CONTINUED

Standard Forward-Curved Direct-Drive Blowers with Drive

Dayton

Wheel Dia. (in)	Max. Static Pressure (in wc)	CFM Airflow @ Static Pressure Shown 0.000"	0.250"	0.500"	0.750"	1.000"	1.250"	1.500"	2.000"	Name-plate Voltage	Phase	Motor HP	Overall Dimensions (in) H	W	D	Outlet Dim (in) H	W	Inlet Dia. (in)	Item No.
Single-Inlet with Rectangular Flanged Outlet (Assembled) (Cont.)																			
5 ¼	½	134	116	79	—	—	—	—	—	115V AC	1	1/70	8	5 1¹/₁₆	7 7/16	3 ⅛	3	4 ½	2C647
	1 ½	176	187	148	—	—	—	—	—	12V DC	1	1/35	8	6 3/16	7 7/16	3 ⅛	3	4 ½	2C646
5 ⅛	⅝	273	224	135	—	—	—	—	—	115V AC	1	1/20	9 ⅞	7 1¹/₁₆	8 ⅞	3 ⅝	4 ⅛	4 ⅝	1TDR3
	¾	312	262	142	—	—	—	—	—	115V AC	1	1/40	7 ⅞	11	8	3 ⅛	3 ¼	4 ⅝	1TDR5
	⅝	227	192.5	110	—	—	—	—	—	115V AC	1	1/30	9 7/16	8 ⅝	8 ⅝	3 7/16	3 ¾	5 ¼	1TDV3
	⅝	271	219	135	—	—	—	—	—	230V AC	1	1/20	9 ⅞	7 ½	8 ⅞	3 7/16	4	4 ½	1TDR4
	½	227	134	110	—	—	—	—	—	230V AC	1	1/30	9 7/16	8 ⅝	8 ⅞	3 7/16	3 ¾	5 ¼	3FRG3
	¾	275	234	135	—	—	—	—	—	12V DC	1	1/20	9 ⅞	8 ½	8 ⅞	3 ⅝	4 ⅛	4 ⅝	3HMH7
6 ¼	1 ¼	549	507	450	—	—	—	—	—	115V AC	1	1/10	11 ⅛	9 3/16	10 7/16	4 ¼	5 ¼	5 ¼	1TDT2
	1 ⅜	559	527	450	—	—	—	—	—	230V AC	1	1/10	11 ⅛	9 3/16	10 7/16	4 ¼	5 ¼	5 ¼	1TDT3
	1 ¼	542	385	450	—	—	—	—	—	115V AC	1	1/10	11 ⅛	8 15/16	10 7/16	4 ¼	5 ¼	5 ¼	1TDT7
6 ⅛	1 ⅛	485	425	375	—	—	—	—	—	115V AC	1	1/12	11 ⅛	7 ⅝	10 7/16	4 ¼	3 ¾	5 ¼	1TDR7
	¾	310	273	230	—	—	—	—	—	115V AC	1	1/15	11 ⅛	8 1¹/₁₆	10 ⅜	4 ¼	3 ¾	6 ½	1TDV4
	1	358	321	280	—	—	—	—	—	230V AC	1	1/10	11 ⅛	7 ⅝	10 7/16	4 ¼	3 ¾	5 ¼	1TDR8
Dual-Inlet with Rectangular Non-Flanged Outlet (Unassembled)																			
10 ¾	1 ¼	—	—	—	—	2,200	1,555	—	—	115V AC	1	¾	—	—	—	11 ⅜	13 1/16	8 1¹/₁₆	7HL64
	1 ½	—	—	—	—	990	—	705	—	115V AC	1	⅓	—	—	—	11 ⅜	10 ½	8 1¹/₁₆	7HL59
	1 ½	—	—	—	—	1,375	1,150	700	—	115V AC	1	½	—	—	—	11 ⅜	10 ½	8 1¹/₁₆	7HL60
	1 ½	—	—	—	—	1,695	1,570	1,460	—	115V AC	1	¾	—	—	—	11 ⅜	10 ½	8 1¹/₁₆	7HL61
	1 ¼	—	—	—	—	1,415	905	—	—	115V AC	1	½	—	—	—	11 ⅜	13 1/16	8 1¹/₁₆	7HL63
10 ⅝	1 ¼	—	—	—	—	2,200	1,555	—	—	208-230V AC	1	¾	—	—	—	11 ½	13	8 1¹/₁₆	7HL65
9 ½	1 ⅛	—	—	—	—	945	—	—	—	115V AC	1	⅓	—	—	—	10 ¼	9 3/16	7 13/16	7HL53
	1	—	—	—	—	1,290	—	—	—	115V AC	1	½	—	—	—	10 ¼	11 ⅞	7 13/16	7HL57
	⅝	—	—	1,300	—	—	—	—	—	115V AC	1	¼	—	—	—	10 ¼	11 ⅞	7 13/16	7HL55
	1	—	—	—	—	560	—	—	—	115V AC	1	⅓	—	—	—	10 ¼	9 3/16	7 13/16	7HL52
	1	—	—	—	—	920	—	—	—	115V AC	1	⅓	—	—	—	10 ¼	11 ⅞	7 13/16	7HL56
	1 ⅛	—	—	—	—	1,155	—	—	—	115V AC	1	½	—	—	—	10 ¼	9 3/16	7 13/16	7HL54
Dual-Inlet with Rectangular Non-Flanged Outlet (Assembled)																			
11	1 ¼	—	—	—	—	—	—	—	—	115V AC	1	½	17 5/16	11 ½	16 9/16	11 ⅜	10 ½	8 ⅝	1XJY1
	1 ¼	—	—	—	—	—	—	—	—	115V AC	1	¾	17 5/16	14 1/16	16 9/16	11 ⅜	13 1/16	8 ⅝	1XJY2
13	1 ¾	—	—	—	—	—	—	—	—	208/230V AC	1	1	20 5/16	13 5/16	19 ¼	13 ⅜	12 3/16	10 7/16	1XJY4
	1 ¾	—	—	—	—	—	—	—	—	115V AC	1	1	20 5/16	13 5/16	19 ¼	13 ⅜	12 3/16	10 ⅜	1XJY3
9 ⅜	¾	—	—	1,001	—	—	—	—	—	115V AC	1	1/6	12 ¾	9 ¾	12 9/16	7 13/16	9 ⅛	7 13/16	1XJX7
	⅞	—	—	—	—	—	—	—	—	115V AC	1	⅓	15 ¼	12 5/16	15	10 ¼	11 13/16	7 13/16	1XJX9
	⅞	—	—	1,319	—	—	—	—	—	115V AC	1	¼	15 ¼	12 5/16	15	10 ¼	11 13/16	7 13/16	1XJX8
Dual-Inlet with Rectangular Flanged Outlet (Assembled)																			
5 ⅛	⅝	463	373	161	—	—	—	—	—	115V AC	1	1/15	9 ⅜	9 3/16	8 ½	3 ½	7 ¾	4 ½	1TDR9
	⅝	428	353	150	—	—	—	—	—	115V AC	1	1/15	9 ⅞	8 15/16	8 15/16	3 ½	7 ¾	4 ½	1TDT6
	⅝	458	362	140	—	—	—	—	—	230V AC	1	1/15	9 ⅞	9 ⅛	8 ⅞	3 7/16	7 ¾	4 ½	1TDT1
	1 ⅛	552	442	358	—	60	—	—	—	12V DC	1	1/15	9 ⅞	9 3/16	8 ¾	3 ½	7 ¾	4 ½	3HMJ1
6 ¼	1 ⅜	797	728	640	—	—	—	—	—	115V AC	1	⅕	11 ⅛	9 ¼	10 7/16	4 ¼	8	5 ¼	1TDT8
10 ⅝	1 ¼	1,510	1,400	1,290	1,200	1,100	1,000	—	—	115/230V AC	1	¾	21	16	17	11 ¾	8	10	7C453

Description	Item No.
Blower Housing Supports	
Prepunched Metal Housing Supports for 1TDT4, 1TDT5, 1TDT9, 1TDU1, 1TDU2, 1XJX8, 1XJX9	5TCJ3
Housing support for use with 1XJX7	5TCJ2

5TCJ2

Standard Forward-Curved Direct-Drive Blowers without Drive

Dayton

- Steel wheel and steel housing
- Unassembled

Suitable for moving high volumes of clean air in heater, air curtain, and other high-airflow applications. They are direct drive and have a blower wheel that is mounted directly onto the motor shaft which reduces friction and improves efficiency compared to a belt-drive fan. Models have fewer moving parts and typically require less maintenance than belt-drive fans. Blowers have no drive package so that users can select a compatible motor, pulleys, bushings, and other components required to operate the fan. **Single-Inlet** blowers are easier to maintain and generally have fewer components than dual-inlet blowers. **Dual-Inlet** models can provide more CFM than single-inlet blowers of the same wheel size and are generally more efficient at moving air. The second inlet also reduces the chance of blockages from debris if blowers are installed outdoors.

Blower without Drive

Wheel Dia. (in)	For Air Flow (cfm)*	Max. Static Pressure (in wc)	For Motor HP*	For Fan Speed (RPM)*	Overall Dim. (in) H	W	D	Outlet Dim. (in) H	W	Inlet Dia. (in)	Item No.
Single-Inlet with Rectangular Non-Flanged Outlet											
6 ¼	595	¾	¼	—	15	14	11	7 3/8	4 ¼	6	1C791
7 ¾	360	1 ¼	5/16	—	16	15	14	8 ¼	5 ⅜	8	1C792
9	475 to 1,100	¾	¼	1,000 to 1,000	17	11	15	10 ¾	6 ½	9	2C887
	480 to 1,005	1 ¼	5/16	—	18	16	15	10 ¾	6 ½	9	2C889
	855 to 1,180	¾	5/16	—	18	16	15	10 ¾	6 ½	9	2C938 †
	1,050 to 1,390	2	1	—	18	16	15	10 ¾	6 ½	9	4C118
10 ⅝	1,140 to 1,690	¾	½	1,000 to 1,000	19	12	18	11 ¾	8	10	2C888
	1,000 to 1,510	1 ¼	¾	—	21	19	18	11 ¾	8	10	2C890
	1,020 to 2,060	1 ¼	¾	—	21	19	18	11 ¾	8	10	2C939 †
	1,047 to 1,848	2 ¾	1 ½	—	21	16	17	11 ¾	5 ⅞	10	4C119
12 ½	1,460 to 2,100	1	½	875 to 875	27	15	22	13 ¼	9 ⅝	13 ¼	2C800
15	1,870 to 4,525	3	½ to 5	557 to 1,256	30	34	27	16 ¼	11 ¾	16 ⅛	2C798
Dual-Inlet with Rectangular Non-Flanged Outlet											
9 ½	245 to 1,250	1 ⅛	3/16 to ½	1,050 to 1,075	15 ½	11 ⅛	14 ⅞	10 ⅜	9 ⅛	7 ¾	5NRC3
	350 to 1,700	1	¼ to ¾	1,050 to 1,075	15 ½	13 ¾	14 ⅞	10 ¼	11 ¾	7 ¾	5NRC4
10 ¾	670 to 1,715	1 ½	5/16 to ¾	1,050 to 1,075	17 ½	12 ⅝	16 ⅝	11 ½	10 ⅝	8 ⅝	5NRC5
	515 to 2,200	1 ¼	5/16 to ¾	1,050 to 1,075	17 ½	15	16 ⅝	11 ½	13	8 ⅝	5NRC6
22 ⅛	6,750 to 28,260	2	1 ½ to 25	310 to 860	35 ⅝	39 ¼	35 ⅝	27 ¼	27 ¼	18 ⅝	5UDU5
24 ⅞	9,730 to 30,500	2	2 to 25	270 to 635	40	43 ¼	40	31 ¼	31 ¼	21	5VZU1

Dependent on motor selected. †Supplied with rubber motor mount 3CC03 for extra-quiet operation.

4C118