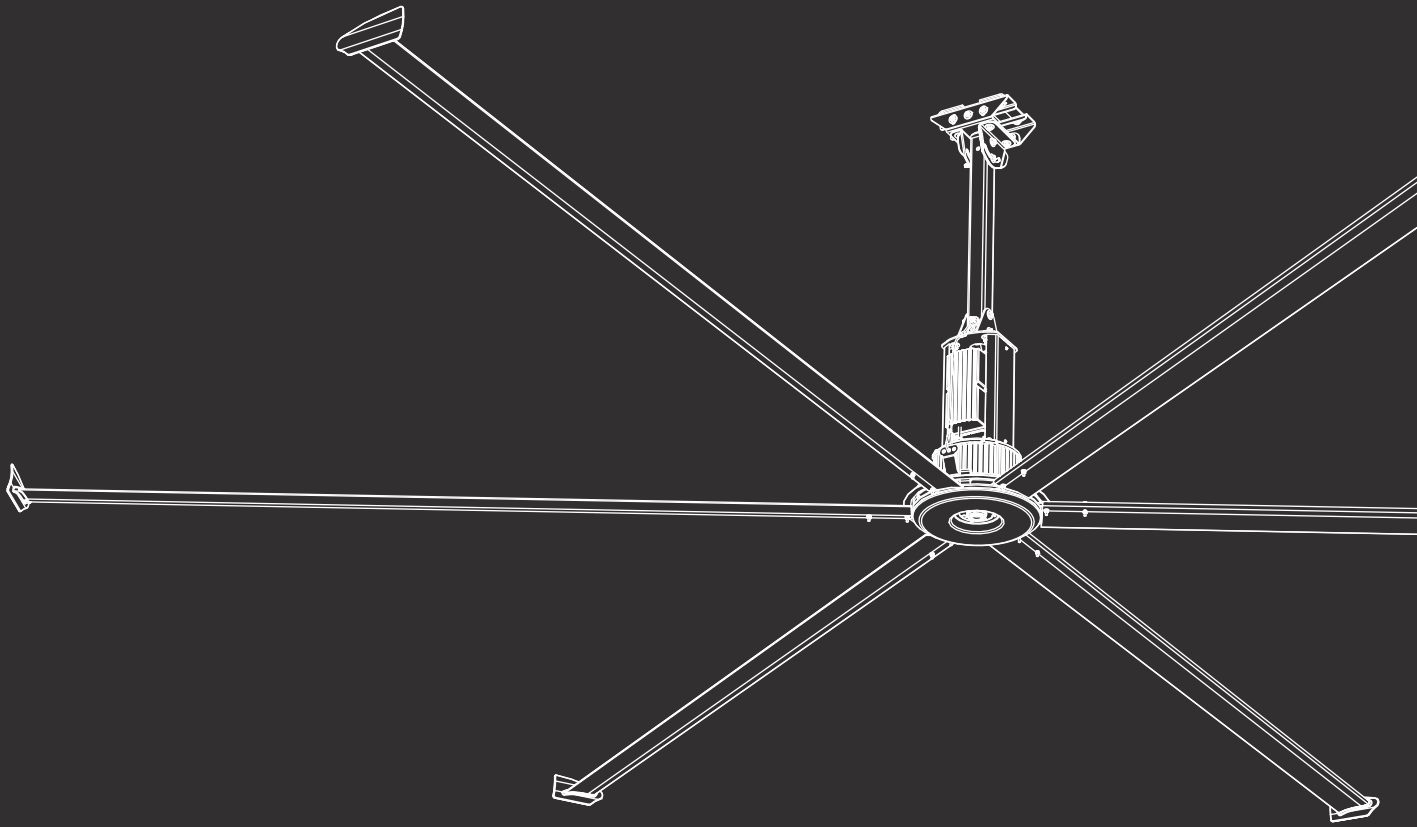


# PERFORMANCE CATALOG

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## POWERFOIL D





Big Ass Fans certifies that the model Powerfoil D shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings only. The AMCA Certified Ratings Seal applies at free delivery only. Performance ratings do not include the effects of appurtenances (accessories).

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# POWERFOIL® D



**Diameter: 8 ft (2.4 m)**

## 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

## 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)**

## 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

## 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)**

## 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

## 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)

### 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

### 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)

### 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

### 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)

### 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

### 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)**

## 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

## 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)**

## 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

## 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



**BIG ASS FANS<sup>®</sup>**

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