

200, 9200 & 9200-VIB SERIES

Single & Twin Forward Curved Inline Duct Blowers



200 SERIES
Indoor Applications,
Insulated or Non-Insulated



9200 SERIES
Heavy duty, Insulated Indoor
or Outdoor Applications



9200-VIB SERIES
With Internal
Spring Vibration
Isolation



Call for pricing & availability.

TWIN UNIT AVAILABLE

- As part of an HVAC system Delhi Duct Blowers will not “surge”, “hunt”, or “stall”.
- Optional variable pitch motor pulley permits field adjustment (typically + or - 15%) to match air delivery needs.
- For the quietest operational needs we offer optional internal spring isolation of the blower/motor from the housing thus greatly reducing radiated cabinet noise (9200-VIB only).
- Our twins (two duct blowers on a common shaft) is a wide but not tall solution for situations where vertical space is limited.
- Quiet forward curved blowers operate at ½ the rpm of other inline solutions.
- An outdoor series, 9200, is available.



Canarm certifies that the 200 & 9200 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 200 & 9200 Series shown herein are not approved by AMCA for FEI ratings.

INDUSTRIES SERVED

- Commercial HVAC
- Ventilation
- Construction
- Heating
- Cooling

FEATURES

- Wheel Diameters:** 7” through 20”
- CFM:** Approximately 500 to 12,500 CFM in a single blower (Twins available).
- Static Pressure:** Usage to about 3” static pressure is common, although allowable range is higher.
- Constructed from cold rolled steel, with grey baked on powder coat. The outdoor unit uses protective galvaneal steel under the powder coat.
- Forward Curved blowers operate at low RPM for low noise levels.
- Heavy duty ball bearings suitable for -65° F to +250° F.
- Keywayed shafts both ends for clockwise or counter clockwise rotation.
- Saddle type motor mounting platform provides extended belt tension adjustment range on all models.
- 9200 series may be mounted vertically or horizontally. VIB option is horizontal mount only. Cannot be vertically mounted.



Twin Units use a common shaft for balanced air supply by each blower.

TYPICAL APPLICATIONS FOR OUR INLINE BLOWERS

- An Inline make-up air solution for cases where a rooftop curb mounted solution is not available.
- 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.
- When the application requires an air mover in a duct system located in a ceiling space.
- Redistribution or recirculation of air in a work space.
- Interlocked with entry doors to prevent entry of cold outdoor air into retail sales space and thus greets customers with warmth.
- Bathroom/ rest room exhaust - one duct blower serving multiple intakes.

PERFORMANCE SPECS

MODEL	TYPICAL MAXIMUM CFM @ SP																				Min HP	Max HP
	1/2" SP				1" SP				1 1/2" SP				2" SP				2 1/2" SP					
	CFM	BHP	FEI	FEFact (kW)	CFM	BHP	FEI	FEFact (kW)	CFM	BHP	FEI	FEFact (kW)	CFM	BHP	FEI	FEFact (kW)	CFM	BHP	FEI	FEFact (kW)		
207	1400	0.68	0.80	0.69	1300	0.69	0.96	0.70	1100	0.66	1.05	0.67	1000	0.72	1.08	0.73	800	0.73	1.04	0.74	1/6	3/4
209	2000	0.75	0.91	0.76	1800	0.75	1.09	0.76	1500	0.71	1.21	0.72	1100	0.71	1.12	0.72	800	0.71	1.04	0.72	1/6	3/4
9209	2500	1.36	0.65	1.30	2400	1.41	0.81	1.34	2300	1.5	0.91	1.42	2100	1.48	1.01	1.40	1900	1.49	1.07	1.41	1/6	1 1/2
210	3000	1.46	0.77	1.38	2800	1.41	0.96	1.34	2600	1.49	1.04	1.41	2300	1.5	1.09	1.42	1900	1.47	1.08	1.39	1/6	1 1/2
9210	3000	1.46	0.71	1.38	2800	1.41	0.90	1.34	2600	1.49	1.00	1.41	2300	1.48	1.07	1.40	1900	1.46	1.07	1.38	1/6	1 1/2
212	3700	1.44	0.86	1.37	3300	1.47	0.99	1.39	2900	1.5	1.07	1.03	2400	1.47	1.10	1.39	1600	1.43	0.93	1.36	1/6	1 1/2
9212	4900	2.91	0.63	2.62	4600	3	0.74	2.70	4200	2.92	0.84	2.63	3900	2.99	0.91	2.69	3500	2.92	0.98	2.63	1/6	3
215	6100	2.9	0.77	2.61	5800	2.95	0.93	2.65	5000	2.98	0.96	2.68	4100	2.93	0.94	2.64	3700	2.93	1.00	2.64	1/3	3
9215	7700	4.95	0.62	4.33	7200	4.88	0.74	4.27	6800	5	0.83	4.37	6300	4.96	0.91	4.34	5800	4.97	0.96	4.35	1/3	5
218	9700	4.93	0.74	4.32	9000	4.97	0.86	4.35	8200	4.95	0.96	4.33	7400	4.97	1.01	4.35	6200	4.94	0.98	4.32	1/2	5
9218	9500	4.95	0.71	4.33	8800	4.91	0.85	4.30	8000	4.94	0.93	4.32	7200	4.98	0.98	4.36	6100	4.92	0.97	4.31	1/2	5
9220	16000	14.78	0.45	12.50	15400	14.88	0.54	12.50	14800	14.96	0.62	12.60	14100	14.9	0.69	12.60	13300	14.8	0.75	12.50	3/4	15

Power rating (BHP) does not include transmission losses. Performance certified is for installation type B: Free inlet, Ducted outlet.

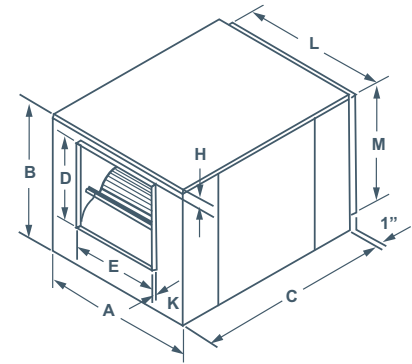
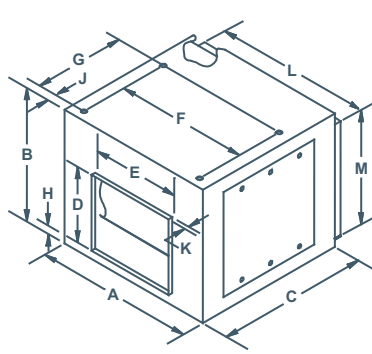
Performance ratings do not include the effect of appurtenances (accessories).

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



View FEI charts
canarm.com/fei-200

IDB, IDB-X, 200, 9200 & 9200-VIB SERIES



DIMENSIONS

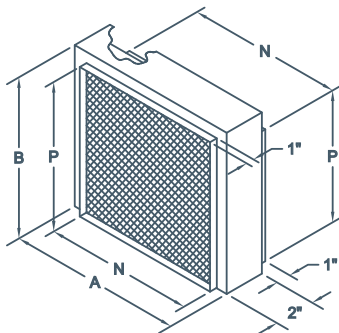
MODEL	A	B	C	OUTLET		F	G	H	J	K	INLET		SHAFT DIAMETER	WEIGHT (lbs) without motor
				D	E						L	M		
IDB07 / IDB-X / 207	18"	15 3/8"	23"	8 1/4"	9 3/16"	14 1/2"	9 5/8"	1 1/4"	1 1/4"	7/8"	15 7/8"	13 3/8"	3/4"	43
IDB09 / IDB-X / 209	21"	18"	23"	10 1/4"	11 13/16"	17 1/2"	11 3/4"	1 1/4"	1 3/4"	7/8"	19"	16"	3/4"	55
IDB10 / IDB-X / 210	22 1/4"	20"	24 3/4"	11 3/8"	13 1/8"	18 3/4"	13 3/8"	1 1/4"	1 3/4"	7/8"	20 1/4"	18"	3/4"	65
IDB12 / IDB-X / 212	27"	23"	27 1/2"	13 7/16"	15 5/8"	23 1/2"	16 1/8"	1 1/4"	1 3/4"	7/8"	25"	21"	3/4"	82
IDB15 / IDB-X / 215	33 1/2"	28"	32"	15 7/8"	18 5/8"	28"	19 1/2"	2 5/8"	1 3/4"	7/8"	30 1/2"	25"	1"	140
218	41 1/2"	34"	44"	19 5/8"	22 5/8"	35"	24"	2 3/4"	1 3/4"	1 1/8"	35 3/8"	31 5/8"	1"	158
9209	21"	18"	23"	11 1/4"	12 3/4"	N/A	N/A	1"	N/A	1 1/8"	19"	16"	3/4"	61
9210	22 1/4"	20"	24 3/4"	12 3/8"	14 1/8"	N/A	N/A	1"	N/A	1 1/8"	20 1/4"	18"	3/4"	70
9212	30 1/8"	24 3/4"	34"	14 1/2"	16 5/8"	N/A	N/A	2 1/8"	N/A	1 1/8"	25 1/8"	21 1/8"	1"	143
9215	33 3/4"	28 5/8"	38 1/8"	17"	19 5/8"	N/A	N/A	2 1/8"	N/A	1 1/8"	30 5/8"	25 1/4"	1"	176
9218	41 1/2"	34"	44"	19 5/8"	22 5/8"	N/A	N/A	2 3/4"	N/A	1 1/8"	35 3/8"	31 5/8"	1"	323
9220	44 3/4"	41 1/8"	57 1/2"	25 3/4"	25 3/4"	N/A	N/A	3"	N/A	1 1/8"	38 3/8"	35 1/8"	1 7/16"	515

ACCESSORIES

- Filter sections
- Hot Water Coils
- Intake Hoods
- Chilled Water Coils
- External Vibration Isolators

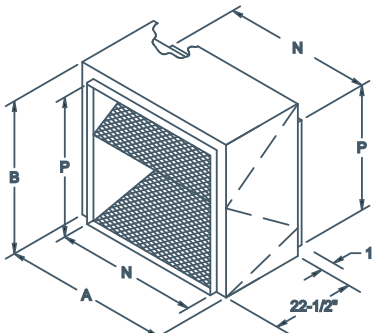
FILTER SECTIONS & INTAKE HOODS

Series F200A, F9200A & H9200



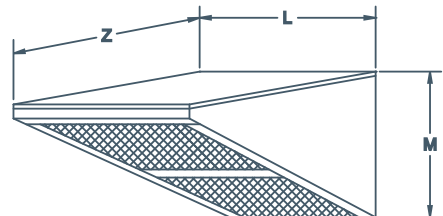
F200A FILTER SECTION

For IDB, IDB-X, 200 & 9200 Series Duct Blowers



F9200A FILTER SECTION

For Model 9200 Duct Blowers



H9200 INTAKE HOOD

For 9200 Series Duct Blowers

MODEL	A	B	N	P	FILTER		UNIT WEIGHT (LBS)	MODEL	L	M	Z	FILTER		UNIT WEIGHT (LBS)
					SIZE	QUANTITY						SIZE	QUANTITY	
F207A	17 3/4"	15 3/8"	16"	13 1/2"	14 1/8" X 16 5/8"	1	11	H9209	19 1/4"	16 9/16"	21 1/4"	16" X 24"	1	14
F209A	21"	18"	19 1/8"	16 1/8"	16 3/4" X 19 7/8"	1	12	H9210	20 1/2"	18 9/16"	25 3/4"	15" X 20"	2	16
F210A	22 1/4"	20"	20 3/8"	18 1/8"	18 3/4" X 21 1/8"	1	14	H9212	25 3/8"	21 9/16"	30 3/4"	20" X 25"	2	27
F212A	27"	23"	25 1/8"	21 1/8"	21 3/4" X 25 7/8"	1	16	H9215	31 3/16"	25 13/16"	33 1/2"	16" X 25"	2	38
F215A	32 1/2"	26 3/4"	30 5/8"	25 1/8"	25 3/4" X 31"	1	21	H9218	35 5/8"	32 11/16"	40 1/4"	20" X 28 1/2"	2	50
F218A	37"	33 1/4"	35 1/4"	31 1/2"	32 1/4" X 35 7/8"	1	46	H9220	38 5/8"	35 9/16"	22"	20" X 25" (2)	3	50
F9220A	39 3/4"	37 1/4"	38 1/2"	35 1/4"	20" X 25"	6	64	FILTERS NOT INCLUDED USE F9220A						40