

MODEL HADP – CAST ALUMINUM PRESSURE BLOWER – DIRECT DRIVE



APPLICATION

Designed for use in situations requiring moderate CFM movement against relatively high static pressure systems. Excellent for fume exhaust, mounted on dust collectors, non-abrasive material conveying, vehicle exhaust removal in garages and fire departments, air source for air knives, and combustion air for gas burners.

FEATURES AND BENEFITS

- Cast aluminum housing and wheels are naturally non-sparking and meet AMCA Type B spark resistant construction.
- Round outlets and inlets facilitate connection to standard pipe and duct diameters with slip fit connections or flange to flange.
- Six housing sizes and multiple wheel diameters provide a wide range of available performance ratings.
- Suitable for use in airstreams to a maximum of 150°F.
- Most sizes available in clockwise or counter-clockwise rotation with eight different discharge positions.
- Standard motor is industrial duty TEFC enclosure. Explosion proof motors are available for hazardous locations.

DIMENSIONS (subject to change without notice)

MODEL	MOTOR FRAME	C	D	F	G	H	J	M	N	O	P	R	S	T	U	AA	CC	DD
HADP-8	56	1 1/4"	3 3/4"	6"	4 1/4"	5 1/2"	3 1/8"	4 1/8"	1 3/8"	4 1/2"	5 1/4"	6 1/4"	4 3/4"	1"	3 1/2"	4"	14"	4"
HADP-9	56-143T-145T	1 1/4"	3 3/4"	6"	4 1/4"	5 1/2"	3 1/8"	5 5/8"	1 3/8"	5 7/8"	7"	7 3/4"	6 3/8"	1"	3 1/2"	5"	14"	4"
HADP-10	56	1 1/4"	4 1/4"	7"	4 1/2"	5 1/2"	3 7/16"	6 9/16"	1"	6 7/8"	9 7/16"	9"	7 13/16"	1"	3 1/2"	6"	14 1/2"	5"
	143T-145T																	
HADP-12	56-143T-145T	1 5/16"	4 1/4"	8"	4 1/2"	5 1/2"	3 3/8"	7 3/8"	1 1/8"	7 5/8"	9 1/16"	10 3/16"	7 9/16"	1"	3 1/2"	7"	14 1/2"	6"
	182T-184T			7"	4 7/8"	8 3/4"									4 7/8"		18 1/4"	
HADP-14	143T-145T	1 5/8"	5 1/4"	9 1/2"	5 1/4"	5 1/2"	4 1/8"	8"	1"	8 5/8"	9 7/8"	11 1/4"	9 1/2"	1"	3 1/2"	8"	15"	6"
	182T-184T			8 1/2"	5 7/8"	8 3/4"									4 7/8"		18 1/2"	
HADP-15	182T-184T	1 7/16"	6"	9"	6"	8 3/4"	4 3/8"	8"	1 3/4"	9 3/8"	10 7/8"	11 15/16"	9 15/16"	1"	4 7/8"	10"	20 3/8"	8"
	213T-215T																	
	182T-184T																	
	213T-215T																	

OPTIONAL ACCESSORIES

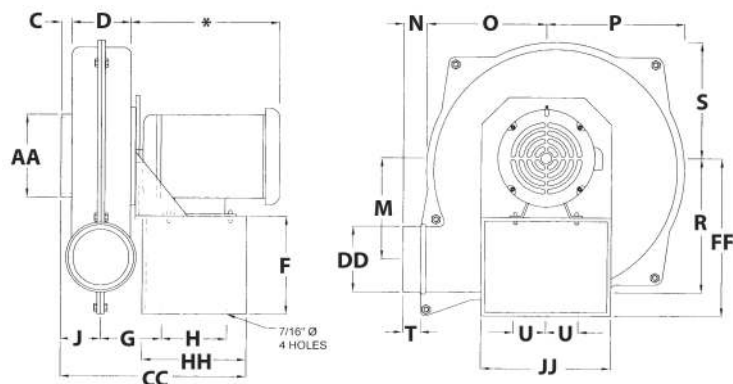
- Cast aluminum inlet or outlet flanges
- Slide gate dampers for inlet or outlet
- Teflon shaft seal
- Motor weather cover for outdoor service
- Epoxy coating for corrosive environments
- Inlet filters
- Inlet and outlet guards

MODEL HADP – CAST ALUMINUM PRESSURE BLOWER – DIRECT DRIVE PERFORMANCE DATA

				CAPACITY C.F.M.												
MODEL	WHEEL DIA.	INLET	OUTLET	1" SP CFM & BHP		3" SP CFM & BHP		5" SP CFM & BHP		7" SP CFM & BHP		9" SP CFM & BHP		11" SP CFM & BHP		ROTATION
HADP8-1/3	8 x 2 3/4	4"	4"	345	.37	242	.31									CW ONLY
HADP9-1/2	8 x 2 3/4	5"	4"	380	.39	275	.30									CCW ONLY
HADP9-3/4	9 x 2 7/8	5"	4"	480	.62	380	.57	210	.42							CCW ONLY
HADP9-1	10 1/2 x 2 7/8	5"	4"	575	.80	495	.72	400	.54	270	.41					CCW ONLY
HADP10-3/4	9 x 2 7/8	6"	5"	571	.73	400	.60	91	.37							CW or CCW
HADP10-1 1/2	11 x 2 3/4	6"	5"	840	1.50	700	1.35	590	1.26	460	1.05					CW or CCW
HADP12-1	11 x 3 BC	7"	6"	865	1.07	710	.99	535	.87	160	.55					CW ONLY
HADP12-1 1/2	10 1/2 x 2 7/8	7"	6"	1055	1.62	890	1.42	670	1.20	360	.77					CW or CCW
HADP12-2	11 x 2 3/4	7"	6"	1150	1.91	975	1.72	750	1.40	475	1.05					CW or CCW
HADP12-3A	11 1/2 x 2 3/4	7"	6"	1245	2.48	1086	2.20	890	2.00	630	1.53					CW or CCW
HADP12-3B	12 3/4 x 2 7/8	7"	6"	1390	3.25	1237	3.10	1046	2.81	882	2.50	700	1.91			CW or CCW
HADP12-5	14 x 3	7"	6"	1600	4.21	1550	4.00	1400	3.78	1285	3.63	1125	3.40	945	2.81	CW or CCW
HADP14-3	12 1/4 x 3	8"	6"	1575	3.40	1405	3.11	1250	2.71	1000	2.21	685	1.90			CW or CCW
HADP14-5	14 x 3	8"	6"	1875	4.98	1710	4.60	1550	4.15	1400	3.80	1203	3.50	1045	2.98	CW or CCW
HADP15-5	14 x 3	8"	8"	2300	5.30	2100	4.95	1900	4.50	1678	4.10	1410	3.60	1170	3.21	CW or CCW
HADP15-7 1/2	15 1/2 x 5 BC	8"	8"	2360	6.50	2210	6.00	1950	5.32	1800	4.65	1595	4.10	1300	3.70	CW or CCW
HADP15-10A	15 1/2 x 5	8"	8"	2700	9.40	2510	8.90	2365	7.95	2211	7.00	1950	6.20	1711	5.90	CW or CCW
HADP15-10B	16 1/2 x 5	8"	8"	3000	11.00	2875	10.70	2700	10.40	2550	10.20	2400	9.90	2215	9.40	CW or CCW
HADP15	14 x 3	10"	8"	2565	6.20	2347	5.80	2175	5.30	1841	4.60	1586	4.00	1181	3.20	CW or CCW
HADP15	15 1/2 x 5 BC	10"	8"	2610	7.10	2420	6.50	2210	6.00	1975	5.50	1712	4.95	1425	4.10	CW or CCW
HADP15	15 1/2 x 5	10"	8"	3211	11.20	3108	10.90	2875	10.40	2743	9.70	2501	8.60	2184	7.00	CW or CCW
HADP15	16 1/2 x 5	10"	8"	3410	14.00	3230	13.00	3029	12.20	2850	11.60	2669	10.80	2561	10.20	CW or CCW

NOTE: All models run at 3450 RPM.

FF	HH	JJ
9 1/2"	7 7/8"	9 1/2"
9 1/2"	7 7/8"	9 1/2"
10 1/2"	7 7/8"	7"
		9"
11 1/2"	7 7/8"	9 1/2"
	11 3/8"	12 1/2"
13"	7 7/8"	9 1/2"
	11 3/8"	12 1/2"
13 1/2"		
14 1/4"	11 3/8"	12 1/2"
13 1/2"		
14 1/4"		



*Dimensions vary with motor.

