	7.5	35700	80
	--	MCUA48T31000C*	1140	10	39500	84
	--	MCUA48T31500C*	1140	15	47300	86

For three phase motors, substitute "*" with "M" for 230/460 volt (if 208V required please specify) or "P" for 575 volt
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only.

OPTIONS

- Junction box installed on the outside of the fan body.



MCY & MCYA - YOKE MOUNT INDUSTRIAL MANCOOLERS

Designed for superior cooling effects for large, open areas.



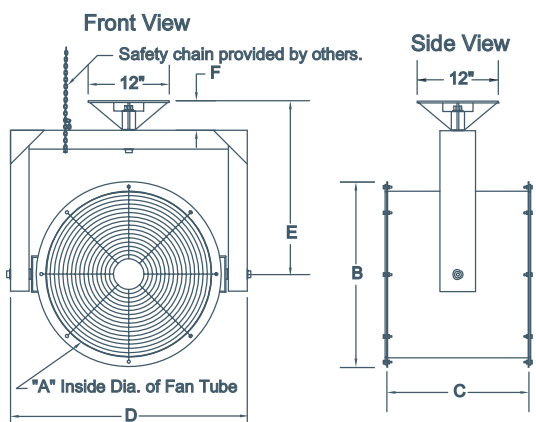
FEATURES

- Drums and motor supports are constructed of heavy gauge steel.
- TEFC continuous duty, ball bearing motors are standard.
- All models are direct drive and available with steel blades or cast aluminum blades.
- Heavy-duty, concentric circle, OSHA wire guards are standard on all sizes.
- Fan section can pivot on both the horizontal and vertical axis.
- Consult factory for availability of explosion-proof motors.

 Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

FAN SIZE	A	B	C	D	E	F
18"	18 3/8"	20 7/8"	18"	29"	24"	4 1/2"
24"	24 3/8"	27 3/8"	21"	35"	25 5/8"	4 1/2"
30"	30 3/8"	33 3/8"	21"	41 1/4"	30 1/4"	4 1/2"
36"	36 3/8"	39 3/8"	27"	47 5/16"	33 1/4"	4 1/2"



PERFORMANCE SPECIFICATIONS

MCY STEEL FAN BLADE						
FAN SIZE	MODEL #		RPM	H.P.	MCY CFM	dBA @ 5 Ft
	SINGLE PHASE	THREE PHASE				
	18"	MCY18T10033C	MCY18T30033C*	1140	1/3	2654
MCY18T10050B		MCY18T30050B*	1750	1/2	4016	74
24"	MCY24T10075C	MCY24T30075C*	1140	3/4	6549	73
	MCY24T10100B	MCY24T30100B*	1750	1	6761	81
	MCY24T10300B	MCY24T30300B*	1750	3	9909	84
30"	--	MCY30T30150C*	1140	1.5	11600	79
	MCY30T10500B	MCY30T30500B*	1750	5	17552	90
36"	--	MCY36T30200D*	860	2	16364	80
	--	MCY36T30500C*	1140	5	21692	88

MCYA CAST ALUMINUM BLADE						
FAN SIZE	MODEL #		RPM	H.P.	MCYA CFM	dBA @ 5 Ft
	SINGLE PHASE	THREE PHASE				
	18"	MCYA18T10033C	MCYA18T30033C*	1140	1/3	2990
MCYA18T10075B		MCYA18T30075B*	1750	3/4	4590	71
24"	MCYA24T10100C	MCYA24T30100C*	1140	1	6520	69
	MCYA24T10150B	MCYA24T30150B*	1750	1.5	7660	72
	MCYA24T10300B	MCYA24T30300B*	1750	3	11500	79
30"	MCYA30T10100C	MCYA30T30100C*	1140	1	8680	69
	--	MCYA30T30150C*	1140	1.5	11800	73
	MCYA30T10300B	MCYA30T30300B*	1750	3	13300	78
	MCYA30T10500B	MCYA30T30500B*	1750	5	18200	82
36"	--	MCYA36T30200C*	1140	2	14000	76
	--	MCYA36T30300C*	1140	3	19400	77
	MCYA36T10500B	MCYA36T30500B*	1750	5	16200	78
	MCYA36T10750B	MCYA36T30750B*	1750	7.5	21500	85

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
 dBA ratings shown are measured at 0" static pressure and should be used as a guideline only.

OPTIONS

- Junction box installed on the outside of the fan body.

XBL - BELT DRIVE WALL FANS

Economy commercial and light duty industrial exhaust fans.
Ideal for Factories, Warehouses, Gymnasiums, Greenhouses, etc.



XBL series fans are typically used for low pressure applications with little or no duct work.

The XBL series is constructed for efficient, economical operation and are designed to be used primarily as exhaust fans.



HEAVY STEEL POST MOUNT

FEATURES

- Available in 24", 30", 36", 42" and 48" blade diameters
- Heavy gauge steel fan panel with deep spun orifice and flared venturi to maximize efficiency.
- Heavy steel post Motor mount with "U" clamp motor mount/belt tensioner.
- ODP motors are standard.
- Durable baked on textured polyethylene powder coat finish.
- Accepts all "XB" series accessories, including Cabinets, Sleeves, Shutters and guards.



Non-stock, made-to-order products are non-returnable and cannot be cancelled.

SPECIFICATIONS

BLADE DIAMETER	MODEL #			MOTOR H.P.	CFM	WEIGHT (LBS.)
	SINGLE PHASE	230/460V PHASE	575V			
24"	XBL24T10033	XBL24T30033M	XBL24T30033P	1/3	3270	50
30"	XBL30T10033	XBL30T30033M	XBL30T30033P	1/3	7730	60
36"	XBL36T10050	XBL36T30050M	XBL36T30050P	1/2	9870	65
42"	XBL42T10075	XBL42T30075M	XBL42T30075P	3/4	14800	75
48"	XBL48T10100	XBL48T30100M	XBL48T30100P	1.0	21500	98

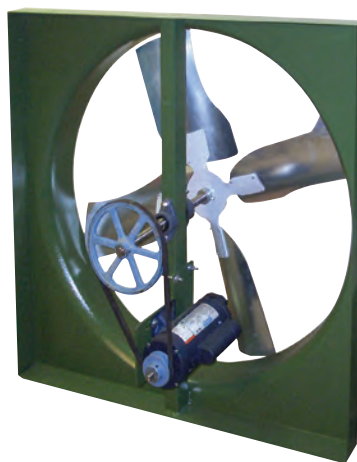
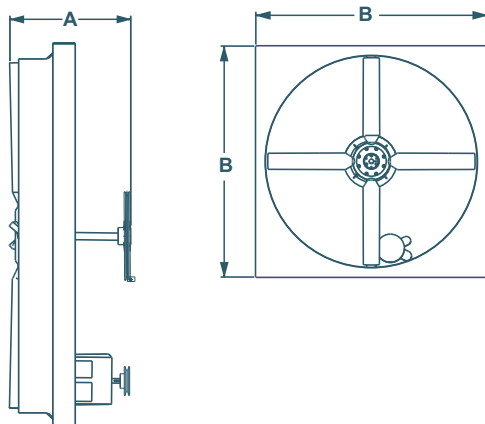
DIMENSIONS

Weights subject to change.

MODEL	BLADE DIAMETER	A	B X B SQUARE
XBL24	24"	17.5"	29.625"
XBL30	30"	17.5"	35.625"
XBL36	36"	17.5"	41.625"
XBL42	42"	17.5"	47.625"
XBL48	48"	17.5"	53.625"

Dimensions subject to change.

For CBS dimensions & illustration, see Wall Exhaust Fans & Venturi Dimensions for Standard Options.



BACK VIEW



ODP MOTOR

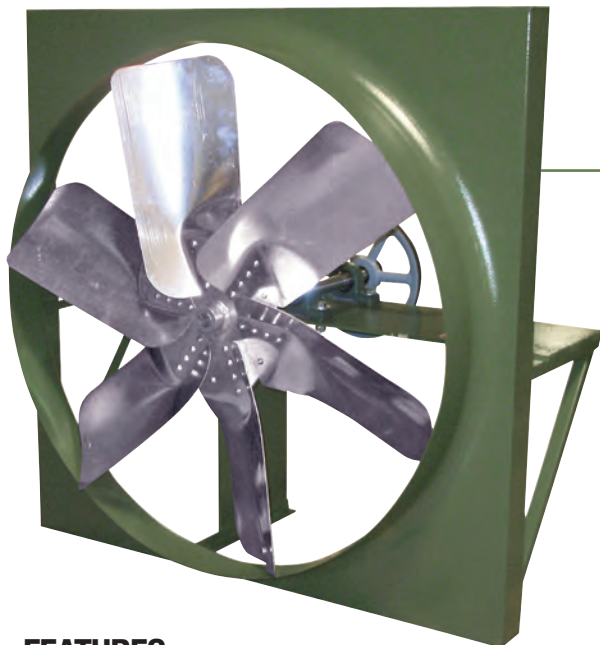
OPTIONS

For fan complete with cabinet/guard and shutter, substitute "T" with CBS



XB - BELT DRIVE WALL FANS

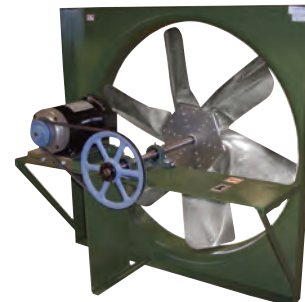
Designed for commercial and medium duty industrial applications
Factories, Warehouses, Gymnasiums, Underground parking garages, etc.



These fans are typically used for low pressure applications with little or no duct work.

The XB series is designed and constructed for efficient and economical operation at low speeds and low noise levels.

These fans are used for exhaust applications. For supply applications, please see next page.



BACK VIEW

FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor and bearing supports.
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.

 **Non-stock, made-to-order products are non-returnable and cannot be cancelled.**

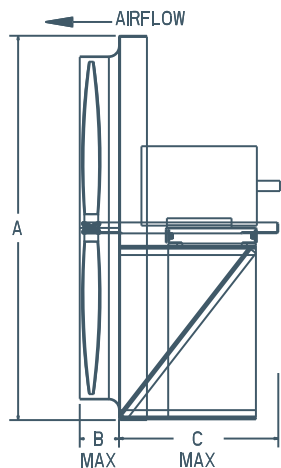
SPECIFICATIONS

BLADE DIAMETER	MODEL #		WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE					
	SINGLE PHASE	THREE PHASE					0"	1/8"	1/4"	3/8"	1/2"	5/8"
24"	XB24T10033	XB24T30033*	115	670	1/3	61	4643	4038	2488	-	-	-
	XB24T10050	XB24T30050*	115	805	1/2	65	5578	5112	4405	2934	-	-
	XB24T10075	XB24T30075*	115	925	3/4	70	6410	6030	5526	4731	3354	-
	XB24T10100	XB24T30100*	133	1040	1.0	73	7207	6883	6457	5930	5143	3793
30"	XB30T10033	XB30T30033*	128	470	1/3	59	6658	4717	1948	-	-	-
	XB30T10050	XB30T30050*	129	565	1/2	63	8004	6689	4298	2119	-	-
	XB30T10075	XB30T30075*	129	640	3/4	66	9067	8014	6073	4220	2203	-
	XB30T10100	XB30T30100*	148	715	1.0	69	10129	9223	7790	5688	4248	2452
36"	XB36T10050	XB36T30050*	161	410	1/2	59	9854	7547	3560	-	-	-
	XB36T10075	XB36T30075*	160	460	3/4	63	11056	9197	5120	2876	-	-
	XB36T10100	XB36T30100*	180	515	1.0	67	12378	10847	7976	4784	2740	-
	XB36T10150	XB36T30150*	160	605	1.5	71	14541	13394	11542	8258	5859	4122
42"	XB42T10200	XB42T30200*	203	675	2.0	73	16223	15195	13750	11831	8029	6506
	XB42T10075	XB42T30075*	211	330	3/4	58	11755	8579	3357	-	-	-
	XB42T10100	XB42T30100*	230	390	1.0	63	13892	11596	5764	3462	-	-
	XB42T10150	XB42T30150*	207	465	1.5	68	16564	14700	12037	6386	4670	-
48"	XB48T10200	XB48T30200*	248	510	2.0	71	18167	16479	14514	9114	6418	4770
	XB48T10300	XB48T30300*	264	590	3.0	75	21016	19579	18030	15887	10630	7882
	XB48T10100	XB48T30100*	257	330	1.0	63	18658	14895	7243	3301	-	-
	XB48T10150	XB48T30150*	236	380	1.5	67	21485	18589	12083	7263	3754	-
54"	XB54T10200	XB54T30200*	281	425	2.0	70	24030	21457	17737	10447	7459	4205
	XB54T10300	XB54T30300*	290	485	3.0	74	27422	25190	22472	18073	11634	9008
	XB54T10500	XB54T30500*	312	585	5.0	80	33076	31236	29331	26834	23759	17330
	XB54T10150	XB54T30150*	316	310	1.5	65	24281	20657	10405	5754	2747	-
60"	XB60T10200	XB60T30200*	359	345	2.0	68	26593	23275	15740	8821	5199	2455
	XB60T10300	XB60T30300*	370	400	3.0	72	30832	28008	24336	14731	10317	6921
	XB60T10500	XB60T30500*	380	475	5.0	76	36613	34384	31798	28018	19368	13736
	XB60T10750	XB60T30750*	492	545	7.5	81	42009	40171	37818	35272	31930	24931

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only
For VFD, please specify.

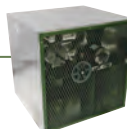
DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (BELT DRIVE MOTOR FRAME)	
				56 - 184	213 - 286
XB24	24"	29.625"	4.0"	18"	--
XB30	30"	35.625"	4.5"	18"	--
XB36	36"	41.625"	5.0"	18"	28"
XB42	42"	47.625"	5.0"	18"	28"
XB48	48"	53.625"	5.0"	18"	28"
XB54	54"	59.657"	5.5"	18"	28"
XB60	60"	67.657"	6.0"	18"	28"

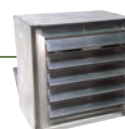


OPTIONS

For a complete listing of all available options, see **Wall Exhaust Options & Accessories**.



For fan complete with cabinet/guard and shutter, substitute "T" with CBS



For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB



SXB - BELT DRIVE WALL SUPPLY FANS

Designed for commercial and light duty industrial supply applications -
Factories, Warehouses, Underground parking garages, etc.



Photo above and Dimension illustration below show fan with cabinet, back guard and motorized steel control dampers (Standard).

These fans are typically used for low pressure applications with little to no duct work. The SXB series is designed and constructed for efficient and economical operation at low speeds and low noise levels. Please see previous page for exhaust fan applications.

This fan is complete with cabinet, motorized steel control damper and guard.



BACK VIEW

FEATURES

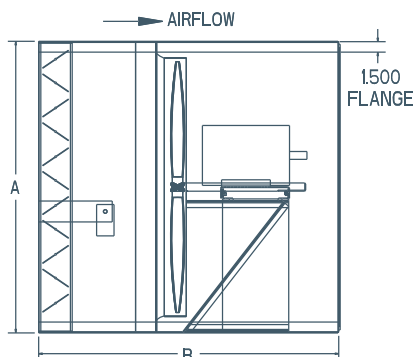
- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor and bearing supports.
- Galvanized heavy gauge steel fan blades that are statically and dynamically balanced.
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.
- All dampers come with Belimo actuators.
- Complete with cabinet, motorized steel control damper and discharge guard.



Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B (BELT DRIVE MOTOR FRAME)	
			56 - 184	213 - 286
SXB24	24"	29.875"	43"	--
SXB30	30"	35.875"	43"	--
SXB36	36"	41.875"	43"	49"
SXB42	42"	47.875"	43"	49"
SXB48	48"	53.875"	43"	49"
SXB54	54"	59.9375"	43"	49"
SXB60	60"	67.9375"	43"	49"



SPECIFICATIONS

BLADE DIAMETER	MODEL #		RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE					
	SINGLE PHASE	THREE PHASE				0"	1/8"	1/4"	3/8"	1/2"	5/8"
	24"	SXB24CBD10033				SXB24CBD30033*	670	1/3	61.0	3947	3432
	SXB24CBD10050	SXB24CBD30050*	805	1/2	65	4741	4345	3744	2494	-	-
	SXB24CBD10075	SXB24CBD30075*	925	3/4	70.0	5449	5126	4697	4021	2851	-
	SXB24CBD10100	SXB24CBD30100*	1040	1	73.0	6126	5851	5488	5041	4372	3224
30"	SXB30CBD10033	SXB30CBD30033*	470	1/3	59.0	5659	4009	1656	-	-	-
	SXB30CBD10050	SXB30CBD30050*	565	1/2	63.0	6803	5686	3653	1801	-	-
	SXB30CBD10075	SXB30CBD30075*	640	3/4	66.0	7707	6812	5162	3587	1873	-
	SXB30CBD10100	SXB30CBD30100*	715	1	69.0	8610	7840	6622	4835	3611	2084
	SXB30CBD10150	SXB30CBD30150*	830	1 1/2	73.0	9994	9377	8538	7251	5650	4712
36"	SXB36CBD10050	SXB36CBD30050*	410	1/2	59.0	8376	6415	3026	-	-	-
	SXB36CBD10075	SXB36CBD30075*	460	3/4	63.0	9398	7817	4352	2445	-	-
	SXB36CBD10100	SXB36CBD30100*	515	1	67.0	10521	9220	6780	4066	2329	-
	SXB36CBD10150	SXB36CBD30150*	605	1 1/2	71.0	12360	11385	9811	7019	4980	3504
	SXB36CBD10200	SXB36CBD30200*	675	2	73.0	13790	12916	11688	10056	6825	5530
42"	SXB42CBD10075	SXB42CBD30075*	330	3/4	58.0	9992	7292	2853	-	-	-
	SXB42CBD10100	SXB42CBD30100*	390	1	63.0	11808	9857	4899	2943	-	-
	SXB42CBD10150	SXB42CBD30150*	465	1 1/2	68.0	14079	12495	10231	5428	3970	-
	SXB42CBD10200	SXB42CBD30200*	510	2	71.0	15442	14007	12337	7747	5455	4055
	SXB42CBD10300	SXB42CBD30300*	590	3	75.0	17864	16642	15326	13504	9036	6700
48"	SXB48CBD10100	SXB48CBD30100*	330	1	63.0	15859	12661	6157	2806	-	-
	SXB48CBD10150	SXB48CBD30150*	380	1 1/2	67.0	18262	15801	10271	6174	3191	-
	SXB48CBD10200	SXB48CBD30200*	425	2	70.0	20426	18238	15076	8880	6340	3574
	SXB48CBD10300	SXB48CBD30300*	485	3	74.0	23309	21412	19101	15362	9889	7657
	SXB48CBD10500	SXB48CBD30500*	585	5	80.0	28115	26551	24931	22809	20195	14731
54"	SXB54CBD10150	SXB54CBD30150*	310	1 1/2	65.0	20639	17558	8844	4891	2335	-
	SXB54CBD10200	SXB54CBD30200*	345	2	68.0	22604	19784	13464	7498	4419	2087
	SXB54CBD10300	SXB54CBD30300*	400	3	72.0	26207	23807	20686	12521	8769	5883
	SXB54CBD10500	SXB54CBD30500*	475	5	76.0	31121	29226	27028	23815	16463	11676
	SXB54CBD10750	SXB54CBD30750*	545	7 1/2	81.0	35708	34145	32145	30368	27141	21191
60"	SXB60CBD10150	SXB60CBD30150*	275	1 1/2	64.0	23879	19746	10725	5394	2683	-
	SXB60CBD10200	SXB60CBD30200*	300	2	66.0	26050	22238	14927	8470	4649	2399
	SXB60CBD10300	SXB60CBD30300*	345	3	70.0	29957	26750	23322	14120	9596	6071
	SXB60CBD10500	SXB60CBD30500*	420	5	76.0	36470	34164	31028	28247	20069	15074
	SXB60CBD10750	SXB60CBD30750*	485	7 1/2	81.0	42114	40290	37542	35076	32620	26262

For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt
Fan blades tested in accordance with AMCA standard 210, figure 12
dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

HV - BELT DRIVE WALL FANS

Designed for heavy duty commercial and industrial applications
- Factories, Warehouses, Gymnasiums, Underground parking garages, etc.



BACK VIEW

These fans are typically used for high volume, high static pressure applications. The HV series is designed and constructed for efficient and economical operations while maximizing performance for heavy duty applications.

This fan is used for exhaust applications. Please consult factory for supply applications.

SPECIFICATIONS

BLADE DIAMETER	MODEL #		WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE						
	SINGLE PHASE	THREE PHASE					0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"
24"	HV24T10100	HV24T30100*	139	1175	1.0	74	6750	6234	5797	4871	3748	3073	2544
	HV24T10150	HV24T30150*	118	1375	1.5	78	7898	7458	7049	6604	5824	4768	4049
	HV24T10200	HV24T30200*	162	1515	2.0	81	8703	8303	7906	7581	7051	6267	5310
	HV24T10300	HV24T30300*	175	1750	3.0	84	10053	9707	9360	9039	8757	8328	7784
30"	HV30T10100	HV30T30100*	155	890	1.0	73	9056	8192	6801	4896	3715	2647	1739
	HV30T10150	HV30T30150*	136	1085	1.5	78	11040	10331	9535	8237	6607	5385	4492
	HV30T10200	HV30T30200*	176	1230	2.0	82	12515	11890	11253	10427	9087	7663	6499
	HV30T10300	HV30T30300*	189	1405	3.0	85	14296	13749	13201	12588	11823	10713	9334
	HV30T10500	HV30T30500*	201	1695	5.0	90	17247	16793	16339	15886	15393	14829	14111
36"	HV36T10150	HV36T30150*	167	690	1.5	73	13129	11608	9045	6862	4705	3046	1938
	HV36T10200	HV36T30200*	211	790	2.0	77	15032	13734	12277	9437	7757	5722	4174
	HV36T10300	HV36T30300*	221	935	3.0	82	17791	16695	15526	14129	11533	9929	8689
	HV36T10500	HV36T30500*	233	1140	5.0	88	21962	20793	19893	18903	17883	15993	13983
42"	HV42T10750	HV42T30750*	322	1230	7.5	90	23404	22571	21737	20860	19915	18971	16876
	HV42T10150	HV42T30150*	210	555	1.5	72	15811	13791	10645	6799	4462	3004	1926
	HV42T10200	HV42T30200*	250	660	2.0	77	18802	17137	15196	11975	8648	6367	4833
	HV42T10300	HV42T30300*	262	785	3.0	82	22363	20945	19507	17747	15061	11594	9620
48"	HV48T10500	HV48T30500*	276	935	5.0	87	26636	25434	24286	23041	21550	19661	17023
	HV48T10750	HV48T30750*	382	1085	7.5	91	30909	29873	28861	27882	26753	25543	24157
	HV48T10200	HV48T30200*	275	635	2.0	80	26326	23713	21228	17948	12756	10669	8491
	HV48T10300	HV48T30300*	294	750	3.0	85	31094	28711	26930	24543	21753	17660	14025
54"	HV54T10500	HV54T30500*	309	875	5.0	89	36276	34042	32521	30974	28814	26521	23883
	HV54T10750	HV54T30750*	413	940	7.5	92	38970	36891	35374	33953	32194	30183	27942
	HV54T10200	HV54T30200*	354	405	2.0	70	22986	19134	11540	7965	5000	2787	-
	HV54T10300	HV54T30300*	372	505	3.0	78	28661	25723	22119	1E+05	12020	8757	6667
	HV54T10500	HV54T30500*	392	620	5.0	83	35188	32838	30203	27208	21951	16987	14820
60"	HV60T10750	HV60T30750*	502	720	7.5	88	40863	38809	36754	34382	31736	27780	21541
	HV60T11000	HV60T31000*	500	800	10.0	91	45404	43529	41789	39675	37594	35093	31863
	HV60T10300	HV60T30300*	404	395	3.0	73	32640	26769	17386	12768	8585	4871	-
	HV60T10500	HV60T30500*	412	510	5.0	81	42143	37596	32867	24495	19643	16488	13537
	HV60T10750	HV60T30750*	552	600	7.5	86	49580	45715	41850	36219	29660	24923	21797
	HV60T11000	HV60T31000*	557	670	10.0	89	55364	51903	48442	44980	38454	33060	28617
-	HV60T31500*	641	740	15.0	93	61149	58015	54881	51747	48613	41937	36959	

BLADE DIAMETER

FEATURES

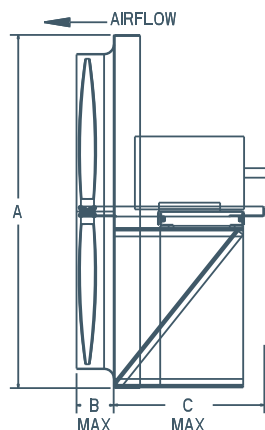
- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor and bearing supports.
- Galvanized heavy gauge steel fan blades that are statically and dynamically balanced.
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.



Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

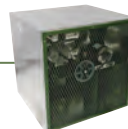
MODEL	BLADE DIAMETER	A X A SQUARE	B	C (BELT DRIVE MOTOR FRAME)	
				56 - 184	213 - 286
HV24	24"	29.625"	4.0"	18"	--
HV30	30"	35.625"	4.5"	18"	--
HV36	36"	41.625"	5.0"	18"	28"
HV42	42"	47.625"	5.0"	18"	28"
HV48	48"	53.625"	5.0"	18"	28"
HV54	54"	59.657"	5.5"	18"	28"
HV60	60"	67.657"	6.0"	18"	28"



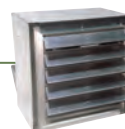
For three phase motors, substitute "*" with "M" for 230/460 volt (if 208V required please specify) or "P" for 575 volt Fan blades tested in accordance with AMCA standard 210, figure 12 dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see Wall Exhaust Options & Accessories.



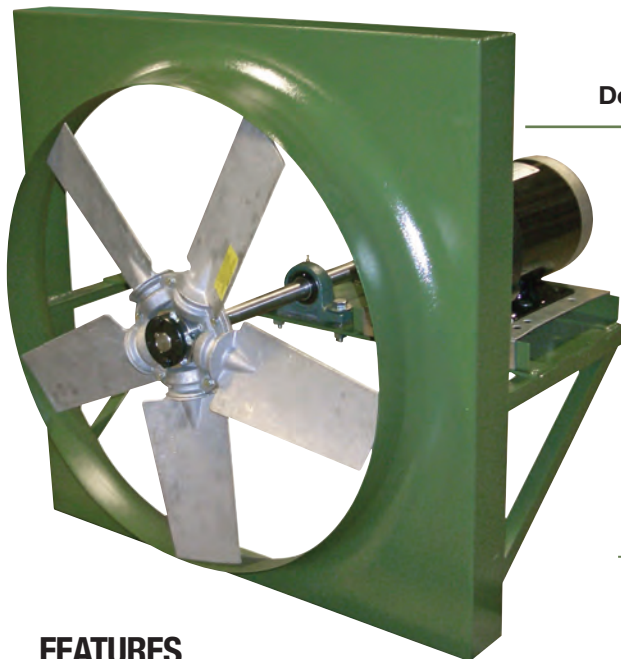
For fan complete with cabinet/guard and shutter, substitute "T" with CBS



For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB



HVA - BELT DRIVE WALL FANS

Designed for heavy duty commercial and industrial exhaust applications.

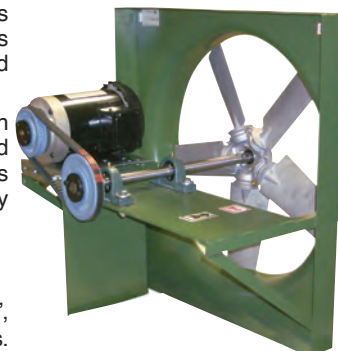
Heavy duty airfoil-cast aluminum or anti-static glass reinforced nylon blades are standard on HVA series fans providing maximum performance at low sound levels.

These fans are typically used for high volume, high static pressure applications. The HVA is designed and constructed for efficient and economical operations while maximizing performance for heavy duty applications.

This fan is used for exhaust applications.

Please consult factory for supply applications.

OPTIONAL - Reversing blades available on 30", 36", 42" and 48" models. Please consult factory for details.



BACK VIEW

FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor and bearing supports.
- Balanced cast aluminum airfoil blades (24" - 48").
- Electro anti-static glass reinforced nylon blades available in 54" - 60".
- Heavy duty cast iron pillow block bearings.
- TEFC motors are standard.

Note Reversing fan with cabinet will be a steel control damper.

Note Non-stock, made-to-order products are non-returnable and cannot be cancelled.

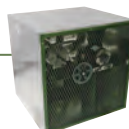
SPECIFICATIONS

BLADE DIAMETER	MODEL #			WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE					
	SINGLE PHASE	THREE PHASE	THREE PHASE REVERSING BLADE					0"	1/8"	1/4"	3/8"	1/2"	3/4"
	24"	HVA24T10075	HVA24T30075*					-	113	1180	3/4	65	6750
	HVA24T10100	HVA24T30100*	-	132	1295	1.0	67	7400	7020	6620	6180	5690	4690
	HVA24T10150	HVA24T30150*	-	114	1475	1.5	70	8430	8090	7680	7390	7000	6010
	HVA24T10200	HVA24T30200*	-	153	1620	2.0	72	9260	8960	8640	8330	7990	7220
	HVA24T10300	HVA24T30300*	-	165	1890	3.0	76	10800	10670	10290	10060	9730	8890
	HVA30T10100	HVA30T30100*	HVAR30T30100*	145	965	1.0	66	10800	10050	9190	8100	6610	2620
	HVA30T10150	HVA30T30150*	HVAR30T30150*	127	1095	1.5	69	12320	11650	11000	10130	9140	5210
	HVA30T10200	HVA30T30200*	HVAR30T30200*	169	1225	2.0	71	13810	13170	12550	11930	11100	9120
	HVA30T10300	HVA30T30300*	HVAR30T30300*	180	1380	3.0	74	15490	14910	14540	13930	13270	11790
	HVA30T10500	HVA30T30500*	HVAR30T30500*	191	1635	5.0	78	18410	17850	17540	17160	16590	15470
	HVA36T10150	HVA36T30150*	HVAR36T30150*	157	830	1.5	69	16300	14950	13590	11730	8430	4610
	HVA36T10200	HVA36T30200*	HVAR36T30200*	199	910	2.0	71	17820	16650	15420	13980	12190	7310
	HVA36T10300	HVA36T30300*	HVAR36T30300*	212	1045	3.0	74	20490	19220	18410	17550	16020	12050
	HVA36T10500	HVA36T30500*	HVAR36T30500*	223	1245	5.0	78	24410	23610	22650	21780	20070	18650
	HVA36T10750	HVA36T30750*	HVAR36T30750*	312	1425	7.5	80	27930	27110	26380	27790	24830	23230
	HVA42T10150	HVA42T30150*	HVAR42T30150*	190	695	1.5	69	18710	17040	14780	10950	6910	-
	HVA42T10200	HVA42T30200*	HVAR42T30200*	231	770	2.0	71	20690	19920	17310	15080	11320	4820
	HVA42T10300	HVA42T30300*	HVAR42T30300*	243	895	3.0	73	24120	22840	21430	19620	17680	10290
	HVA42T10500	HVA42T30500*	HVAR42T30500*	255	1005	5.0	75	27070	25980	24640	23230	21810	17750
	HVA42T10750	HVA42T30750*	HVAR42T30750*	351	1205	7.5	79	32420	31520	30640	29530	28290	25760
	HVA42T11000	HVA42T3100*	HVAR42T3100*	364	1335	10.0	81	35910	35170	34340	33410	32390	30120
	HVA48T10200	HVA48T30200*	HVAR48T30200*	273	645	2.0	68	22430	20350	18290	15340	11070	3560
	HVA48T10300	HVA48T30300*	HVAR48T30300*	284	745	3.0	71	25790	24330	22450	20510	17880	10780
	HVA48T10500	HVA48T30500*	HVAR48T30500*	295	885	5.0	75	30710	29440	27810	26370	24690	20570
	HVA48T10750	HVA48T30750*	HVAR48T30750*	393	1005	7.5	78	34830	33850	32310	31080	29810	26690
	HVA48T11000	HVA48T31000*	HVAR48T31000*	404	1105	10.0	80	38300	37240	36210	34760	33670	31090
	-	HVA48T31500*	HVAR48T31500*	516	1265	15.0	83	43870	42900	42230	40860	39850	37760
	HVA54T10300	HVA54T30300*	-	339	595	3.0	74	33120	30150	26930	22950	16680	5610
	HVA54T10500	HVA54T30500*	-	346	710	5.0	76	39490	37130	34510	31680	28620	18600
	HVA54T10750	HVA54T30750*	-	480	810	7.5	78	45020	42890	40760	38660	35890	29810
	HVA54T11000	HVA54T31000*	-	483	905	10.0	81	50330	48450	46590	44640	42420	37520
	-	HVA54T31500*	-	559	1025	15.0	86	57010	55520	53850	52110	50170	46260
	HVA60T10500	HVA60T30500*	-	377	605	5.0	74	47580	44240	40920	36300	29670	16490
	HVA60T10750	HVA60T30750*	-	508	690	7.5	76	54300	51240	48620	45760	41310	27620
	HVA60T11000	HVA60T31000*	-	520	755	10.0	78	59420	56770	54150	51490	48410	39330
	-	HVA60T31500*	-	605	870	15.0	81	68490	66320	63840	61710	59300	53450
	-	HVA60T32000*	-	670	955	20.0	84	75110	73090	70670	68880	67010	62340

For three phase motors, substitute "R" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt Fan blades tested in accordance with AMCA standard 210, figure 12 dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see Wall Exhaust Options & Accessories.



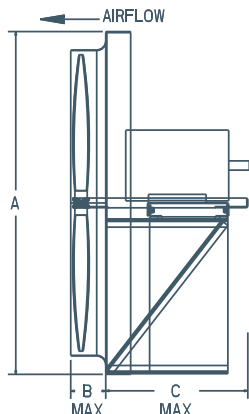
For fan complete with cabinet/guard and shutter, substitute "T" with CBS



For fan complete with front sleeve and shutter, substitute "T" with SLS

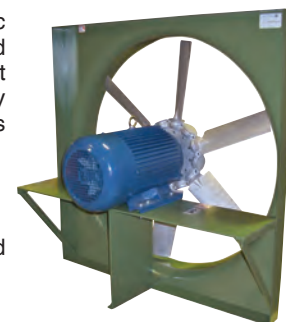


For fan with rear sleeve and back guard, substitute "T" with SLB



ADD - DIRECT DRIVE WALL FANS

Designed for heavy duty commercial and industrial applications
- Factories, Warehouses, Gymnasiums, Underground parking garages, etc.



BACK VIEW

These fans are typically used for high volume, high static pressure applications. The series ADD is designed and constructed for efficient & economical operations and is direct drive, therefore requiring little or no maintenance. Heavy duty airfoil cast aluminum blades are standard to ADD series fans providing maximum performance at low sound levels.

This fan is used for exhaust applications. Please consult factory for supply applications.

OPTIONAL - Reversing blades available on 30", 36", 42" and 48" models. Consult factory for details.

FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor supports.
- Cast aluminum airfoil blades.
- TEFC motors are standard.



These fans can be combined with Explosion Proof Motors for use in hazardous locations. Please consult factory.



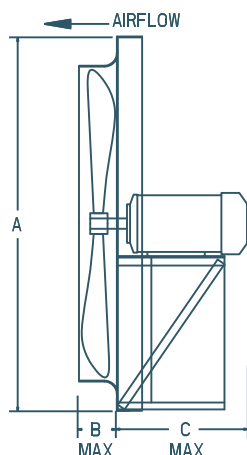
Reversing fan with cabinet will be a steel control damper.



Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (DIRECT DRIVE MOTOR FRAME)		
				56 - 184	213 - 215	254 - 286
ADD12	12"	16.125"	2.0"	13"	--	--
ADD14	14"	18.125"	2.5"	13"	--	--
ADD16	16"	20.125"	3.0"	13"	--	--
ADD18	18"	22.125"	3.0"	13"	--	--
ADD20	20"	24.125"	3.5"	13"	--	--
ADD24	24"	29.625"	4.0"	13"	14"	--
ADD30	30"	35.625"	4.5"	13"	14"	25"
ADD36	36"	41.625"	5.0"	13"	14"	25"
ADD42	42"	47.625"	5.0"	13"	14"	25"
ADD48	48"	53.625"	5.0"	--	14"	25"



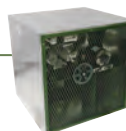
SPECIFICATIONS

BLADE DIAMETER	MODEL #				WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE							
	SINGLE PHASE	THREE PHASE	THREE PHASE REVERSING BLADE						0"	1/8"	1/4"	1/2"	3/4"	1"	1 1/4"	
12"	ADD12T10033C	ADD12T30033C*	-	40	1140	1/3	45	990	760	102	-	-	-	-	-	
	ADD12T10033B	ADD12T30033B*	-	34	1750	1/3	55	1450	1340	1230	313	-	-	-	-	
	ADD14T10033C	ADD14T30033C*	-	42	1140	1/3	49	1450	1190	443	-	-	-	-	-	
	ADD14T10033B	ADD14T30033B*	-	34	1750	1/3	58	2220	2070	1920	1350	512	185	-	-	
	ADD16T10033C	ADD16T30033C*	-	46	1140	1/3	53	2150	1960	1640	340	-	-	-	-	
	ADD16T10050B	ADD16T30050B*	-	38	1750	1/2	63	3300	3180	3040	2690	1750	825	370	-	
16"	ADD18T10033C	ADD18T30033C*	-	47	1140	1/3	57	2990	2740	2450	845	-	-	-	-	
	ADD18T10075B	ADD18T30075B*	-	40	1750	3/4	67	4590	4440	4280	3910	3260	1750	-	-	
	ADD20T10033C	ADD20T30033C*	-	50	1140	1/3	62	4530	3920	3180	739	-	-	-	-	
	ADD20T10100B	ADD20T30100B*	-	61	1750	1	72	6950	6570	6155	5300	3225	1860	853	-	
	ADD24T10050C	ADD24T30050C*	-	91	1140	1/2	59	4990	4610	4180	2920	1210	-	-	-	
	ADD24T10100C	ADD24T30100C*	-	125	1140	1	65	6520	6090	5630	4380	1920	813	-	-	
20"	-	ADD24T30150C*	-	117	1140	1.5	67	8710	8190	7630	6020	2380	720	-	-	
	ADD24T10150B	ADD24T30150B*	-	71	1750	1.5	68	7660	7430	7160	6620	5980	5170	4020	-	
	ADD24T10200B	ADD24T30200B*	-	113	1750	2	73	9210	8950	8660	8090	7470	6660	5540	-	
	ADD24T10300B	ADD24T30300B*	-	125	1750	3	75	11500	11220	10900	10200	9490	8680	7540	-	
	ADD30T10100C	ADD30T30100C*	ADDR30T30100C*	138	1140	1	65	8680	8110	7480	6000	3630	1550	-	-	
	-	ADD30T30150C*	ADDR30T30150C*	131	1140	1.5	69	11800	11230	10600	8950	6070	3070	-	-	
24"	-	ADD30T30200C*	ADDR30T30200C*	149	1140	2	70	12780	12170	11490	9850	7320	3620	-	-	
	ADD30T10300B	ADD30T30300B*	ADDR30T30300B*	139	1750	3	74	13300	12950	12550	11700	11000	9980	8830	-	
	-	ADD30T30500B*	ADDR30T30500B*	149	1750	5	78	18200	17790	17350	16550	15200	14600	13880	-	
	-	ADD36T30200C*	ADDR36T30200C*	180	1140	2	73	14000	13240	12400	10600	8390	5530	-	-	
	-	ADD36T30300C*	ADDR36T30300C*	212	1140	3	74	19400	18520	17550	15600	13100	8980	6450	-	
	-	ADD36T30500C*	ADDR36T30500C*	223	1140	5	76	23600	22870	22050	19700	16850	11700	9220	-	
30"	ADD36T10500B	ADD36T30500B*	ADDR36T30500B*	180	1750	5	75	16200	15730	15200	14200	12800	12200	11050	-	
	ADD36T10750B	ADD36T30750B*	ADDR36T30750B*	245	1750	7.5	82	21500	20980	20400	19400	18350	17100	15850	-	
	ADD36T11000B	ADD36T31000B*	ADDR36T31000B*	255	1750	10	83	29700	29160	28550	27300	26150	24900	23700	-	
	-	ADD42T30200D*	ADDR42T30200D*	233	860	2	70	19200	17830	16300	12400	6720	-	-	-	
	-	ADD42T30300D*	ADDR42T30300D*	233	860	3	72	23210	21800	20230	16280	8980	3940	-	-	
	-	ADD42T30500D*	ADDR42T30500D*	353	860	5	75	28900	27340	25600	20800	11100	6290	-	-	
36"	-	ADD42T30500C*	ADDR42T30500C*	236	1140	5	76	25500	24580	23550	21100	18300	14200	10100	-	
	-	ADD42T30750C*	ADDR42T30750C*	258	1140	7.5	78	30690	29770	28750	26190	23350	19410	12780	-	
	-	ADD42T31000B*	ADDR42T31000B*	254	1750	10	83	26700	25990	25200	23750	22380	21100	19570	-	
	-	ADD42T31500B*	ADDR42T31500B*	380	1750	15	89	39100	38620	38080	36700	34640	33500	32040	-	

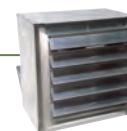
For three phase motors, substitute "*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt Fan blades tested in accordance with AMCA standard 210, figure 12 dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see Wall Exhaust Options & Accessories.



For fan complete with cabinet/guard and shutter, substitute "T" with CBS



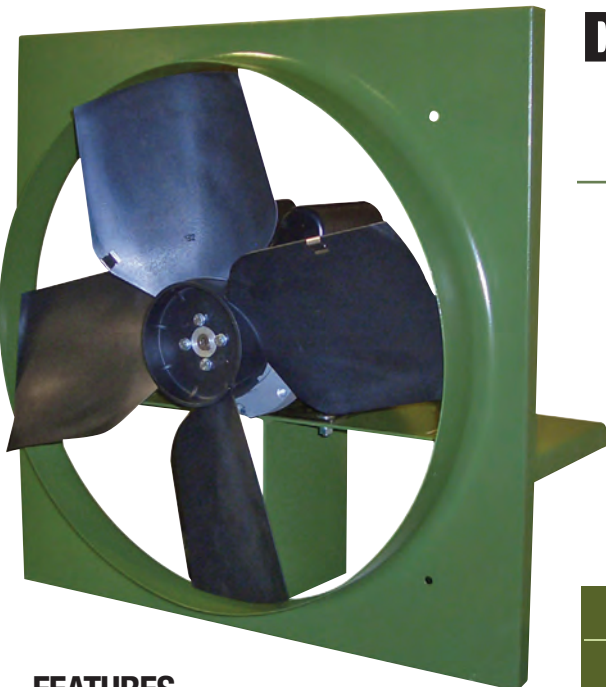
For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB

DDP - DIRECT DRIVE WALL FANS

Designed for heavy duty commercial and industrial applications
 - Factories, Warehouses, Gymnasiums, Underground parking garages, etc.



BACK VIEW

The DDP fan utilizes a fiberglass reinforced polypropylene blade that runs more efficiently and quieter than steel fan blades.

Available in 12" - 24" blade sizes and 1/4 - 2 HP motor sizes.

This fan is used for exhaust applications. Please consult factory for supply applications.

FEATURES

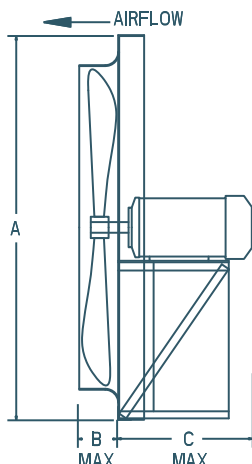
- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor supports.
- Fiberglass reinforced polypropylene blades.
- TEFC motors are standard.



Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (DIRECT DRIVE MOTOR FRAME)	
				56 - 184	213 - 215
DDP12	12"	16.125"	2.0"	13"	--
DDP14	14"	18.125"	2.5"	13"	--
DDP16	16"	20.125"	3.0"	13"	--
DDP18	18"	22.125"	3.0"	13"	--
DDP20	20"	24.125"	3.5"	13"	--
DDP24	24"	29.625"	4.0"	13"	14"



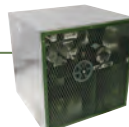
SPECIFICATIONS

BLADE DIAMETER	MODEL #		WEIGHT (lbs)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE						
	SINGLE PHASE	THREE PHASE					0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"
	12"	DDP1230T1033C	DDP1230T3033C*	41	1140	1/3	50	929	755	472	-	-	-
DDP1235T1033C		DDP1235T3033C*	41	1140	1/3	51	1080	859	475	-	-	-	-
DDP1240T1033C		DDP1240T3033C*	41	1140	1/3	51	1240	997	559	-	-	-	-
DDP1230T1033B		DDP1230T3033B*	33	1750	1/3	30	1410	1300	1180	1050	890	-	-
14"	DDP1430T1033C	DDP1430T3033C*	45	1140	1/3	51	1460	1250	1010	560	-	-	-
	DDP1435T1033C	DDP1435T3033C*	45	1140	1/3	52	1680	1430	1120	636	-	-	-
	DDP1430T1033B	DDP1430T3033B*	37	1750	1/3	61	2210	2080	1950	1800	1640	1425	-
	DDP1435T1033B	DDP1435T3033B*	37	1750	1/3	62	2540	2380	2210	2020	1820	1575	-
16"	DDP1630T1033C	DDP1630T3033C*	49	1140	1/3	54	2070	1845	1610	940	-	-	-
	DDP1635T1033C	DDP1635T3033C*	49	1140	1/3	55	2300	2065	1780	1060	-	-	-
	DDP1640T1033C	DDP1640T3033C*	49	1140	1/3	57	1730	2440	2070	1230	-	-	-
	DDP1630T1050B	DDP1630T3050B*	41	1750	1/2	64	3130	2980	2830	2680	2530	2350	2130
18"	DDP1635T1050B	DDP1635T3050B*	41	1750	1/2	64	3480	3330	3170	3000	2820	2610	2400
	DDP1640T1075B	DDP1640T3075B*	41	1750	3/4	66	4130	3940	3730	3550	3290	3000	2680
	DDP1830T1033C	DDP1830T3033C*	50	1140	1/3	55	2790	2530	2270	1870	-	-	-
	DDP1835T1033C	DDP1835T3033C*	50	1140	1/3	58	3190	2910	2600	2205	1330	-	-
20"	DDP1840T1050C	DDP1840T3050C*	62	1140	1/2	61	3850	3480	3040	2485	1580	-	-
	DDP1830T1075B	DDP1830T3075B*	42	1750	3/4	67	4220	4050	3880	3710	3530	3340	3110
	DDP1835T1100B	DDP1835T3100B*	62	1750	1	68	4830	4650	4460	4260	4060	3850	3570
		DDP1840T3150B*	72	1750	1.5	70	5830	5600	5340	5100	4780	4480	4150
24"	DDP2030T1033C	DDP2030T3033C*	53	1140	1/3	63	3710	3405	3100	2720	2040	-	-
	DDP2035T1050C	DDP2035T3050C*	65	1140	1/2	63	4240	3960	3610	3215	2650	-	-
	DDP2030T1100B	DDP2030T3100B*	65	1750	1	72	5610	5420	5220	5000	4800	4610	4370
	DDP2035T1150B	DDP2035T3150B*	75	1750	1.5	73	6410	6220	6010	5800	5600	5360	5110
24"	DDP2040T1150B	DDP2040T3150B*	75	1750	1.5	73	7770	7530	7300	7000	6660	6350	5980
	DDP2425T1050C	DDP2425T3050C*	86	1140	1/2	63	4790	4260	3700	2865	1980	1345	-
	DDP2430T1050C	DDP2430T3050C*	86	1140	1/2	63	5710	5160	4520	3780	2730	2010	-
	DDP2435T1075C	DDP2435T3075C*	88	1140	3/4	64	6420	5815	5180	4425	3370	2445	1810
24"	DDP2425T1100B	DDP2425T3100B*	86	1750	1	73	7240	6900	6550	6210	5850	5370	4840
	DDP2430T1150B	DDP2430T3150B*	76	1750	1.5	73	8580	8300	7920	7510	7100	6640	6150
	DDP2435T1200B	DDP2435T3200B*	108	1750	2	75	9660	9280	8880	8530	8110	7620	7150

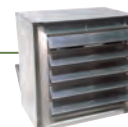
For three phase motors, substitute "3P" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt Fan blades tested in accordance with AMCA standard 210, figure 12 dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see Wall Exhaust Options & Accessories.



For fan complete with cabinet/guard and shutter, substitute "T" with CBS



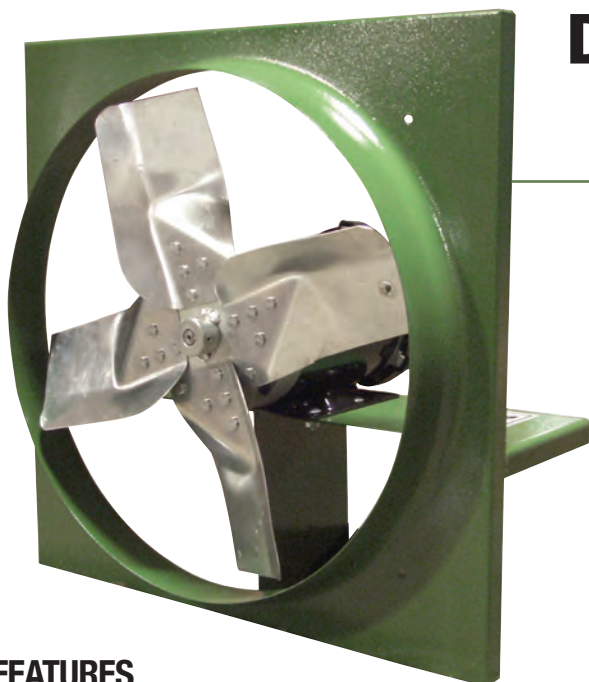
For fan complete with front sleeve and shutter, substitute "T" with SLS



For fan with rear sleeve and back guard, substitute "T" with SLB

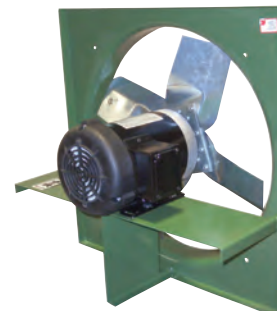
DDS - DIRECT DRIVE WALL FANS

Designed for heavy duty commercial and industrial applications - Factories, Warehouses, Gymnasiums, Underground parking garages, etc.



The DDS fan utilizes a steel fan blade for efficient and economical operations and is direct drive, therefore requiring little to no maintenance.

This fan is used for exhaust applications. Please consult factory for supply applications.



BACK VIEW

SPECIFICATIONS

BLADE DIAMETER	MODEL #		WEIGHT (LBS.)	RPM	H.P.	dBA @ 5 ft.	CFM @ STATIC PRESSURE						
	SINGLE PHASE	THREE PHASE					0"	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"
12"	DDS12T1033C	DDS12T3033C*	42	1140	1/3	53	940	647	325	-	-	-	-
	DDS12T1033B	DDS12T3033B*	34	1750	1/3	65	1422	1285	1062	697	587	419	234
14"	DDS14T1033C	DDS14T3033C*	45	1140	1/3	58	1346	1082	624	395	111	-	-
	DDS14T1033B	DDS14T3033B*	38	1750	1/3	67	2037	1879	1705	1417	1032	882	733
16"	DDS16T1033C	DDS16T3033C*	50	1140	1/3	63	1981	1660	1064	765	463	133	-
	DDS16T1033B	DDS16T3033B*	42	1750	1/3	72	2992	2841	2607	2223	1808	1521	1314
18"	DDS18T1033C	DDS18T3033C*	52	1140	1/3	64	2654	2331	1606	1077	745	449	228
	DDS18T1050B	DDS18T3050B*	44	1750	1/2	74	4016	3816	3594	3304	2934	2173	1814
20"	DDS20T1033C	DDS20T3033C*	56	1140	1/3	69	3561	3210	2734	1774	1350	986	675
	DDS20T1100B	DDS20T3100B*	67	1750	1	78	5389	5162	4926	4674	4350	3951	3191
24"	DDS24T1075C	DDS24T3075C*	100	1140	3/4	73	6549	6017	5527	4482	3454	2801	2226
	DDS24T1100B	DDS24T3100B*	93	1750	1	81	6761	6453	6128	5792	5291	4802	4316
30"	-	DDS30T3150C*	139	1140	1.5	79	11600	10925	10193	9127	7504	6177	5178
	DDS30T1500B	DDS30T3500B*	157	1750	5	90	17552	17106	16661	16215	15745	15190	14541
36"	-	DDS36T3200D*	230	860	2	80	16364	15172	13864	11597	9443	8094	6134
	-	DDS36T3500C*	233	1140	5	88	21692	20793	19893	18903	17883	15993	13983
42"	-	DDS42T3500D*	371	860	5	85	24499	23193	21957	20490	18660	15890	12704
	-	DDS42T3500C*	253	1140	5	88	23209	22619	21962	21019	19925	18829	17519
48"	-	DDS48T3750D*	520	860	7.5	89	35654	33411	31857	30219	28021	25622	22628
	-	DDS48T3750C*	398	1140	7.5	92	32563	31677	30688	29636	28562	27222	25795

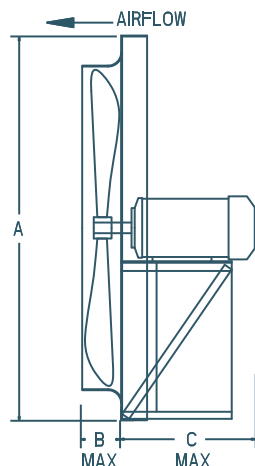
FEATURES

- Heavy gauge steel fan panel with deep spun and flared venturi for maximum efficiency.
- Heavy gauge welded steel motor supports.
- Galvanized, heavy gauge steel blades that are statically and dynamically balanced.
- TEFC motors are standard.

Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	BLADE DIAMETER	A X A SQUARE	B	C (DIRECT DRIVE MOTOR FRAME)		
				56 - 184	213 - 215	254 - 286
DDS12	12"	16.125"	2.0"	13"	--	--
DDS14	14"	18.125"	2.5"	13"	--	--
DDS16	16"	20.125"	3.0"	13"	--	--
DDS18	18"	22.125"	3.0"	13"	--	--
DDS20	20"	24.125"	3.5"	13"	--	--
DDS24	24"	29.625"	4.0"	13"	14"	--
DDS30	30"	35.625"	4.5"	13"	14"	25"
DDS36	36"	41.625"	5.0"	13"	14"	25"
DDS42	42"	47.625"	5.0"	13"	14"	25"
DDS48	48"	53.625"	5.0"	--	14"	25"



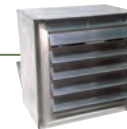
For three phase motors, substitute "*" with "M" for 230/460 volt (if 208V required please specify) or "P" for 575 volt Fan blades tested in accordance with AMCA standard 210, figure 12 dBA ratings shown are measured at 0" static pressure and should be used as a guideline only

OPTIONS

For a complete listing of all available options, see Wall Exhaust Options & Accessories.



For fan complete with cabinet/guard and shutter, substitute "T" with CBS



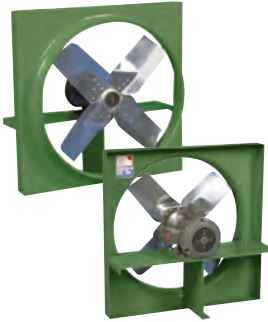
For fan complete with front sleeve and shutter, substitute "T" with SLS



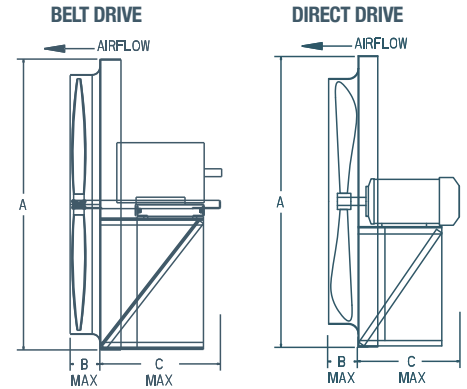
For fan with rear sleeve and back guard, substitute "T" with SLB

WALL EXHAUST FANS & VENTURI DIMENSIONS FOR STANDARD OPTIONS

VENTURI



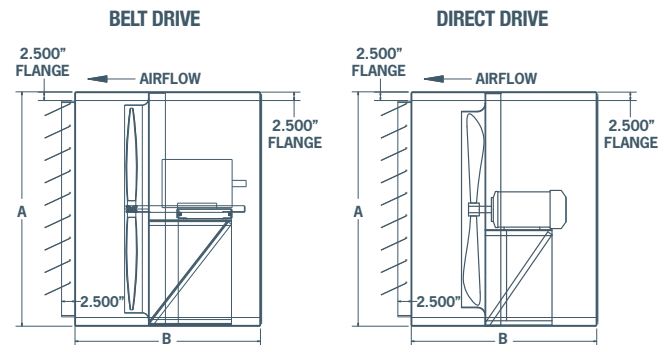
BLADE DIAMETER	A X A SQUARE	B	C				
			BELT DRIVE MOTOR FRAME		DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286
12"	16.125"	2.0"	--	--	13"	--	--
14"	18.125"	2.5"	--	--	13"	--	--
16"	20.125"	3.0"	--	--	13"	--	--
18"	22.125"	3.0"	--	--	13"	--	--
20"	24.125"	3.5"	--	--	13"	--	--
24"	29.625"	4.0"	18"	--	13"	14"	--
30"	35.625"	4.5"	18"	--	13"	14"	25"
36"	41.625"	5.0"	18"	28"	13"	14"	25"
42"	47.625"	5.0"	18"	28"	13"	14"	25"
48"	53.625"	5.0"	18"	28"	--	14"	25"
54"	59.657"	5.5"	18"	28"	--	--	--
60"	67.657"	6.0"	18"	28"	--	--	--



CABINET, BACK GUARD & SHUTTER (CBS)



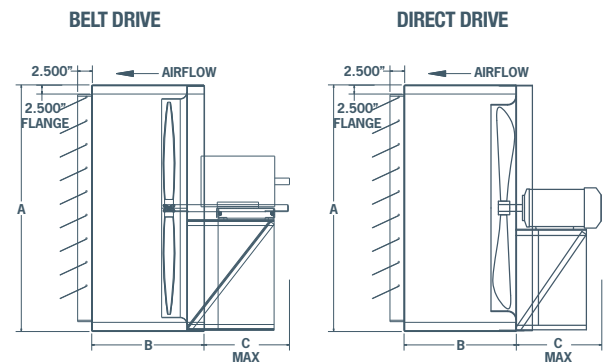
BLADE DIAMETER	A X A SQUARE	B	C				
			BELT DRIVE MOTOR FRAME		DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286
12"	16.375"	--	--	--	26"	--	--
14"	18.375"	--	--	--	26"	--	--
16"	20.375"	--	--	--	26"	--	--
18"	22.375"	--	--	--	26"	--	--
20"	24.375"	--	--	--	26"	--	--
24"	29.875"	33"	--	33"	33"	33"	43"
30"	35.875"	33"	--	33"	33"	33"	43"
36"	41.875"	33"	43"	33"	33"	33"	43"
42"	47.875"	33"	43"	33"	33"	33"	43"
48"	53.875"	33"	43"	--	33"	33"	43"
54"	59.9375"	33"	43"	--	--	--	--
60"	67.9375"	33"	43"	--	--	--	--



FRONT SLEEVE & SHUTTER (SLS)



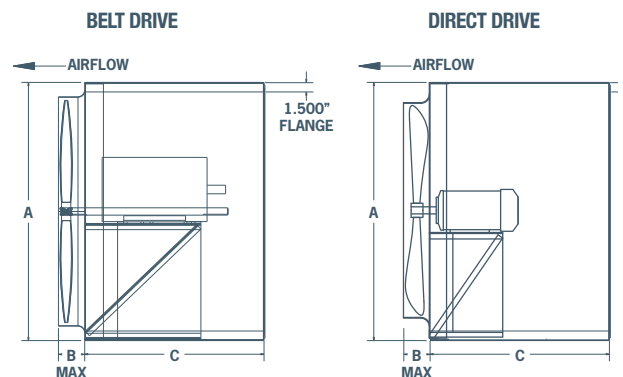
BLADE DIAMETER	A X A SQUARE	B	C				
			BELT DRIVE MOTOR FRAME		DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286
12"	16.375"	15.0"	--	--	12"	--	--
14"	18.375"	15.0"	--	--	12"	--	--
16"	20.375"	15.0"	--	--	12"	--	--
18"	22.375"	15.0"	--	--	12"	--	--
20"	24.375"	15.0"	--	--	12"	--	--
24"	29.875"	19.0"	15"	--	10"	11"	--
30"	35.875"	19.0"	15"	--	10"	11"	22"
36"	41.875"	19.0"	15"	25"	10"	11"	22"
42"	47.875"	19.0"	15"	25"	10"	11"	22"
48"	53.875"	19.0"	15"	25"	--	11"	22"
54"	59.9375"	19.0"	15"	25"	--	--	--
60"	67.9375"	19.0"	15"	25"	--	--	--



REAR SLEEVE & BACK GUARD (SLB)



BLADE DIAMETER	A X A SQUARE	B	C				
			BELT DRIVE MOTOR FRAME		DIRECT DRIVE MOTOR FRAME		
			56 - 184	213 - 286	56 - 184	213 - 215	254 - 286
12"	16.375"	2.0"	--	--	15"	--	--
14"	18.375"	2.5"	--	--	15"	--	--
16"	20.375"	3.0"	--	--	15"	--	--
18"	22.375"	3.0"	--	--	15"	--	--
20"	24.375"	3.5"	--	--	15"	--	--
24"	29.875"	4.0"	19"	--	19"	19"	--
30"	35.875"	4.5"	19"	--	19"	19"	29"
36"	41.875"	5.0"	19"	29"	19"	19"	29"
42"	47.875"	5.0"	19"	29"	19"	19"	29"
48"	53.875"	5.0"	19"	29"	--	19"	29"
54"	59.9375"	5.5"	19"	29"	--	--	--
60"	67.9375"	6.0"	19"	29"	--	--	--

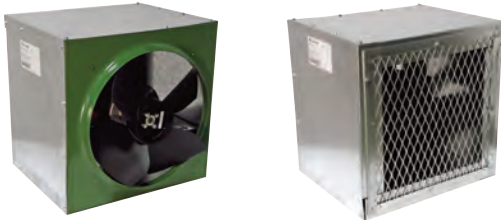


OPTIONS & ACCESSORIES

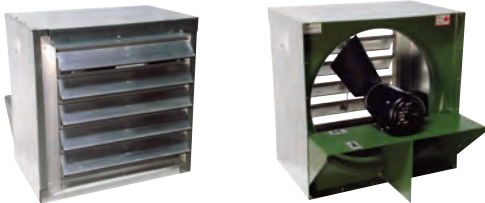
CABINET, BACK GUARD & SHUTTER (CBS)



REAR SLEEVE & BACK GUARD (SLB)



FRONT SLEEVE & SHUTTER (SLS)



MOTOR OPTIONS

TWO SPEED MOTOR

Two speed motors are available for some of Canarm/LFI's exhaust fans. 1800/1200 or 1800/900 RPM variable torque, single and three phase. Consult factory for available voltages and configurations.

EXPLOSION PROOF MOTORS

Some of Canarm/LFI exhaust fans can be equipped with Explosion Proof Motors for hazardous locations. Class I, Groups C & D - Class II, Groups F & G. Consult factory for models.

CLASS I, GROUP C Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.

CLASS I, GROUP D Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses or vapors of equivalent hazard.

CLASS II GROUP F Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.

CLASS II GROUP G Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.

STEEL CONTROL & MOTORIZED CONTROL DAMPERS



Motorized steel control dampers can be mounted in fan cabinet or sleeve in either exhaust or intake applications. Consult factory.

FIXED LOUVRES

Fixed louvres are available shipped loose or mounted in fan cabinet or sleeve for exhaust or intake applications. Consult factory.

GUARDS



FRONT GUARD

Front guards available. Consult factory. Wire mesh not available on all sizes.

SPECIAL COATING

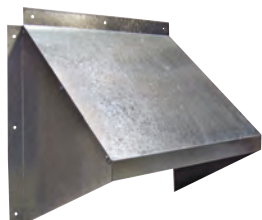
For most applications, Canarm LFI's standard enamel paint will provide the necessary surface protection for painted parts. For special requirements, coatings such as hot dipped galvanizing and epoxy, please consult factory.

DISCONNECT SWITCHES

Wire disconnect switches are available. See **Controls & Thermostats** section for details.

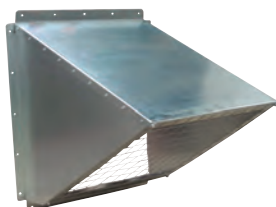
HOODS

GH GALVANIZED HOODS



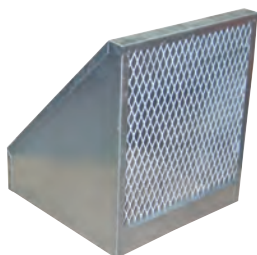
- Economical shipping.
- Easy to assemble, galvanized hood.
- No screens.

GH KNOCK DOWN HOODS



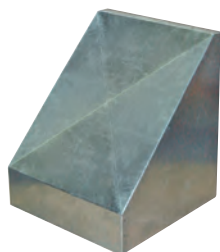
- Easy to assemble, galvanized hood.
- Includes bird screen.

WHA HOODS



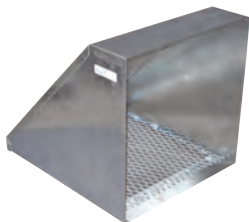
- For AX fans.
- Shipped fully assembled.
- 18 gauge galvanized weather hoods complete with bird screen.

WHP HOODS



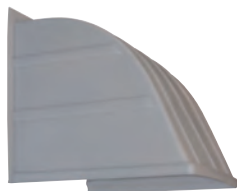
- Optional insect screen available. Consult factory.
- For Panel fans.

INTAKE & EXHAUST HOODS



- Shipped fully assembled.
- 18 gauge galvanized weather hoods complete with bird screen.

PLASTIC HOODS



- Rugged, grey plastic hood.
- No screens.

HOOD MODEL	DIMENSIONS		APPROX. WEIGHT (LBS)	FANS THAT WILL FIT
	INSIDE DIMENSIONS	OUTSIDE DIMENSIONS		
GH-XF12-M	14.75"W X 14.0"H	18"W X 15.75"H	4	XF12 / XB12 / SD8 / SD10 / AX8 / AX10 / AX12
GH-XF16-M	18.75"W X 17.75"H	22"W X 19.75"H	7	XF16 / XB12 / HV12 / HVA12 / ADD12 / DDP12 / DDS12 / SD12-14 / AX14-16
GH-XF20-M	22.75"W X 22"H	26"W X 23.75"H	9	XF20 / XB14 / XB16 / HV14-16 / HVA14-16 / ADD14-16 / DDP14-16 / DDS14-16 / SD16-18 / AX18-20
GH-XF24-M	26.75"W X 26"H	29"W X 27.25"H	12	XFS24

GH KNOCK DOWN HOODS

GH-KD24	31.65"W X 31.85"H	34.65"W X 34.83"H	31	XB24 / HV24 / HVA24 / ADD24 / DDP24 / DDS24 / SD24 / AX24
GH-KD36	43.62"W X 43.93"H	46.62"W X 46.82"H	75	XB30-36 / HV30-36 / HVA30-36 / ADD30-36 / DDS30-36 / SD30-36 / AX30-36 / AX42
GH-KD48	55.62"W X 55.25"H	58.62"W X 58.82"H	TBA	XB42-48 / HV42-48 / HVA42-48 / ADD42-48 / DDS42-48 / SD42 / AX42
GH-KD60	69.76"W X 69.92"H	72.76"W X 72.95"H	TBA	XBS4-60 / HV54-60 / HVA54-60 / ADD54-60

WHA HOODS

WHA8-10	12.11"W X 12.11"H		13	AX08-10, SD8
WHA12	14.05"W X 14.05"H		16	AX12, SD10
WHA14	16.11"W X 16.11"H		22	AX14, SD12
WHA16	18.11"W X 18.11"H		26	AX16, SD14
WHA18	20.11"W X 20.11"H		29	AX18, SD16
WHA20	22.05"W X 22.05"H		31	AX20, SD18
WHA24	26.05"W X 26.05"H		47	AX24
WHA30	33.05"W X 33.05"H		59	AX30
WHA36	39.11"W X 39.11"H		76	AX36

WHP HOODS

WH8-10P	14.45"W x 14.45"H		20	P08 / P10
WH12P	17.40"W X 17.40"H		16	P12
WH14P	19.20"W X 19.20"H		24	P14
WH16P	21.20"W X 21.20"H		26	P16
WH18P	23.20"W X 23.20"H		29	P18
WH20P	25.20"W X 25.20"H		44	P20
WH24P	29.15"W X 29.15"H		44	P24
WH30P	35.65"W X 35.65"H		60	P30
WH36P	41.65"W X 41.65"H		77	P36

EXHAUST / INTAKE / WEATHER HOODS

EH12	16.55"W X 16.55"H		9	XF12 / SD8-12 / AX8-14 / XB12 / HV12 / HVA12 / ADD12 / DDP12 / DDS12
EH14	18.60"W X 18.60"H		15	XB14 / HV14 / HVA14 / ADD14 / DDP14 / DDS14 / SD14 / XF16 / AX16
EH16	20.60"W X 20.60"H		20	AX18 / SD16 / XB16 / HV16 / HVA16 / ADD16 / DDP16 / DDS16
EH18	22.55"W X 22.55"H		31	SD18 / XB18 / HV18 / HVA18 / ADD18 / DDP18 / DDS18 / XF20 / AX20
EH20	24.55"W X 24.55"H		44	SD20 / XB20 / XF24 / HV20 / HVA20 / ADD20 / DDP20 / DDS20
EH24	30.05"W X 30.05"H		60	SD24 / AX24 / XB24 / ADD24 / HV24 / HVA24 / DDP24 / DDS24
EH30	36.35"W X 36.35"H		72	SD30 / AX30 / XB30 / HV30 / HVA30 / ADD30 / DDS30 / JFHVA24
EH36	42.30"W X 42.30"H		104	SD36 / AX36 / XB36 / HV36 / HVA36 / ADD36 / DDS36 / JFHVA30
EH42	48.63"W X 48.63"H		163	XB42 / HV42 / HVA42 / ADD42 / DDS42 / JFHVA36 / SD42 / AX42
EH48	54.64"W X 54.64"H		TBA	XB48 / HV48 / HVA48 / ADD48 / DDS48 / JFHVA42
EH54	61.20"W X 61.20"H		TBA	XB54 / HV54 / HVA54 / ADD54 / JFHVA48
EH60	69.39"W X 69.39"H		TBA	XB60 / HV60 / HVA60 / ADD60

PLASTIC HOODS

HFP-18G	21.50"W X 21.75"H		9	S8 / S10 / S12 / S14 / S16 / S18 AX08 / AX10 / AX12 / AX14 / AX16 / AX18
HFP-24G	27.50"W X 27.75"H		13	S20 / S24 AX20 / AX24



AX - SHUTTER MOUNTED FANS

Designed for Industrial, Commercial and Farming applications.



The AX series exhaust fan is a sturdily constructed, direct drive, horizontal discharge fan that is typically used for general ventilation of factories, garages, warehouses and other industrial or commercial buildings. The AX fans are available in multiple single-speed variations as well as two-speed and variable speed models. The AX series housings are constructed of heavy duty aluminum with built in shutters that automatically open when the fan starts and gravity closes when the fan stops.

Some models now available with optional DC volt motor. Call for details.

SPECIFICATIONS

SINGLE PHASE	THREE PHASE ***	BLADE DIAMETER	RPM	HP (SINGLE PHASE)	VOLTAGE (SINGLE PHASE)	AMPS (FLA) (SINGLE PHASE)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS			
									0.00"	0.10"	0.125"	0.25"				
SINGLE SPEED - VARIABLE SPEED FANS																
AX12-1V	AX12-1*	12"	1700	1/3	115/230	5.0/2.5	26	63	1650	1560	1525	1400	14" X 14"			
AX12-1VHE	-	12"	1450	1/15	115	1.0	22	60	1350	1290	1275	1150	14" X 14"			
AX14-1V	AX14-1*	14"	1700	1/3	115/230	5.0/2.5	29	67	2170	2030	1950	1900	16" X 16"			
AX14-1VHE	-	14"	1450	1/15	115	1.0	25	64	1600	1525	1500	1300	16" X 16"			
AX16-1V	AX16-1*	16"	1700	1/3	115/230	5.0/2.5	30	68	2570	2470	2410	2260	18" X 18"			
AX16-1VHE	-	16"	1450	1/15	115	1.0	26	63	1850	1750	1700	1550	18" X 18"			
AX18-1V	AX18-1*	18"	1700	1/3	115/230	3.8/1.9	36	71	3150	3000	2900	2575	20" X 20"			
AX20-1V	AX20-1*	20"	1700	1/3	115/230	3.8/1.9	39	77	3620	3420	3340	3120	22" X 22"			
AX24-1V	-	24"	1100	1/3	115/230	4.4/2.2	43	72	5500	5400	5310	5100	26" X 26"			
-	AX24-1*	24"	1100	1/3	-	-	43	77	5500	5400	5310	5100	26" X 26"			
SINGLE SPEED FANS																
AX12-2	--	12"	1625	1/4	115	2.7	27	63	1640	1540	1510	1390	14" X 14"			
AX14-2	--	14"	1625	1/4	115	2.7	30	67	2170	2070	2030	1860	16" X 16"			
AX16-2	--	16"	1625	1/4	115	2.7	31	68	2370	2270	2210	2060	18" X 18"			
AX18-2	--	18"	1625	1/3	115	4.1	37	73	3200	3090	3040	2920	20" X 20"			
AX20-2	--	20"	1625	1/3	115	4.1	39	77	3420	3220	3170	2920	22" X 22"			
AX24-2	--	24"	1100	1/3	115	5.4	45	70	5000	4500	4300	3600	26" X 26"			
AX30-2	--	30"	1100	1/3	115/230	4.4/2.2	72	82	8000	7000	6000	5000	33" X 33"			
AX36-7M	AX36-7M**	36"	850	1/2	115/230	6.6/3.3	88	72	10000	8500	8000	6200	39" X 39"			
AX42-7	--	42"	850	1	230	5	122	84	BHP	FEI	BHP	FEI	45" X 45"			
									0.89	1.32	0.92	1.43	0.92	1.44	0.97	1.36
									13100	11860	11400	8800				
--	AX42-7M	42"	850	1	230/460	6.6/3.4	122	84	BHP	FEI	BHP	FEI	BHP	FEI		
									1.00	1.18	0.99	1.30	1.00	1.27	0.99	1.21
									13200	11860	11100	8000				
TWO SPEED FANS																
*NOTE: 8 & 10" models feature a cord & plug and pull chain control.																
*AX08	--	8"	1600/1300	25W	115	0.2	13	48	360/292	270/150	230/110	-	12" X 12"			
*AX10	--	10"	1480/1150	60W	115	0.5	15	55	500/388	420/300	400/250	-	12" X 12"			
AX12-3	--	12"	1725/1140	1/4	115	3.4	27	64	1670/1100	1600/950	1575/900	1450/625	14" X 14"			
AX14-3	--	14"	1725/1140	1/4	115	3.4	31	67	2190/1440	2080/1325	2000/1300	1950/850	16" X 16"			
AX16-3	--	16"	1725/1140	1/4	115	3.4	34	69	2580/1770	2480/1620	2430/1560	2270/1020	18" X 18"			
AX18-3	--	18"	1725/1140	1/3	115	5.5/2.9	38	74	3200/2310	3050/2030	2950/1960	2625/1750	20" X 20"			
AX20-3	--	20"	1725/1140	1/3	115	5.5/2.9	41	77	3640/2420	3440/2270	3360/2210	3140/1890	22" X 22"			
SINGLE SPEED EXPLOSION PROOF FANS (Explosion Proof Motors are DIVISION 1 - CLASS 1 - GROUP C & D and CLASS 2 - GROUP F & G)																
Class I, Group C - Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.																
Class I, Group D - Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gases or vapors of equivalent hazard.																
Class II Group F - Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.																
Class II Group G - Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.																
AX12-4	AX12-4*	12"	1725	1/3	115/230	6.6/3.3	49	63	1670	1600	1575	1450	14" X 14"			
AX14-4	AX14-4*	14"	1725	1/3	115/230	6.6/3.3	49	67	2190	2080	2000	1950	16" X 16"			
AX16-4	AX16-4*	16"	1725	1/3	115/230	6.6/3.3	51	68	2580	2480	2430	2270	18" X 18"			
AX18-4	AX18-4*	18"	1725	1/3	115/230	6.6/3.3	56	73	3200	3050	2950	2625	20" X 20"			
AX20-4	AX20-4*	20"	1725	1/3	115/230	6.6/3.3	57	77	3640	3440	3360	3140	22" X 22"			
AX24-4	AX24-4*	24"	1725	1/3	115/230	6.6/3.3	57	77	5520	5410	5330	5130	26" X 26"			

FEATURES

- Sturdily constructed from all-aluminum extrusions.
- 8" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
- 30", 36" & 42" models have grey powder coated guards.
- Totally enclosed air over motor with overload protection.
- Ships fully assembled.

NOTE: 8 & 10" models feature a cord & plug and pull chain control.



ACCESSORIES

- Speed controls
- Thermostats
- Front guard
- Weather hoods

For a complete listing on all available accessories, see page D17
 For a complete listing of all available hoods, see page D11.
 For all available control options, see Controls & Thermostats tab.

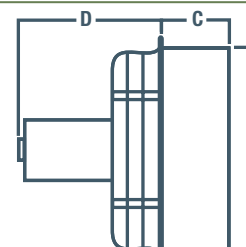
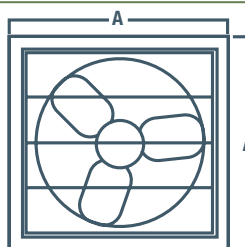
For three phase motors, substitute "*" with "M" for 230/460 volt or "P" for 575 volt.
 **NOTE: AX36-7M is only available in 208-230/460 volt for three phase

applications. Other voltages in single or three phase are available. 50HZ voltages are available. Consult factory.

***These models are not cETLus certified. For full performance data consult our Delair software - www.canarm.com/delair

DIMENSIONS

MODEL	A	B	C	D	
				AX	AX-4~
AX08	14 3/4"	11 3/4"	5"	3 7/8"	-
AX10	14 3/4"	11 3/4"	5"	3 7/8"	-
AX12	16 3/4"	13 3/4"	5"	11"	13 3/4"
AX14	18 3/4"	15 3/4"	5"	11"	13 3/4"
AX16	20 3/4"	17 3/4"	5"	11"	13 3/4"
AX18	22 3/4"	19 3/4"	5"	12"	14"
AX20	24 3/4"	21 3/4"	5"	12"	14"
AX24	28 3/4"	25 3/4"	5"	12"	13 3/4"
AX30	35 1/4"	32 3/4"	5"	13"	-
AX36	41 1/4"	38 3/4"	5"	12"	-
AX42	47 3/4"	44 3/4"	5"	11"	-



~ Explosion Proof Motor, 50 Hz or 3 phase



EXPLOSION PROOF MOTOR



NEW

AX-EC - SHUTTER MOUNTED FANS

Designed for Industrial, Commercial & Farming applications.



May not be as shown

The AX-EC series exhaust fan is a sturdily constructed, direct drive, horizontal discharge fan that is typically used for general ventilation of factories, garages, warehouses and other industrial or commercial buildings.

Models are equipped with variable speed, high efficiency EC motors.

The AX-EC series housings are constructed of heavy duty aluminum with built in shutters that automatically open when the fan starts and gravity closes when the fan stops.

Up to 70% energy savings with EC Motors.

FEATURES

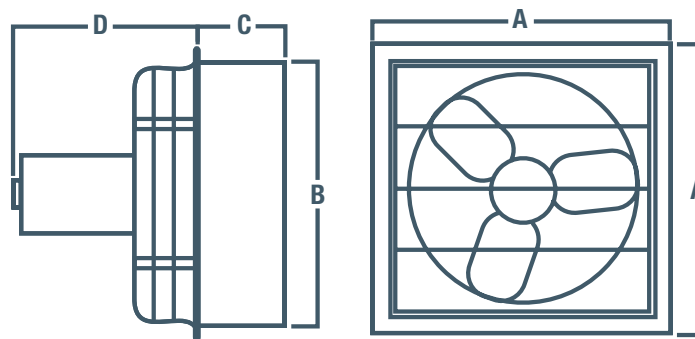
- Sturdily constructed from all-aluminum extrusions.
- 8" - 20" models have heavy wire chrome plated OSHA guards on intake side of fan.
- Variable speed, high efficiency EC Motor.
- Ships fully assembled.
- Fans can be shipped via UPS

SPECIFICATIONS

MODEL	SPEED	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS
									0.00"	0.10"	0.125"	0.25"	
AX08-ECV	Variable	8"	1800	1/4	115/208-280	2.8/1.7-1.3	12	48	360	270	230	0	12" X 12"
AX10-ECV	Variable	10"	1800	1/4	115/208-280	2.8/1.7-1.3	13	56	690/580	590/460	570/390	0	12" X 12"
AX12-EC	Variable	12"	1800	1/4	115/208-280	2.8/1.7-1.3	32	60	1650	1540	1510	1390	14" X 14"
AX14-EC	Variable	14"	1800	1/4	115/208-280	2.8/1.7-1.3	34	65	2180	2080	2060	1890	16" X 16"
AX16-EC	Variable	16"	1800	1/4	115/208-280	2.8/1.7-1.3	36	63	2370	2270	2210	2063	18" X 18"
AX18-EC	Variable	18"	1800	1/3	115/208-280	3.5/2.2-1.7	37	73	3200	3090	3040	2920	20" X 20"
AX20-EC	Variable	20"	1800	1/2	115/208-280	5.3/3.3-2.6	45	77	3440	3240	3180	2930	22" X 22"
AX24-EC	Variable	24"	1200	1/2	115/208-281	5.7/3.5-2.8	56	70	5500	5400	5310	5100	26" X 26"
AX30-EC	Variable	30"	1000	3/4	115/208-282	9.5/5.2-4.2	72	82	8000	7000	6000	5000	33" X 33"
AX36-EC	Variable	36"	1000	3/4	115/208-283	9.5/5.2-4.2	88	84	10000	8500	8000	6200	39" X 39"

DIMENSIONS

MODEL	A	B	C	D
AX08-EC	14 3/4"	11 3/4"	5"	9.5"
AX10-EC	14 3/4"	11 3/4"	5"	9.5"
AX12-EC	16 3/4"	13 3/4"	5"	11"
AX14-EC	18 3/4"	15 3/4"	5"	11"
AX16-EC	20 3/4"	17 3/4"	5"	11"
AX18-EC	22 3/4"	19 3/4"	5"	12"
AX20-EC	24 3/4"	21 3/4"	5"	12"
AX24-EC	28 3/4"	25 3/4"	5"	12"
AX30-EC	35 1/4"	32 3/4"	5"	13"
AX36-EC	41 1/4"	38 3/4"	5"	11"



ACCESSORIES

- 0V to 10V controls
- Thermostats
- Front guard
- Weather hoods

For a complete listing on all available accessories, see [Accessories for AX & P Series Fans](#).

For a complete listing of all available hoods, see [Wall Exhaust Options & Accessories](#).

For all available control options, see [Controls & Thermostats](#) tab.



P SERIES FAN

NOTE: 8 & 10" models feature a cord & plug and pull chain control.

FEATURES

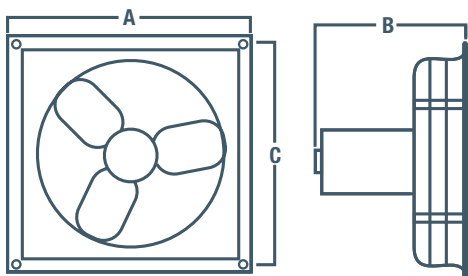
- Sturdily constructed direct drive, horizontal discharge fan.
- Durable powder coated finish.
- 8" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan. 30" & 36" models have grey powder coated guards.
- Totally enclosed air over motor with overload protection.
- Ships fully assembled.



DIMENSIONS

MODEL	A X A SQUARE	B		C c/c
		P	P-4~	
P08	13 3/8"	5 1/4"	-	12"
P10	15 3/8"	5 1/2"	-	14"
P12	17 1/4"	11"	13 3/4"	16"
P14	19 1/4"	11"	13 3/4"	18"
P16	21 1/4"	11"	13 3/4"	20"
P18	23 1/4"	11 1/4"	14"	22"
P20	25 1/4"	11 1/4"	14"	24"
P24	29 1/4"	11"	13 3/4"	28"
P30	35 1/4"	13 1/4"	-	34"
P36	41 1/4"	13 1/2"	-	40"

~ Explosion Proof Motor, 50 Hz or 3 phase



P - PANEL MOUNTED FANS

Designed for Industrial, Commercial & Farming applications.

The P series exhaust fan is a sturdily constructed, direct drive, horizontal discharge fan that is typically used for industrial, commercial and farming applications. The P fans are available in single-speed variations as well as two-speed and variable speed models.

SPECIFICATIONS

SINGLE PHASE	THREE PHASE ***	BLADE DIAMETER	RPM	HP (SINGLE PHASE)	VOLTAGE (SINGLE PHASE)	AMPS (FLA) (SINGLE PHASE)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE			
									0.00"	0.10"	0.125"	0.25"
SINGLE SPEED - VARIABLE SPEED FANS												
P12-1V	P12-1*	12"	1700	1/3	115/230	5.0/2.5	26	63	1650	1560	1525	1400
P12-1VHE	--	12"	1450	1/15	115	1.0	22	60	1350	1290	1275	1150
P14-1V	P14-1*	14"	1700	1/3	115/230	5.0/2.5	29	67	2170	2030	1950	1900
P14-1VHE	--	14"	1450	1/15	115	1.0	25	64	1600	1525	1500	1300
P16-1V	P16-1*	16"	1700	1/3	115/230	5.0/2.5	30	68	2570	2470	2410	2260
P16-1VHE	--	16"	1450	1/15	115	1.0	26	63	1850	1750	1700	1550
P18-1V	P18-1*	18"	1700	1/3	115/230	3.8/1.9	36	71	3150	3000	2900	2575
P20-1V	P20-1*	20"	1700	1/3	115/230	3.8/1.9	39	77	3620	3420	3340	3120
P24-1V	--	24"	1100	1/3	115/230	4.4/2.2	43	72	5500	5400	5310	5100
--	P24-1*	24"	1700	1/3	--	--	57	77	5520	5410	5330	5130
SINGLE SPEED FANS												
P12-2	--	12"	1625	1/4	115	2.7	27	63	1640	1540	1510	1390
P14-2	--	14"	1625	1/4	115	2.7	30	67	2170	2070	2030	1860
P16-2	--	16"	1625	1/4	115	2.7	31	68	2370	2270	2210	2060
P18-2	--	18"	1625	1/3	115	4.1	37	73	3200	3090	3040	2920
P20-2	--	20"	1625	1/3	115	4.1	39	77	3420	3220	3170	2920
P24-2	--	24"	1100	1/3	115	5.4	45	70	5000	4500	4300	3600
P30-2	--	30"	1100	1/3	115/230	4.4/2.2	72	82	8000	7000	6000	5000
P36-7	P36-7M**	36"	850	1/2	115/230	6.6/3.3	88	72	10000	8500	8000	6200
TWO SPEED FANS *NOTE: 8 & 10" models feature a cord & plug and pull chain control.												
*P08	--	8"	1600/1300	25W	115	0.2	14	48	360/292	270/150	230/110	--
*P10	--	10"	1480/1150	60W	115	0.5	14	55	500/388	420/300	400/250	--
P12-3	--	12"	1725/1140	1/4	115	3.4	27	64	1670/1100	1600/950	1575/900	1450/625
P14-3	--	14"	1725/1140	1/4	115	3.4	31	67	2190/1440	2080/1325	2000/1300	1950/850
P16-3	--	16"	1725/1140	1/4	115	3.4	34	69	2580/1770	2480/1620	2430/1560	2270/1020
P18-3	--	18"	1725/1140	1/3	115	5.5/2.9	38	74	3200/2310	3050/2030	2950/1960	2625/1750
P20-3	--	20"	1725/1140	1/3	115	5.5/2.9	41	77	3640/2420	3440/2270	3360/2210	3140/1890
SINGLE SPEED EXPLOSION PROOF FANS												
(Explosion Proof Motors are DIVISION 1 - CLASS 1 - GROUP C & D and CLASS 2 - GROUP F & G)												
Class I, Group C - Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.												
Class I, Group D - Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gases or vapors of equivalent hazard.												
Class II Group F - Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.												
P12-4	P12-4*	12"	1725	1/3	115/230	6.6/3.3	49	63	1670	1600	1575	1450
P14-4	P14-4*	14"	1725	1/3	115/230	6.6/3.3	49	67	2190	2080	2000	1950
P16-4	P16-4*	16"	1725	1/3	115/230	6.6/3.3	51	68	2580	2480	2430	2270
P18-4	P18-4*	18"	1725	1/3	115/230	6.6/3.3	56	73	3200	3050	2950	2625
P20-4	P20-4*	20"	1725	1/3	115/230	6.6/3.3	57	77	3640	3440	3360	3140
P24-4	P24-4*	24"	1725	1/3	115/230	6.6/3.3	57	77	5520	5410	5330	5130

For three phase motors, substitute *** with "M" for 230/460 volt or "P" for 575 volt
 **NOTE: P36-7M is only available in 208-230/460 volt for three phase applications
 Other voltages in single or three phase are available. 50HZ voltages are available. Consult factory.
 ***These models are not cETLus certified.

ACCESSORIES

- Front guards
- Wall sleeve
- Thermostats
- Backdraft dampers
- Weather hoods
- Controls

For a complete listing on all available accessories, see page D17
 For a complete listing of all available hoods, see page D11.
 For all available control options, see Controls & Thermostats tab.

Consult factory to have accessories installed.



P4 SERIES EXPLOSION PROOF MOTOR



P12-1R FAN SHOWN

P - SERIES SUPPLY FANS

Designed for Industrial & Commercial Supply applications.



P12-1RS9M1115 FAN SHOWN COMPLETE WITH SLEEVE AND MOTORIZED DAMPER.

FEATURES

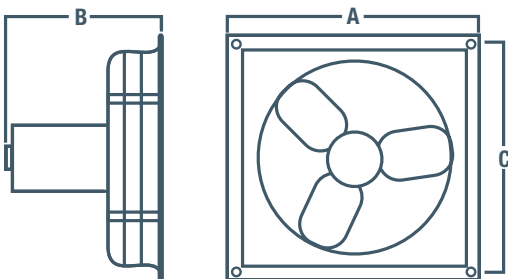
- Fully assembled.
- Sturdily constructed direct drive, horizontal fan.
- Durable powder coated finish.
- Heavy duty OSHA motor mount/guard is standard.
- Totally enclosed air over motor with overload protection.



Non-stock, made-to-order products are non-returnable and cannot be cancelled.

DIMENSIONS

MODEL	A X A SQUARE	B	C c/c
P12-1R	17 1/4"	11"	16"
P14-1R	19 1/4"	11"	18"
P16-1R	21 1/4"	11"	20"
P18-1R	23 1/4"	12"	22"
P20-1R	25 1/4"	12"	24"
P24-1R	29 1/4"	12"	28"



SPECIFICATIONS

MODEL	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	CFM @ STATIC PRESSURE			
							0.00"	0.10"	0.125"	0.25"
P SERIES SUPPLY FAN										
P12-1R	12"	1700	1/3	115/230	5.0/2.5	26	1450	1400	1370	1260
P14-1R	14"	1700	1/3	115/230	5.0/2.5	29	1950	1825	1750	1700
P16-1R	16"	1700	1/3	115/230	5.0/2.5	30	2310	2200	2150	2030
P18-1R	18"	1700	1/3	115/230	3.8/1.9	36	2835	2700	2600	2315
P20-1R	20"	1700	1/3	115/230	3.8/1.9	39	3250	3075	3000	2800
P24-1R	24"	1100	1/3	115/230	6.4/3.2	43	4040	3928	3848	3520

P SERIES SUPPLY FAN

Complete with 9" sleeve and 120 Volt motorized damper (specs are for fan motor only and not damper motor)
For exhaust models, replace "1R" in the model name with "1V".

P12-1RS9M1115	12"	1700	1/3	115/230	5.0/2.5	45	1450	1400	1370	1260
P14-1RS9M1115	14"	1700	1/3	115/230	5.0/2.5	50	1950	1825	1750	1700
P16-1RS9M1115	16"	1700	1/3	115/230	5.0/2.5	54	2310	2200	2150	2030
P18-1RS9M1115	18"	1700	1/3	115/230	3.8/1.9	60	2835	2700	2600	2315
P20-1RS9M1115	20"	1700	1/3	115/230	3.8/1.9	66	3250	3075	3000	2800
P24-1RS9M1115	24"	1100	1/3	115/230	4.4/2.2	73	4040	3928	3848	3520

ACCESSORIES

- Thermostats
- Front guard
- Weather hoods

For a complete listing on all available accessories, see **Accessories for AX & P Series Fans.**

For a complete listing of all available hoods, see **Wall Exhaust Options & Accessories.**

For all available control options, see **Controls & Thermostats tab.**

ACCESSORIES FOR AX & P SERIES FANS

FRONT GUARD FOR AX & P SERIES FANS

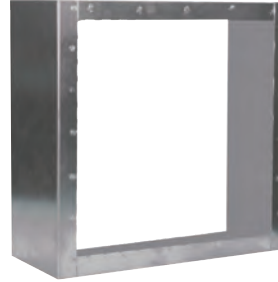
- 18 gauge galvanized 3/4" expanded metal screen, 6" deep.



FITS FAN	FRONT GUARD	WEIGHT (LBS)
8"	XFG8-10	6
10"	XFG8-10	6
12"	XFG12	6
14"	XFG14	8
16"	XFG16	9
18"	XFG18	10
20"	XFG20	10
24"	XFG24	13
30"	XFG30	TBA
36"	XFG36	TBA

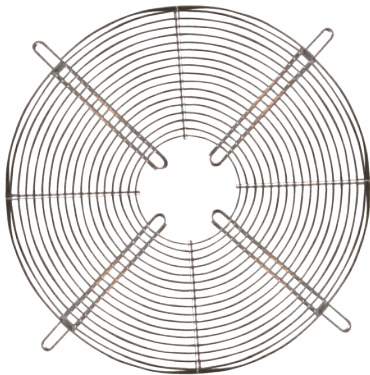
PANEL SLEEVES FOR P SERIES

- Sleeves are 9 1/2" deep.



FITS FAN	SLEEVES	WEIGHT (LBS)
8"	PSL08	14
10"	PSL10	14
12"	PSL12	14
14"	PSL14	14
16"	PSL16	14
18"	PSL18	15
20"	PSL20	19
24"	PSL24	23
30"	PSL30	26
36"	PSL36	30

REPLACEMENT GUARDS



FITS FAN	MODEL #	DESCRIPTION	WEIGHT (LBS)
8"	R-2X115	8" - 10" OSHA motor mount	3
10"	R-2X115	8" - 10" OSHA motor mount	3
12"	R-2X116	12" OSHA motor mount	3
14"	R-2X117	14" - 16" OSHA motor mount	4
16"	R-2X117	14" - 16" OSHA motor mount	4
18"	R-2X118	18" - 20" OSHA motor mount	5
20"	R-2X118	18" - 20" OSHA motor mount	5
24"	R-2X119	24" OSHA motor mount	7
30"	R-2X113	30" OSHA motor mount	8
36"	R-2X114	36" OSHA motor mount	9

MOTORIZED & GRAVITY DAMPERS FOR FRESH AIR INTAKE



MOTORIZED DAMPER

FITS FAN	MODEL #	
	MOTORIZED DAMPERS	BACK DRAFT DAMPERS
8"	SX3210X10	SR3210X10
10"	SX3210X10	SR3210X10
12"	SX3212X12	SR3212X12
14"	SX3214X14	SR3214X14
16"	SX3216X16	SR3216X16
18"	SX3218X18	SR3218X18
20"	SX3220X20	SR3220X20
24"	SX3224X24	SR3224X24
30"	SX3230X30	SR3230X30
36"	SX3236X36	SR3236X36

The Motorized dampers listed above are 110/230V.
For 24V AC, replace X with Z.



BACK DRAFT DAMPER

Now Available with EC motors!
See Green Products for more info

SD - STANDARD WALL EXHAUST FANS

Efficient, low maintenance and easy to install.



Canarm/LFI's standard fans follow a tradition of quality in design, materials and construction. All our standard fans are developed to be efficient and economically priced. Fans are available in single, two and variable speed models. All variable speed standard fans use an energy efficient variable speed, dual voltage motor and blade combination. To determine the proper Canarm/LFI fan for your applications, use the formula and table shown on back of page.

FEATURES

8" & 10" Models

- Smooth, quiet, reliable, maintenance-free operation
- Durable steel construction with grey powder coat finish
- 2 speed fan with high efficiency Euro design external rotor motor
 - Totally enclosed with sealed ball bearings
 - Pull chain speed control
 - 9 foot cord with 115 volt, 3-prong plug
- Swept back, high efficiency, low noise blade design
- Quiet, aluminum shutters with tie bar to maximize airflow and a magnet to prevent flapping and provide a superior seal
- Zinc plated OSHA guard
- Fans shipped completely assembled
- Easy to install! Mount fan using four screws, plug it in and turn it on



12" to 48" Models

- Single, two and variable speed models are available.
- All fans use a totally enclosed, thermally protected motor.
- Rugged steel welded box housing has a durable powder coated finish.
- Aluminum louver shutters are supported by long life nylon bushings (30", 36", 42" & 48" have aluminum louvers).
- 12" - 24" models have heavy wire chrome plated OSHA guards on intake side of fan.
- 30", 36", 42" & 48" models have grey powder coated guards.
- All fans are shipped completely assembled.

8" - 24" sizes: Now upgraded with tie bar shutters and magnets for quieter operation and superior seal!

SPECIFICATIONS

MODEL	SPEED	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS				
									0.00"	0.10"	0.125"	0.25"					
SD08	Two	8"	1600/1300	25W	115	0.2	13	48	360/292	270/150	230/110	--	11" X 11"				
SD10	Two	10"	1480/1150	60W	115	0.5	15	55	500/388	420/300	400/250	--	13" X 13"				
S12-E1	Single	12"	1625	1/4	115	2.7	28	63	1640	1540	1510	1390	15" X 15"				
S12-E2	Two	12"	1725/1140	1/4	115	3.4	32	64	1650/1090	1550/950	1520/930	1390/0	15" X 15"				
S12-EVD	Variable	12"	1625	1/3	115/230	5.0/2.5	32	60	1650	1540	1510	1390	15" X 15"				
S14-E1	Single	14"	1625	1/4	115	2.7	30	67	2170	2070	2030	1860	17" X 17"				
S14-E2	Two	14"	1725/1140	1/4	115	3.4	34	65	2180/1350	2080/1190	2060/1160	1890/0	17" X 17"				
S16-E1	Single	16"	1625	1/4	115	2.7	33	68	2370	2270	2210	2060	19" X 19"				
S16-E2	Two	16"	1725/1140	1/4	115	3.4	36	69	2380/1640	2280/1490	2230/1430	2070/0	19" X 19"				
S16-EVD	Variable	16"	1625	1/3	115/230	5.0/2.5	36	63	2370	2270	2210	2063	19" X 19"				
S18-F1	Single	18"	1625	1/3	115	4.1	37	73	3200	3090	3040	2920	21" X 21"				
S18-F2	Two	18"	1725/1140	1/3	115	5.5/2.9	43	74	3200/2100	3090/1890	3040/1820	2920/0	21" X 21"				
S18-FVD	Variable	18"	1625	1/3	115/230	3.8/1.9	45	74	3150	3050	2980	2860	21" X 21"				
S20-F1	Single	20"	1625	1/3	115	4.1	41	77	3420	3220	3170	2920	23" X 23"				
S20-F2	Two	20"	1725/1140	1/3	115	5.5/2.9	45	77	3440/2300	3240/2000	3180/1950	2930/0	23" X 23"				
SD24-F1	Single	24"	1100	1/3	115	3.6	46	70	5000	4500	4300	3600	27" X 27"				
SD24-GVD	Variable	24"	1075	1/3	115/230	4.4/2.2	56	72	5050	4910	4810	4400	27" X 27"				
SD30-G1D	Single	30"	1075	1/3	115/230	4.4/2.2	72	82	8000	7000	6000	5000	33" X 33"				
SD36-G1D	Single	36"	850	1/2	115/230	6.6/3.3	88	72	10000	8500	8000	6200	39" X 39"				
SD42-H1D	Single	42"	850	1	230	5	122	83	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	45" X 45"
									0.85	1.35	0.87	1.45	0.87	1.45	0.92	1.41	
									12860		11580		11090		9029		
SD48-H1D	Single	48"	850	1	230	5	140	84	BHP	FEI	BHP	FEI	BHP	FEI	BHP	FEI	51" X 51"
									0.82	1.56	0.84	1.67	0.84	1.69	0.83	1.48	
									14470		12610		12200		8400		

RPM Minimum is determined when louvres are opened one inch. Some models are available with explosion proof motors. Please see SD-XPFL.

Note: Wind has a significant effect on exhaust fans. A 10 mph wind creates a 0.05" pressure against the fan. A 20 mph wind creates 0.20" pressure and 30 mph a 0.45" pressure. These pressures are in addition to the static pressure in the building. Wind blocks or hoods should be included in all designs where fans will be subjected to winds above 10 mph.

AIR CHANGES PER MINUTE

To determine the proper Canarm/LFI fan for your applications, use the following formula.
Number of cubic feet in room / Number of minutes per air change = Required C.F.M. Capacity

EXAMPLE: A general office, (see chart) which requires an air change every ten minutes, would require the following fan capacity.
If office is 100' x 40' x 10' = 40,000 cubic ft; 40,000 cubic ft / 10 minutes per air change = 4000 Required C.F.M.

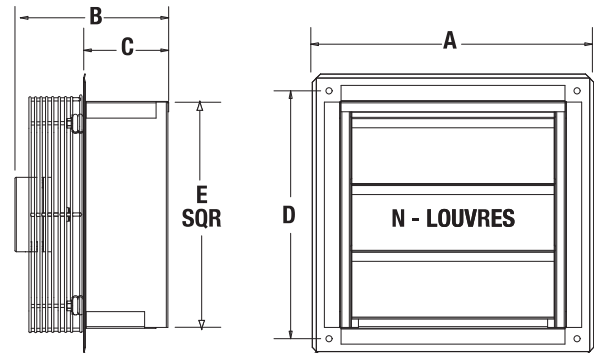
From the chart, you would select a fan that is rated at 4000 C.F.M. at 1/8" S.P. (Static Pressure)

Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change
Assembly Hall	7	Church	15	Foundry	4	Pressing Room	1
Attic	2	Classroom	6	Garage	5	Projection Booth	2
Auditorium	10	Dance Hall	5	General Office	10	Summer Cooling	1
Barber Shop	6	Department Store	6	Gymnasium	8	Toilet	3
Basement	8	Dry Cleaning	5	Laundry	2	Transformer Room	1
Battery Room	4	Engine Room	6	Locker Room	3	Warehouse	12
Boiler Room	1	Factory	6	Machine Shop	8	Welding Shop	2
Bowling Alley	5	Forge Room	3	Plating Room	3		

DIMENSIONS

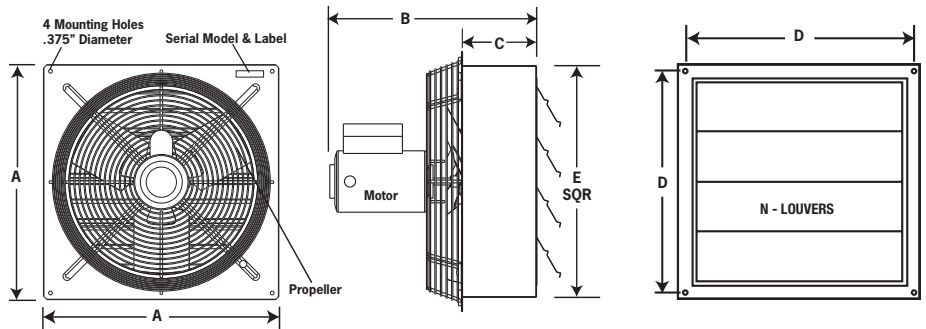
8" & 10" Models

FAN SIZE	A	B	C	D (c/c)	E SQR	N
8"	13 1/4"	7 9/16"	4"	12"	10 3/4"	2
10"	15 1/4"	7 7/8"	4"	14"	12 3/4"	3



12" to 48" Models

FAN SIZE	A X A SQUARE	B	C	D (c/c)	E	N
12"	17 1/4"	17"	6"	16"	14 3/4"	3
14"	19 1/4"	17"	6"	18"	16 3/4"	3
16"	21 1/4"	17"	6"	20"	18 3/4"	4
18"	23 1/4"	18"	6"	22"	20 3/4"	4
20"	25 1/4"	18"	6 3/4"	24"	22 3/4"	5
24"	29 1/4"	18"	6 3/4"	28"	26 3/4"	5
30"	35 1/4"	18"	6"	34"	32 3/4"	16
36"	41 1/4"	18"	6"	40"	38 3/4"	20
NEW 42"	47 1/4"	18"	6 3/4"	46"	44 3/4"	24
NEW 48"	53 1/4"	19"	6 3/4"	52"	50 5/8"	26



ACCESSORIES

- Grey plastic weather hood
- Galvanized metal hood
- MC type & wet locations controls.

For a complete listing on all available accessories, see page D17.
 For a complete listing of all available hoods, see page D11.
 For all available control options, see Controls & Thermostats tab.

NEW



May not be as shown



FRONT VIEW

GREEN SERIES SD-EC

Standard Wall Exhaust Fans

Canarm/LFI's standard fans follow a tradition of quality in design, materials and construction. All our standard fans are developed to be efficient and economically priced. Fans are now available with EC motors allowing you to **save up to 70% on energy costs.**

To determine the proper Canarm/LFI fan for your applications, use the following formula.

$$\text{Number of cubic feet in room} / \text{Number of minutes per air change} = \text{Required C.F.M. Capacity}$$

EXAMPLE: A general office, (see chart) which requires an air change every ten minutes, would require the following fan capacity.

If office is 100' x 40' x 10' = 40,000 cubic ft

$$40,000 \text{ cubic ft} / 10 \text{ minutes per air change} = 4000 \text{ Required C.F.M.}$$

From the chart, you would select a fan that is rated at 4000 C.F.M. at 1/8" S.P. (Static Pressure)

FEATURES

- Available in 8" to 20" sizes
- CFM's range from 200 to 3,400 CFM
- High efficiency totally enclosed EC motor
- Rugged steel welded box housing with durable powder coat finish
- Osha guard on intake side of fan
- Shipped completely assembled.

Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change
Assembly Hall	7	Church	15	Foundry	4	Pressing Room	1
Attic	2	Classroom	6	Garage	5	Projection Booth	2
Auditorium	10	Dance Hall	5	General Office	10	Summer Cooling	1
Barber Shop	6	Department Store	6	Gymnasium	8	Toilet	3
Basement	8	Dry Cleaning	5	Laundry	2	Transformer Room	1
Battery Room	4	Engine Room	6	Locker Room	3	Warehouse	12
Boiler Room	1	Factory	6	Machine Shop	8	Welding Shop	2
Bowling Alley	5	Forge Room	3	Plating Room	3		

PERFORMANCE SPECIFICATIONS

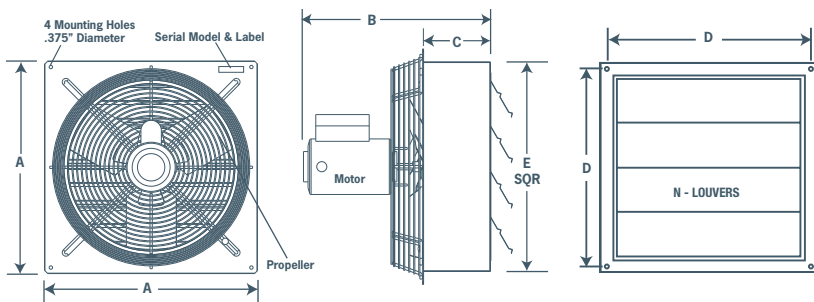
MODEL	SPEED	BLADE DIAMETER	RPM	HP	VOLTAGE	AMPS (FLA)	WEIGHT (LBS)	dB(A) @5 ft	CFM @ STATIC PRESSURE				FRAMING DIMENSIONS
									0.00"	0.10"	0.125"	0.25"	
SD8-ECV	Variable	8"	1800	1/4	115/208-280	2.8/1.7-1.3	12	48	360	270	230	0	11" X 11"
SD10-ECV	Variable	10"	1800	1/4	115/208-280	2.8/1.7-1.3	13	56	690	590	570	0	13" X 13"
SD12-EC	Variable	12"	1800	1/4	115/208-280	2.8/1.7-1.3	32	60	1650	1540	1510	1390	15" X 15"
SD14-EC	Variable	14"	1800	1/4	115/208-280	2.8/1.7-1.3	34	65	2180	2080	2060	1890	17" X 17"
SD16-EC	Variable	16"	1800	1/4	115/208-280	2.8/1.7-1.3	36	63	2370	2270	2210	2063	19" X 19"
SD18-EC	Variable	18"	1800	1/2	115/208-280	3.5/2.2-1.7	37	73	3200	3090	3040	2920	21" X 21"
SD20-EC	Variable	20"	1800	1/2	115/208-280	5.3/3.3-2.6	45	77	3440	3240	3180	2930	23" X 23"
SD24-EC	Variable	24"	1200	1/2	115/208-280	5.7/3.5-2.8	56	70	5050	4910	4810	4400	27" X 27"
SD30-EC	Variable	30"	1000	3/4	115/208-280	9.5/5.2-4.2	72	82	8000	7000	6000	5000	33" X 33"
SD36-EC	Variable	36"	1000	3/4	115/208-280	9.5/5.2-4.2	88	84	10000	8500	8000	6200	39" X 39"

Subject to change without notice

PLEASE NOTE: The above is subject to change without notice as these are still in development.

DIMENSIONS

FAN SIZE	A X A SQUARE	B	C	D (c/c)	E	N
8"	13 1/4"	13 1/2"	4"	12"	10 3/4"	2
10"	15 1/4"	13 1/2"	4"	14"	12 3/4"	2
12"	17 1/4"	16 1/2"	6"	16"	14 3/4"	3
14"	19 1/4"	16 1/2"	6"	18"	16 3/4"	3
16"	21 1/4"	16 1/2"	6"	20"	18 3/4"	4
18"	23 1/4"	16 1/2"	6"	22"	20 3/4"	4
20"	25 1/4"	17"	6 3/4"	24"	22 3/4"	5
24"	29 1/4"	18"	6 3/4"	28"	26 3/4"	5
30"	35 1/4"	19"	6"	34"	32 3/4"	16
36"	41 1/4"	19"	6"	40"	38 3/4"	20



ACCESSORIES

- Grey plastic weather hood
- Galvanized metal hood
- 0V to 10V Control

For a complete listing on all available accessories, see **Accessories for AX & P Series Fans.**

For a complete listing of all available hoods, see **Wall Exhaust Options & Accessories.**

For all available control options, see **Controls & Thermostats** tab.



FRONT VIEW



EXPLOSION PROOF STANDARD WALL EXHAUST FANS

Efficient, low maintenance and easy to install.

Canarm LFI's explosion proof fans follow a tradition of quality in design, materials and construction. Using our quality "Standard Fan" housing and motor mount as the basis for design, we have developed an efficient, economically priced Explosion Proof Fan. All Explosion Proof Fans have a single speed, dual voltage explosion proof motor that meets and conforms to all the standards that are listed below.

CLASS I, GROUP C Atmospheres containing ethyl ether, ethylene, gases or vapors of equivalent hazard.

CLASS I, GROUP D Atmospheres such as acetone, ammonia, benzene, butane, cyclopropane, ethanol, gasoline, hexane, methane, natural gas, naphtha, propane, or gasses or vapors of equivalent hazard.

CLASS II GROUP F Atmospheres containing carbonaceous dust, including carbon black, charcoal, coal, or coke dusts that have more than 8% total entrapped volatiles, or dusts that have been sensitized by other materials so that they present an explosion hazard.

CLASS II GROUP G Atmospheres containing combustible dusts not included in group E or F, including flour, grain, wood, plastic and chemicals.

FEATURES

- Totally enclosed, ball bearing motor with thermal overload protection.
- The fan blades are well-balanced, heavy gauge aluminum.
- The rugged steel welded box housing has a durable powder coated finish.
- Aluminum louver shutters are supported by long life nylon bushings.
- Heavy wire chrome plated OSHA guards on intake side of fan.
- All fans are shipped completely assembled.

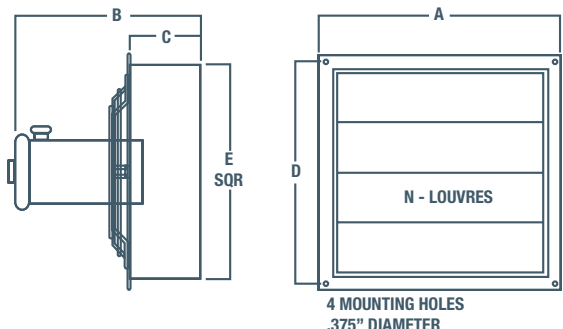
DIMENSIONS

FAN SIZE	A X A SQUARE	B	C	D c/c	E	N
8"	13 1/4"	17 1/2"	4"	12"	10 3/4"	2
10"	15 1/4"	17 1/2"	4"	14"	12 3/4"	2
12"	17 1/4"	20 1/2"	6"	16"	14 3/4"	3
18"	23 1/4"	20 1/2"	6"	22"	20 3/4"	4
24"	29 1/4"	20 1/2"	6"	28"	26 3/4"	5

SPECIFICATIONS

MODEL	FAN SIZE	HP	VOLTS	AMPS	SPEED	RPM	AIRFLOW CAPACITY - CFM				FRAMING DIMENSIONS	WEIGHT (LBS)
							0" SP	.05" SP	.10" SP	.25" SP		
SD08-XPF	8"	1/3	115/230	6.6/3.3	Single	1725	320	280	240	-	11" X 11"	38
SD10-XPF	10"	1/3	115/230	6.6/3.3	Single	1725	620	575	530	-	13" X 13"	39
SD12-XPF	12"	1/3	115/230	6.6/3.3	Single	1725	1640	1600	1540	1390	15" x 15"	42
SD18-XPF	18"	1/3	115/230	6.6/3.3	Single	1725	3200	3150	3090	2920	21" x 21"	60
SD24-XPF	24"	1/3	115/230	6.6/3.3	Single	1725	5500	5400	5310	5100	27" x 27"	72

NOTE: RPM Min (Minimum) is determined when louvers are opened one inch.
 Note: Wind has a significant effect on exhaust fans. A 10 mph wind creates a 0.05" pressure against the fan. A 20 mph wind creates 0.20" pressure and 30 mph a 0.45" pressure. These pressures are in addition to the static pressure in the building. Wind blocks or hoods should be included in all designs where fans will be subjected to winds above 10 mph.



BACK VIEW

ACCESSORIES

- Hoods

For a complete listing of all available hoods, see Wall Exhaust Options & Accessories..

XFS SERIES EXHAUST SHUTTER FANS

For use in garages, sheds, workshops and more!



FRONT VIEW



Canarm's **XFS series** wall exhaust fans are ideal for commercial applications.

They feature smooth, quiet, reliable, maintenance free operation.

Available in 12" to 36" sizes - fans are single, 2 or 3 speeds with OFF and come complete with a 9' cord and grounded plug.

The fans have a durable steel construction with powder coat black finish and quiet, aluminum shutters with tie bar to maximize airflow.

Installation is easy - simply mount the fan with 4 screws, plug it in and turn it on!

FEATURES

- Smooth, quiet, reliable, maintenance free operation.
- Available in 12" to 36" sizes.
- 12" and 16" models are 3 speed
- 20" to 30" models are 2 speed.
- 36" model is single speed.
- Durable steel construction with powder coat black finish.
- Swept back, high efficiency, low noise blade design.
- Shutters have a small magnet to prevent flapping and provide a superior seal.
- Quiet, aluminum shutters with tie bar to maximize airflow.
- Strong powder coated OSHA guarding inside.
- ETL certified
- Euro design outside rotor motor for higher efficiency.
 - Totally enclosed with sealed ball bearings
 - Pull chain speed control
 - 9 foot cord with 115 volt, 3-prong plug
- Fans shipped totally assembled.

* Please call for availability in 2022 on the 36" models.

SPECIFICATIONS

MODEL	FAN SIZE	MOTOR HP	SPEED	VOLTS	NET WEIGHT	FAN RPM	CFM at 1/8" SP	HIGH SPEED SOUND LEVEL dB(A)	MAX AMPS	MAX AMBIENT TEMP
XFS12	12"	1/12	3	115	19 lbs	1600/1420/1150	1100/900/800	58	0.8 / 0.8 / 0.7	90°C/194°F
XFS16	16"	1/8	3	115	27 lbs	1630/1450/1330	2300/2000/1800	58	2.0 / 1.8 / 1.6	74°C/158°F
XFS20	20"	1/4	2	115	40 lbs	1140/1050	3300/2900	68	2.3 / 2.0	70°C/158°F
XFS24	24"	1/2	2	115	56 lbs	1140/1070	4700/3800	72	5.0 / 4.3	70°C/158°F
*XFS30	30"	1/2	2	115	72 lbs	1080/980	6400/5000	71/68	4.9/4.3	70°C/158°F
*XFS36	36"	1	1	115	88 lbs	970	10500	76	7.2	70°C/158°F



Tie bar aluminum shutters

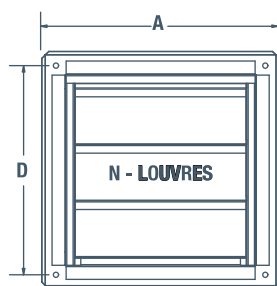
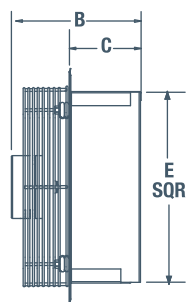


Pull chain switch

DIMENSIONS

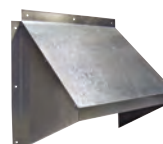
Note: Dimensions subject to change

MODEL	A X A SQUARE	B	C	D (c/c)	E SQR	N (# OF LOUVRES)	FRAMING	CARTON DIMENSIONS		
								Length	Height	Width
XFS12	16 7/8"	8 3/8"	5"	14 7/8"	13 1/2"	3	14" x 14"	20"	20"	12"
XFS16	20 7/8"	9 1/2"	5"	18 7/8"	17 1/2"	4	18" x 18"	25"	25"	13"
XFS20	24 7/8"	9 1/2"	5"	22 7/8"	21 1/2"	5	22" x 22"	28"	28"	13"
XFS24	28 7/8"	11 1/8"	5"	26 7/8"	25 1/2"	6	26" x 26"	32"	32"	15"
*XFS30	34 7/8"	12 1/2"	5"	32 7/8"	31 1/2"	7	34" x 34"	38"	38"	15.75"
*XFS36	40 7/8"	14 1/2"	5"	38 7/8"	37 1/2"	8	40" x 40"	44"	44"	17"



ACCESSORIES

Optional galvanized weather hood.



OPTIONAL WEATHER HOOD	
FAN SIZES	HOOD #
12"	GH-XF12
16"	GH-XF16
20"	GH-XF20
24"	GH-XF24

XFS SERIES EXHAUST SHUTTER FANS



To determine the proper XFS Fan for your applications, use the following formula.

$$\text{Number of cubic feet in room} / \text{Number of minutes per air change} = \text{Required CFM Capacity}$$

EXAMPLE: A general office, (see chart) which requires an air change every ten minutes, would require the following fan capacity.

If office is 100' x 40' x 10' = 40,000 cubic ft; 40,000 cubic ft / 10 minutes per air change = 4000 Required CFM

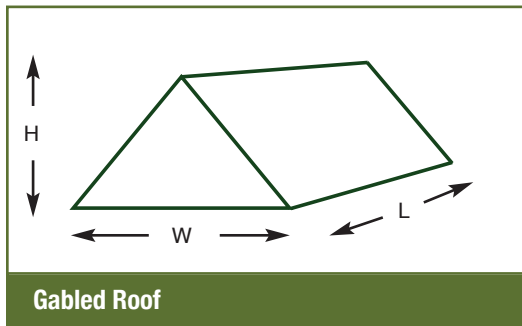
From the chart, you would select a fan that is rated at 4000 CFM at 1/8" S.P. (Static Pressure)

Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change	Application	Minutes per Air Change
Assembly Hall	7	Church	15	Foundry	4	Pressing Room	1
Attic	2	Classroom	6	Garage	5	Projection Booth	2
Auditorium	10	Dance Hall	5	General Office	10	Summer Cooling	1
Barber Shop	6	Department Store	6	Gymnasium	8	Toilet	3
Basement	8	Dry Cleaning	5	Laundry	2	Transformer Room	1
Battery Room	4	Engine Room	6	Locker Room	3	Warehouse	12
Boiler Room	1	Factory	6	Machine Shop	8	Welding Shop	2
Bowling Alley	5	Forge Room	3	Plating Room	3		

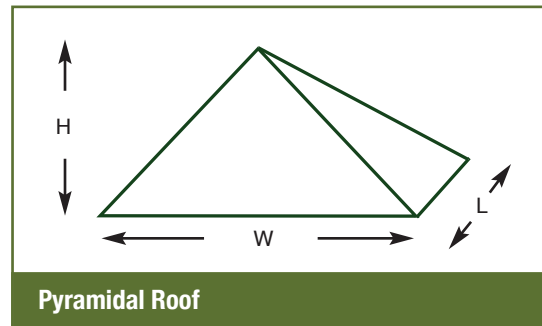
ATTIC VENTILATION

CAUTION!

Attic temperatures can get very high and exceed the high temperature protection device, shutting down the fan if there is not enough air change to keep the attic at a temperature below 120 °F.



$$\text{Volume} = L \times W \times 1/2 H$$



$$\text{Volume} = L \times W \times 1/3 H$$

Recommended air changes in an attic are about 2-3 minutes per air charge (MIN/AC) to keep the temperatures down. (2 minutes in southern climates and 3 minutes in northern climates.)

Using 2 minutes, required exhaust CFM = $\frac{\text{Total Volume}}{2 \text{ MIN/AC}}$

This provides your required CFM of the exhaust fan, BUT there must be enough venting to supply fresh air to the attic space. A good rule of thumb is 1.5 ft² for every 1000 CFM of airflow.

Example:

Southern Climate $\frac{6000 \text{ ft}^3}{2} = 3000 \text{ CFM}$
Use XFS20

Southern climate inlet opening = $3000 \times \frac{1.5}{1000} = 4.5 \text{ ft}^2$

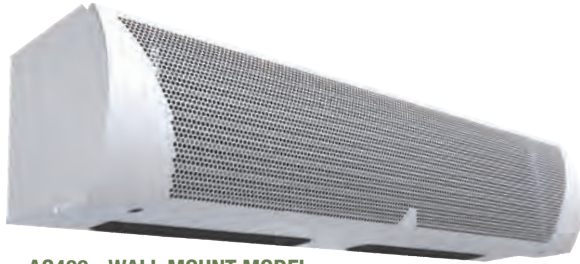
Northern Climate $\frac{6000 \text{ ft}^3}{3} = 2000 \text{ CFM}$
Use XFS16

Northern climate inlet opening = $2000 \times \frac{1.5}{1000} = 3 \text{ ft}^2$

AIR CURTAINS

Heated and Unheated Air Barriers

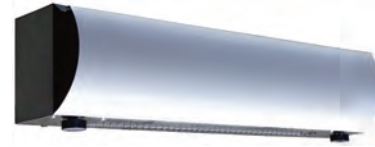
For many applications from small Drive-thru Windows to Storefront Entrances and Warehouse Bay Doors



AC400 - WALL MOUNT MODEL



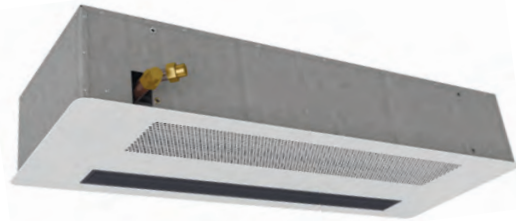
AC1001 - FLOOR MOUNT MODEL



AC100 - DRIVE-THRU MODEL



CONTROL PANEL



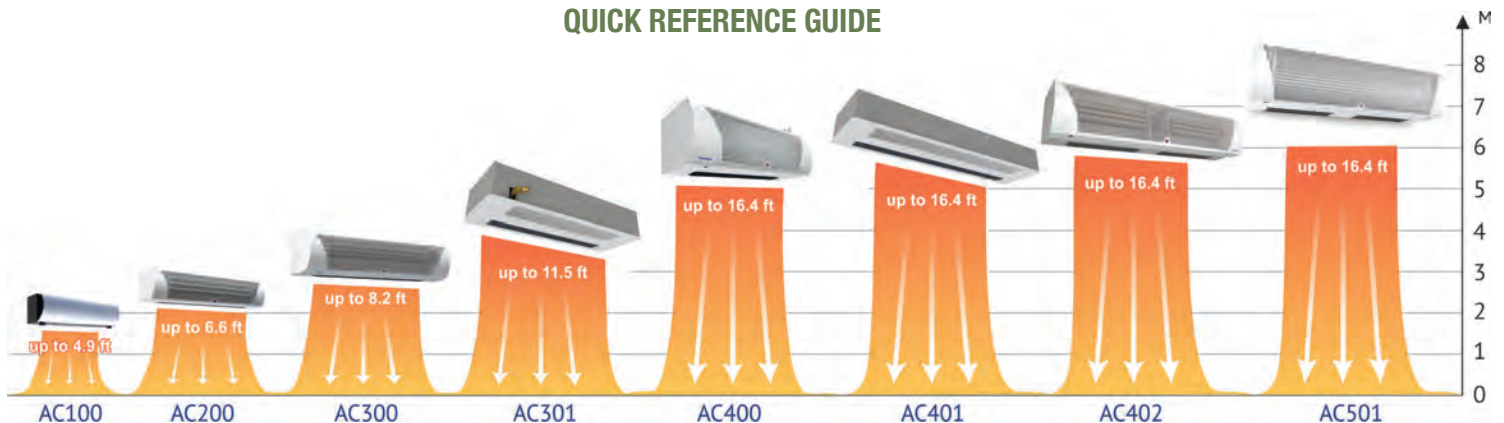
AC301 - RECESSED MODEL



FEATURES

- Creates a barrier by blocking the entry of outside air into a building, or escaping air from the interior of the premises
- Heated (electric or water) and unheated models available
- Available in 31", 39", 59" and 79" long (can be used in tandem to cover any opening width)
- Covers opening heights up to 19ft
- All (non-decorative) units can be installed horizontally or vertically
- Surface mount, recessed and floor mount models available
- Minimizes the use of existing HVAC equipment to make up for heat losses or gains
- Will increase the efficiency of existing vestibules, or may replace the need for building one
- Improves employee efficiency by not having to stop to open and close doors
- Maintains comfortable ambient temperatures around entrances and doorways for both customer and employees
- Allows for open doors, to increase customer traffic in retail environments
- Dry off floors in entrance ways for safety
- Includes control panel with 3 speed control, thermostat and 2 heat settings (excluding AC100 - has built in controls)
- Steel casing coated with high quality durable polymer coatings
- Fans – cross flow impellers and axial fans
- Motors – external rotor for superior cooling and heat dissipation, less vibration, motor and bearings sealed, higher efficiency and longer operating life
- Thermal protection – motors built-in, heating elements thermal relay protected
- Electric heating elements - straight stainless steel elements with stainless steel fins
- Water heated units – copper tubing with aluminum fins for efficient heat transfer. Rated for up to 70lbs psi. Equipped with drains to reduce risk of freezing.
- Air curtain circuits are breaker protected
- Decorative models available in polished or matte stainless steel.

QUICK REFERENCE GUIDE



PERFORMANCE SPECIFICATIONS

ELECTRIC HEATED MODELS													
MODEL	HEAT OUTPUT (kW)	AIR VOLUME (cfm)	MAX DOOR HEIGHT (ft)	TEMP. RISE (°F)	MOTOR INPUT		MAX UNIT CURRENT 208V (A)	MAX MOTOR CURRENT (A)	MAX HEATING ELEMENT CURRENT (A)		SOUND LEVEL (dB)*	WEIGHT (LBS)	DIMENSIONS (L x W x H) inches
					hp	W			480V	600V			
AC100-31E5	4.5	295	7.2	82.4	0.07	48	22.9	-	-	-	45	23	30.9 x 7.5 x 8.9
AC200-39E5	5.4	883	8.2	50.9	0.14	100	16.1	0.5	6.9	5.6	52	33.1	41 x 9 x 9
AC300-39E8	8	1030	11.5	57.2	0.29	210	24.4	1	10.1	8.1	54	42	42 x 12.8 x 10.4
AC300-59E13	13.4	1590	11.5	59	0.57	420	41.1	2	16.4	13.1	54	65	61.4 x 12.8 x 10.4
AC300-79E16	16.1	2091	11.5	57.2	0.57	420	48.9	2	20.2	16.2	57	79.5	79.3 x 12.3 x 10.7
AC301-39E8	8	1030	11.5	57.2	0.31	230	24.4	1	10.1	8.1	54	66.2	41.6 x 20.6 x 9.3
AC301-59E13	13	1590	11.5	57.2	0.62	460	41	2	16.4	13.1	55	94.9	65.8 x 20.6 x 9.3
AC301-79E16	16	2089	11.5	56.3	0.62	460	49	2	20.2	16.2	57	113.7	83.1 x 20.6 x 9.3
AC400-39E8	8	1590	16.4	46.5	0.54	400	25.5	2.1	10.1	8.1	60	56.2	43.7 x 13.8 x 13.4
AC400-59E16	16	2356	16.4	53.6	1.22	900	51.2	4.3	20.2	16.2	65	89.4	62 x 13.8 x 13.4
AC400-79E16	16.1	3534	16.4	48.2	1.22	900	50.7	3.8	20.2	16.2	66	101.5	82.3 x 13.8 x 13.4
AC401-39E16	16	1589	16.4	63.5	0.6	450	48.9	2	20.2	16.2	63	90.4	49.1 x 25 x 11.8
AC401-59E21	21	2354	16.4	59.9	1.21	900	35.4 + 31.4	4	27.8	22.3	65	132.2	61.7 x 25 x 11.8
AC401-79E32	21	3531	16.4	50.9	1.21	900	35.4 + 31.4	4	27.8	22.3	66	157.6	87.5 x 25 x 11.8
AC402-39E16	16	1942	18	58.1	0.6	450	49	2	20.2	16.2	64	63.9	44.4 x 14.7 x 16.7
AC402-59E21	21	3355	18	51.8	1.2	900	66.5	4	27.8	22.3	66	103.6	71.2 x 14.7 x 16.7
AC402-79E32	32	3826	18	51.8	1.2	900	98	4	40.4	32.2	67	114.6	83.2 x 14.7 x 16.7
AC501-59E32	32	4473	19.7	54.5	2.14	1600	102	8	40.4	32.2	69	162	63.8 x 19.7 x 18.9
AC501-79E32	32	6474	19.7	47.3	2.14	1600	102	8	40.4	32.2	69	181	83.4 x 18.9 x 19.7
AC1000-39E16	16.1	1707	11.5	60.8	0.61	450	49.1	2.2	20.2	16.2	60	99	43.5 x 35 x 15.6
AC1000-79E21	21.5	3415	11.5	51.8	1.22	900	66.8	4.3	27.8	22.3	63	161	82.9 x 35 x 15.6
AC1001-79E16	16.1	2000	7	57.2	0.46	340	48.5	1.6	20.2	16.2	54	161.2	18.1(w) x 79.2(h)
WATER HEATED MODELS (208V 1PH 60Hz)													
AC300-39W12	11.5	972	11.5	75.2	0.29	210	-	1.1	-	-	52	42	42 x 12.8 x 10.4
AC300-59W20	19.8	1472	11.5	78.8	0.57	420	-	2.2	-	-	53	66.2	61.4 x 12.8 x 10.4
AC300-79W28	27.4	1943	11.5	80.6	0.57	420	-	2.2	-	-	56	79.5	79.3 x 12.3 x 10.7
AC301-39W13	11.5	971	11.5	75.2	0.278	200	-	1	-	-	53	76.2	46.1 x 21.9 x 9.3
AC301-59W20	20	1472	11.5	78.8	0.54	400	-	2	-	-	54	98.1	65.8 x 21.9 x 8.9
AC301-79W28	27.4	1942	11.5	80.6	0.536	400	-	2	-	-	55	111.3	83.1 x 21.9 x 9.3
AC400-39W20	20	1531	16.4	98.6	0.61	450	-	2.2	-	-	64	68.5	43.7 x 13.8 x 13.4
AC400-59W32	32	2002	16.4	78.8	0.87	640	-	3	-	-	64	91.6	62 x 13.8 x 13.4
AC400-79W47	47.4	3062	16.4	80.6	1.22	690	-	3.8	-	-	65	117	82.3 x 13.8 x 13.4
AC401-39W20	20	1530	16.4	98.6	0.6	450	-	2.2	-	-	63	92.6	49.1 x 25.6 x 11.8
AC401-59W32	32	2001	16.4	78.8	1.2	900	-	4	-	-	65	130	67.1 x 25.6 x 11.8
AC401-79W47	47.4	3060	16.4	80.6	1.2	900	-	4.2	-	-	66	160.9	87.5 x 25.6 x 11.8
AC402-39W22	23	1942	18	68.9	0.6	450	-	2.2	-	-	64	65	44.4 x 14.7 x 16.7
AC402-59W42	42.3	3060	18	75	1.2	900	-	4.2	-	-	66	101	71.2 x 14.7 x 16.7
AC402-79W51	54.9	3826	18	76.8	1.2	900	-	4.2	-	-	67	118	83.2 x 14.7 x 16.7
AC501-59W69	72	3885	19.7	90	2.14	1600	-	8	-	-	68	172	63.8 x 19.4 x 19.7
AC501-79W100	106	5709	19.7	90.7	2.14	1600	-	8	-	-	68	203	83.4 x 19.5 x 19.7
AC1000-39W20	20.5	1590	11.5	71.6	0.61	450	-	4	-	-	57	99	43.5 x 35 x 15.6
AC1000-79W50	50.4	3230	11.5	87.8	1.22	900	-	8	-	-	60	161	82.9 x 35 x 15.6
AC1001-79W24	24	1770	7	86	0.49	360	-	1.7	-	-	54	143.5	18.1(w) x 79.2(h)
AMBIENT HEATED MODELS (208V 1PH 60Hz)													
AC300-39A	-	1030	11.5	-	0.29	210	-	1.1	-	-	52	26.5	42 x 12.8 x 10.4
AC300-59A	-	1590	11.5	-	0.57	420	-	2.2	-	-	53	55	61.4 x 12.8 x 10.4
AC300-79A	-	2091	11.5	-	0.57	420	-	2.2	-	-	56	66.2	79.3 x 12.3 x 10.7
AC301-39A	-	1030	11.5	-	0.29	220	-	1.1	-	-	54	59.5	46.1 x 20.6 x 9.3
AC301-59A	-	1589	11.5	-	0.59	440	-	2	-	-	55	86	65.8 x 20.6 x 9.3
AC301-79A	-	2089	11.5	-	0.59	440	-	2.1	-	-	57	100	83.1 x 20.6 x 9.3
AC400-39A	-	1531	16.4	-	0.61	450	-	2.2	-	-	64	61.8	43.7 x 13.8 x 13.4
AC400-59A	-	2002	16.4	-	0.87	640	-	3	-	-	64	78.3	62 x 13.8 x 13.4
AC400-79A	-	3062	16.4	-	1.22	690	-	3.5	-	-	65	101.5	82.3 x 13.8 x 13.4
AC401-39A	-	1530	16.4	-	0.29	210	-	2.2	-	-	63	82.7	49.1 x 25 x 11.8
AC401-59A	-	2001	16.4	-	0.57	420	-	4	-	-	65	120.2	67.1 x 25 x 11.8
AC401-79A	-	3061	16.4	-	0.57	420	-	4.2	-	-	66	144.4	87.5 x 25 x 11.8
AC402-39A	-	1942	18	-	0.6	450	-	2.2	-	-	64	55.1	44.4 x 14.7 x 16.7
AC402-59A	-	3532	18	-	1.2	900	-	4.2	-	-	66	87.1	71.2 x 14.7 x 16.7
AC402-79A	-	3826	18	-	1.2	900	-	4.2	-	-	67	100.3	83.2 x 14.7 x 16.7
AC501-59A	-	4591	19.7	-	2.14	1600	-	8	-	-	69	149	63.8 x 18.9 x 19.7
AC501-79A	-	6592	19.7	-	2.14	1600	-	8	-	-	69	172	83.4 x 18.9 x 19.7

* Sound Level is at 16.4ft distance

WATER HEATED THERMAL CHARACTERISTICS (at 59°F ambient room temp. and maximum airflow)									
MODEL	WATER TEMP. AT INLET/OUTLET (°F)	203/158	176/140	140/104	MODEL	WATER TEMP. AT INLET/OUTLET (°F)	203/158	176/140	140/104
AC300-39W12	HEAT OUTPUT (kW)	11.5	9.2	3.1	AC401-59W32	HEAT OUTPUT (kW)	32	25.8	13.2
	AIR TEMP. RISE (°F)	75.2	66.2	42.8		AIR TEMP. RISE (°F)	78.8	69.8	51.8
	WATER FLOW (GPH)	123.64	114.13	38.04		WATER FLOW (GPH)	332.89	332.89	171.2
AC300-59W20	HEAT OUTPUT (kW)	19.8	16	8	AC401-79W47	HEAT OUTPUT (kW)	47.4	38.3	21.4
	AIR TEMP. RISE (°F)	78.8	71.6	68		AIR TEMP. RISE (°F)	80.6	71.6	53.6
	WATER FLOW (GPH)	188.74	199.74	104.62		WATER FLOW (GPH)	494.58	494.58	275.83
AC300-79W28	HEAT OUTPUT (kW)	27.4	22.1	12.2	AC402-39W22	HEAT OUTPUT (kW)	23	18.3	5.2
	AIR TEMP. RISE (°F)	80.6	73.4	55.4		AIR TEMP. RISE (°F)	68.9	61.3	40.3
	WATER FLOW (GPH)	285.34	285.34	152.18		WATER FLOW (GPH)	238	238	67
AC301-39W13	HEAT OUTPUT (kW)	11.5	9.2	3.1	AC402-59W42	HEAT OUTPUT (kW)	42.3	34.1	18.4
	AIR TEMP. RISE (°F)	75.2	66.2	42.8		AIR TEMP. RISE (°F)	75	67	51
	WATER FLOW (GPH)	123.65	114.13	38.04		WATER FLOW (GPH)	437.5	437.5	237.78
AC301-59W20	HEAT OUTPUT (kW)	19.8	16	8	AC402-79W51	HEAT OUTPUT (kW)	54.9	44.3	24.8
	AIR TEMP. RISE (°F)	78.8	71.6	68		AIR TEMP. RISE (°F)	76.8	68.2	52.1
	WATER FLOW (GPH)	188.74	199.74	104.62		WATER FLOW (GPH)	570.7	570.7	313.9
AC301-79W28	HEAT OUTPUT (kW)	27.4	22.1	12.2	AC501-59W69	HEAT OUTPUT (kW)	72.2	59	31.3
	AIR TEMP. RISE (°F)	81.3	73.4	55.4		AIR TEMP. RISE (°F)	89.9	78.6	57.2
	WATER FLOW (GPH)	285.34	285.34	152.18		WATER FLOW (GPH)	751.4	751.4	399.5
AC400-39W20	HEAT OUTPUT (kW)	19.4	15.4	4.9	AC501-79W100	HEAT OUTPUT (kW)	107.6	86.8	49.5
	AIR TEMP. RISE (°F)	98.6	91.4	69.8		AIR TEMP. RISE (°F)	90.7	79.5	59
	WATER FLOW (GPH)	200	200	57		WATER FLOW (GPH)	1112.8	1122.3	637.3
AC400-59W32	HEAT OUTPUT (kW)	32	25.8	13.2	AC1000-39W20	HEAT OUTPUT (kW)	20.5	16.3	5
	AIR TEMP. RISE (°F)	78.8	69.8	51.8		AIR TEMP. RISE (°F)	71.6	64.4	41
	WATER FLOW (GPH)	332.89	332.89	171.2		WATER FLOW (GPH)	209.2	209.2	62.8
AC400-79W47	HEAT OUTPUT (kW)	47.4	38.3	21.4	AC1000-79W50	HEAT OUTPUT (kW)	50.4	40.6	22.4
	AIR TEMP. RISE (°F)	80.6	71.6	53.6		AIR TEMP. RISE (°F)	87.8	77	57.2
	WATER FLOW (GPH)	494.58	494.58	275.83		WATER FLOW (GPH)	504.1	513.61	285.34
AC401-39W20	HEAT OUTPUT (kW)	19.4	15.4	4.9	AC1001-79W24	HEAT OUTPUT (kW)	24	19.4	11
	AIR TEMP. RISE (°F)	98.6	91.4	63.8		AIR TEMP. RISE (°F)	54	43.2	25.2
	WATER FLOW (GPH)	200	200	57		WATER FLOW (GPH)	237.78	247.29	133.16



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