



Performance shown is for installation type D – Ducted inlet, Ducted outlet.
Performance ratings include the effects of inlet and outlet grilles in the airstream.
Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Maximum input horsepower: 0.860 Hp

FAN SPECIFICATIONS

Type	Centrifugal Direct-Drive
Construction	AMCA Type B
Inlet Size Diameter	6.3" (160mm)
Outlet Size Diameter	6.3" (160mm)
Impeller Diameter	11.9" (300mm)
Impeller / Housing	Aluminum/ Steel
Fan and Motor Wt	42 lbs (19 kg)

MOTOR SPECIFICATIONS

Motor HP	Frequency	Frame	RPM
0.75	60 Hz	56C	3450
Model	Phase	Volts	FL Amps
1800-1-AM	3	208-230/ 460	2.4/ 1.2
1801-AM	1	115/ 230	10.0/ 5.0

Sound Power Levels

Static Pressure (in wg)	Airflow CFM	Octave Band Number & Center Frequency Number							
		1 63	2 125	3 250	4 500	5 1K	6 2K	7 4K	8 8K
0	836	109	100	91	91	87	86	82	76
2.4	715	105	98	89	88	83	83	78	71
4.8	530	100	99	87	86	81	80	74	68
7.15	331	104	97	81	82	79	76	70	65

The sound power level ratings shown are in decibels, referred to as 10⁻¹² watts calculated per AMCA Standard 301. Values shown are for outlet L_w sound power levels for installation Type D, ducted inlet, ducted outlet. Ratings include the effects of duct end correction for outlet ducts.



PlymoVent certifies that the 1800 Series Fans shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.