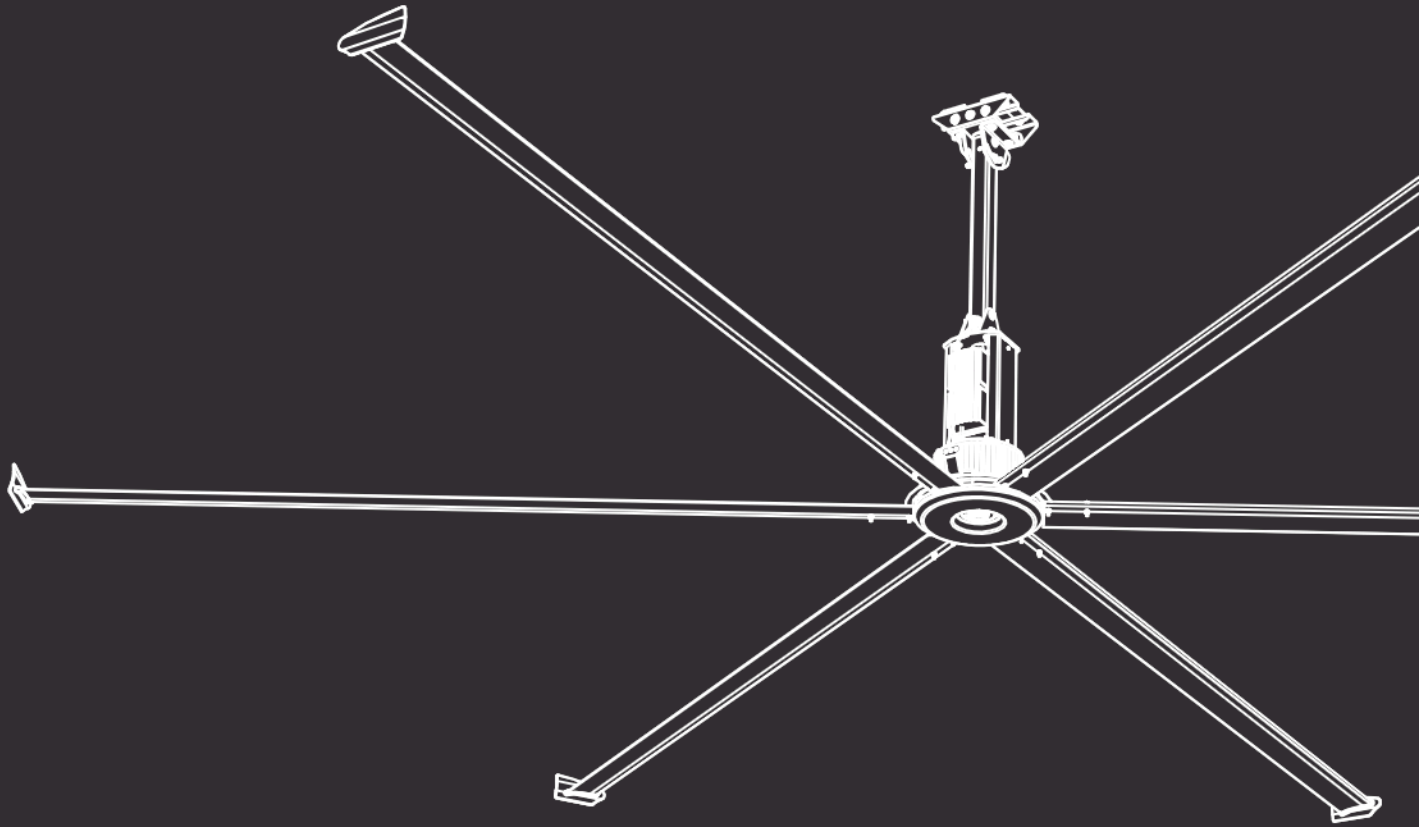


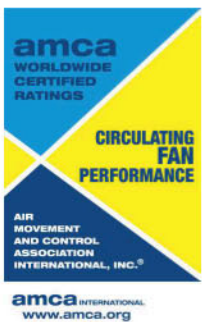
PERFORMANCE CATALOG

POWERFOIL D



BIG ASS FANS®

MARCH 2026
BIGASSFANS.COM



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POWERFOIL[®] D



Diameter: 8 ft (2.4 m), PFD1-0822

200–277 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
202.3	489	34,445	6	1.52
161.5	265	27,430		1.77
120.7	140	20,579		2.01
81.8	70	13,925		2.33
41.0	37	6,392		2.54

Diameter: 8 ft (2.4 m), PFD1-0804

380–480 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
202.0	489	34,146	7	1.49
161.3	278	27,173		1.66
120.5	164	20,402		1.69
81.7	107	14,016		1.53
40.9	87	6,084		1.05

Diameter: 10 ft (3 m), PFD1-1022

200–277 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
147.7	498.9	49,907	6	1.61
118.5	284.2	40,369		1.81
87.8	137.4	29,501		2.12
58.6	64.3	19,310		2.51
29.3	32.9	8,476		2.80

Diameter: 10 ft (3 m), PFD1-1004

380–480 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
147.6	512	49,712	9	1.55
117.7	314	40,009		1.62
88.6	176	30,220		1.72
58.7	111	20,193		1.53
29.3	84	9,513		1.14

Diameter: 12 ft (3.7 m), PFD1-1222

200–277 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
146.7	1017	83,637	6	1.41
117.0	531	65,937		1.56
87.9	253	49,368		1.80
58.2	96	32,737		2.37
29.3	37	14,655		2.86

Diameter: 12 ft (3.7 m), PFD1-1204

380–480 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
146.8	1031	83,490	9	1.38
117.2	546	65,782		1.51
87.3	286	49,730		1.61
58.1	141	33,252		1.65
29.2	94	15,408		1.16

POWERFOIL® D



Diameter: 14 ft (4.3 m), PFD1-1422

200–277 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
124.6	1208	108,721	6	1.32
99.7	643	86,631		1.46
74.8	281	65,309		1.83
49.3	106	43,332		2.37
25.0	39	20,861		2.96

Diameter: 14 ft (4.3 m), PFD1-1404

380–480 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
124.5	1200	107,955	7	1.31
99.0	632	86,149		1.47
74.7	318	65,255		1.62
49.2	152	43,430		1.66
25.0	94	21,312		1.26

Diameter: 16 ft (4.9 m), PFD1-1622

200–277 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
107.9	1539	138,670	6	1.20
86.7	764	111,074		1.42
64.7	332	82,902		1.73
43.3	128	55,718		2.20
20.9	39	24,548		3.00

Diameter: 16 ft (4.9 m), PFD1-1604

380–480 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
108.5	1569	139,635	9	1.20
86.6	792	109,806		1.34
64.7	373	81,643		1.49
43.7	183	55,502		1.53
21.4	109	25,158		1.10

Diameter: 18 ft (5.5 m), PFD1-1822

200–277 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
96.4	1527	165,234	6	1.26
77.2	813	132,679		1.39
58.0	370	99,370		1.63
38.7	154	66,889		1.91
19.5	68	31,947		1.90

Diameter: 18 ft (5.5 m), PFD1-1804

380–480 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
96.6	1514	166,915	7	1.30
77.3	811	133,549		1.42
58.1	394	99,381		1.53
38.8	188	65,976		1.54
19.6	110	30,737		1.15

POWERFOIL[®] D



Diameter: 20 ft (6.1 m), PFD1-2022

200–277 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
81.9	1386	185,716	6	1.30
65.2	708	147,164		1.47
49.2	333	110,472		1.70
33.2	140	73,932		2.01
16.5	58	33,844		2.16

Diameter: 20 ft (6.1 m), PFD1-2004

380–480 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
84.3	1544	192,427	7	1.27
67.0	806	152,402		1.40
49.4	373	111,204		1.54
32.9	178	72,867		1.55
16.7	105	34,414		1.21

Diameter: 24 ft (7.3 m), PFD1-2422

200–277 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
60.6	1431	226,180	6	1.15
48.9	744	182,096		1.34
36.6	340	135,952		1.61
24.3	140	89,207		1.96
12.5	67	40,292		1.93

Diameter: 24 ft (7.3 m), PFD1-2404

380–480 V, 3 Φ, 60 Hz				
Speed (RPM)	Power (W)	Airflow (CFM)	Standby Power (W)	CFEI
62.9	1617	235,142	7	1.12
50.8	849	189,754		1.29
37.8	400	142,058		1.49
24.8	180	93,034		1.62
12.5	104	41,413		1.26



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