

700 SERIES

Filtered Fresh Air Supply Units. For use in restaurants, schools, high rise apartments and many other commercial and industrial applications.

FEATURES

- Grey, weather resistant baked powder coat finish.
- Heavy duty ball bearings suitable for -65° to +250° F.
- Latched top cover provides convenient service access to 4 filters, motor and drive.
- Flexible forward curved belt drive blowers operate at low speed and noise levels.
- Blower is rubber mounted for quiet operation.
- Four permanent, washable, aluminum filters have large surface area for efficient filtration
- Outside air flows over the motor to increase motor life.
- Top insulated with 1/2" fiberglass flexible duct liner.
- Adaptable to heating or cooling coils for applications requiring tempered air.
- · Motor mounting hardware supplied with all units.

SOUND AIR

705

Canarm certifies that the 700 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 164 D and sound performance only. The 700 Series shown herein are not approved by AMCA for FEI ratings.



AVAILABLE WITH MOTORS & DRIVES FACTORY INSTALLED. CONSULT OUR DELAIR FAN SELECTION SOFTWARE FOR DETAILS.

FOR HORIZONTAL APPLICATIONS

9200 SERIES WITH INTAKE HOOD

Use 9200 Series Duct Blower with matching "H" Series Intake Hood. Refer to 9200 series page.

PERFORMANCE SPECIFICATIONS

TYPICAL MAXIMUM CFM @ SP																					
1/2" SP				1" SP				1 1/2" SP				2" SP				2 1/2" SP			Min	Max	
CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	HP	HP
2600	1.37	0.76	1.30	2500	1.43	0.91	1.36	2300	1.43	1.01	1.36	2100	1.50	1.04	1.42	1800	1.45	1.07	1.37	1/6	1 1/2
3100	1.46	0.81	1.38	2800	1.41	0.96	1.34	2500	1.42	1.04	1.35	2300	1.50	1.09	1.42	1900	1.48	1.07	1.40	1/6	1 1/2
4400	1.96	0.83	1.81	4000	1.97	0.95	1.82	3600	2.00	1.04	1.85	3100	1.94	1.09	1.80	2600	1.99	1.05	1.84	1/6	2
5700	2.78	0.72	2.51	5400	2.96	0.84	2.66	4700	3.00	0.88	2.70	4000	2.98	0.90	2.68	3400	3.00	0.90	2.70	1/6	3
8500	4.90	0.63	4.29	8000	4.98	0.76	4.36	7400	4.98	0.86	4.36	6700	4.91	0.93	4.30	5900	4.99	0.93	4.37	1/4	5
	2600 3100 4400 5700	CFM BHP 2600 1.37 3100 1.46 4400 1.96 5700 2.78	CFM BHP FEI 2600 1.37 0.76 3100 1.46 0.81 4400 1.96 0.83 5700 2.78 0.72	CFM BHP FEI FEPact (kW) 2600 1.37 0.76 1.30 3100 1.46 0.81 1.38 4400 1.96 0.83 1.81 5700 2.78 0.72 2.51	CFM BHP FEI FEPact (kW) CFM 2600 1.37 0.76 1.30 2500 3100 1.46 0.81 1.38 2800 4400 1.96 0.83 1.81 4000 5700 2.78 0.72 2.51 5400	CFM BHP FEI FEPact (kW) CFM BHP 2600 1.37 0.76 1.30 2500 1.43 3100 1.46 0.81 1.38 2800 1.41 4400 1.96 0.83 1.81 4000 1.97 5700 2.78 0.72 2.51 5400 2.96	CFM BHP FEI FEPact (kW) CFM BHP FEI 2600 1.37 0.76 1.30 2500 1.43 0.91 3100 1.46 0.81 1.38 2800 1.41 0.96 4400 1.96 0.83 1.81 4000 1.97 0.95 5700 2.78 0.72 2.51 5400 2.96 0.84	1/2" SP 1" SP CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) 2600 1.37 0.76 1.30 2500 1.43 0.91 1.36 3100 1.46 0.81 1.38 2800 1.41 0.96 1.34 4400 1.96 0.83 1.81 4000 1.97 0.95 1.82 5700 2.78 0.72 2.51 5400 2.96 0.84 2.66	1/2" SP 1" SP CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM 2600 1.37 0.76 1.30 2500 1.43 0.91 1.36 2300 3100 1.46 0.81 1.38 2800 1.41 0.96 1.34 2500 4400 1.96 0.83 1.81 4000 1.97 0.95 1.82 3600 5700 2.78 0.72 2.51 5400 2.96 0.84 2.66 4700	I/2" SP I" SP 11/2" CFM BHP FEI FEPact (kW) CFM BHP 2600 1.37 0.76 1.30 2500 1.43 0.91 1.36 2300 1.43 3100 1.46 0.81 1.38 2800 1.41 0.96 1.34 2500 1.42 4400 1.96 0.83 1.81 4000 1.97 0.95 1.82 3600 2.00 5700 2.78 0.72 2.51 5400 2.96 0.84 2.66 4700 3.00	I/2" SP I" SP 1/2" SP CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM BHP FEI FEI CFM BHP FEI 2600 1.37 0.76 1.30 2500 1.43 0.91 1.36 2300 1.43 1.01 3100 1.46 0.81 1.38 2800 1.41 0.96 1.34 2500 1.42 1.04 4400 1.96 0.83 1.81 4000 1.97 0.95 1.82 3600 2.00 1.04 5700 2.78 0.72 2.51 5400 2.96 0.84 2.66 4700 3.00 0.88	I/2" SP I'' SP 1/2" SP CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) FEPact FEPact (kW) FEI	I/2" SP <t< td=""><td>I/2" SP I'' SP</td><td>I/2" SP I" SP I I/2" SP I I/2" SP CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM BHP FEI FEI CFM BHP FEI FEI CFM BHP FEI FEI CFM BHP FEI CFM BHP FEI FEI CFM BHP CFM CFM B</td><td>I/2" SP I" SP I 1/2" SP I I/2" SP I I/</td><td>I/2" SP I" SP I " SP I 1/2" SP E 1/2" SP E 1/2" SP SP</td><td>I/2" SP I/2" SP <t< td=""><td>I/2" SP I/2" SP <t< td=""><td>I/2" SP I" SP FEI FEPact (kW) CFM BHP FEI FEPact (kW)</td><td>I/2" SP I/2" SP <t< td=""></t<></td></t<></td></t<></td></t<>	I/2" SP I'' SP	I/2" SP I" SP I I/2" SP I I/2" SP CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM BHP FEI FEPact (kW) CFM BHP FEI FEI CFM BHP FEI FEI CFM BHP FEI FEI CFM BHP FEI CFM BHP FEI FEI CFM BHP CFM CFM B	I/2" SP I" SP I 1/2" SP I I/2" SP I I/	I/2" SP I" SP I " SP I 1/2" SP E 1/2" SP E 1/2" SP	I/2" SP <t< td=""><td>I/2" SP I/2" SP <t< td=""><td>I/2" SP I" SP FEI FEPact (kW) CFM BHP FEI FEPact (kW)</td><td>I/2" SP I/2" SP <t< td=""></t<></td></t<></td></t<>	I/2" SP <t< td=""><td>I/2" SP I" SP FEI FEPact (kW) CFM BHP FEI FEPact (kW)</td><td>I/2" SP I/2" SP <t< td=""></t<></td></t<>	I/2" SP I" SP FEI FEPact (kW) CFM BHP FEI FEPact (kW)	I/2" SP <t< td=""></t<>

Power rating (BHP) does not include transmission losses. Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effect of appurtenances (accessories).

FOR FAN CURVES & FULL PERFORMANCE DATA, CONSULT OUR DELAIR SOFTWARE. WWW.CANARM.COM/DELAIR



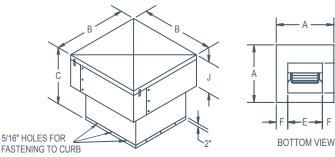
canarm.com/fei-700

DIMENSIONS

MODEL	•	В	с	D	E	F	G	н		FILTE	RS	*INSIDE	WEIGHT (lbs)	
MODEL	A								J	SIZE	QUANTITY	CABINET	without motor	
709	24 3/8"	32 3/8"	24 3/8"	10 1/4"	11 13/16"	6 9/32"	7 1/16"	7 1/16"	10 1/4"	10"x 20"	4	24"x 24"	84	
710	28 3/8"	38 1/2"	28 1/4"	11 3/8"	13 1/8"	7 5/8"	8 1/2"	8 1/2"	12 1/4"	12"x 24"	4	28"x 28"	108	
712	32 3/8"	42 5/8"	31 3/8"	13 7/16"	15 5/8"	8 3/8"	9 15/32"	9 15/32"	16 1/2"	16"x 25"	4	32"x 32"	150	
715	32 3/8"	42 5/8"	31 3/8"	15 7/8"	18 5/8"	6 7/8"	6 1/4"	10 1/4"	16 1/2"	16"x 25"	4	32"x 32"	155	
718	36 3/8"	48 5/16"	37 1/4"	18 7/8"	21 7/8"	7 1/4"	6"	11 1/2"	20 3/4"	20"x 28 1/2"	4	36"x 36"	245	

Н

* Curb size to be smaller than inside cabinet to allow for flashing and roofing.



MOTOR AND DRIVE COMPARTMENT WITH COVER **REMOVED TO ILLUSTRATE 3 SIDE** MOTOR ACCESS AND SLOPED MOTOR BASE FOR BELT **TENSIONING.**

ACCESSORIES

Roof curbs

