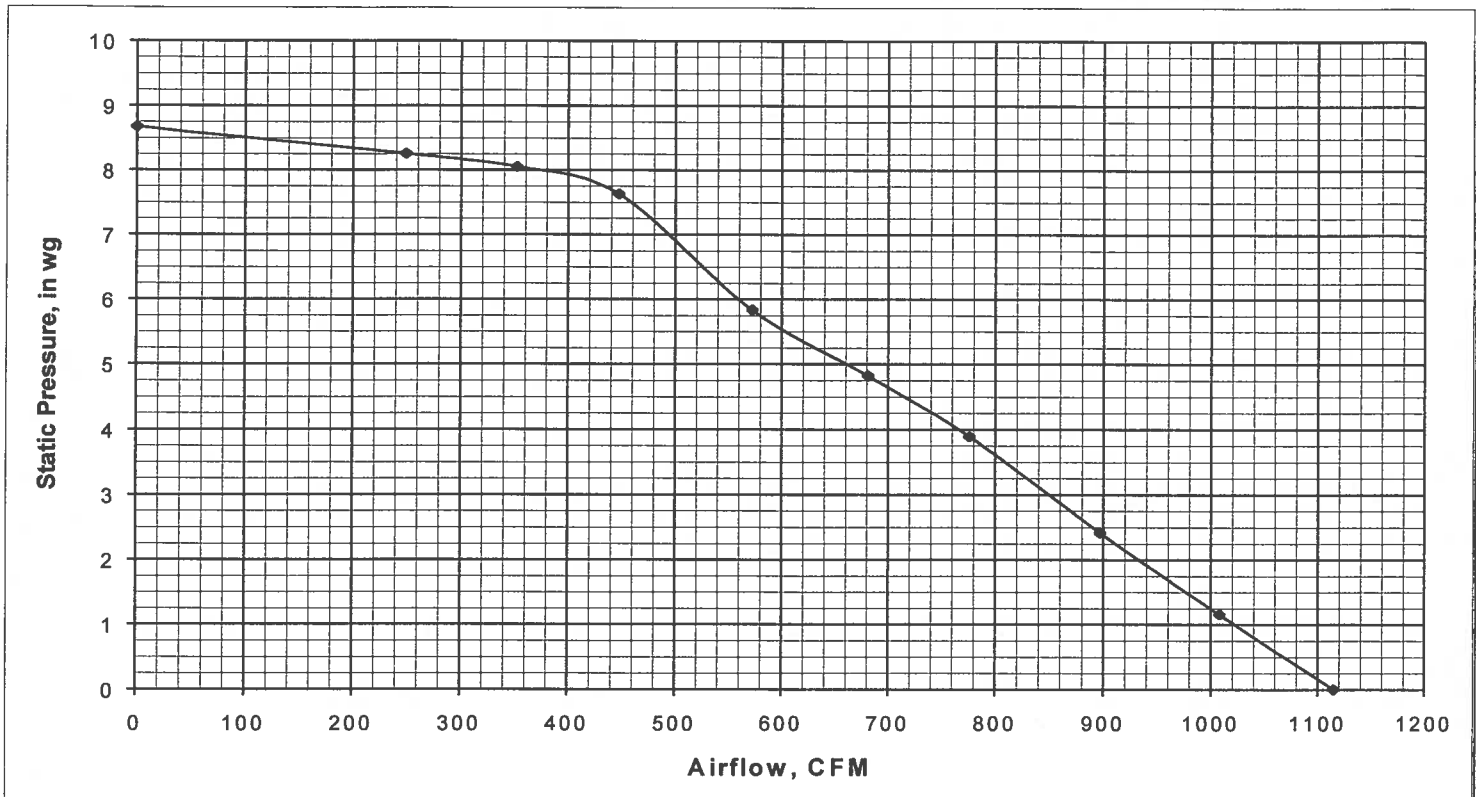


# PLYMOVENT® 2100 Series Fans

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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: 1.30 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	48 lbs (22 kg)

## MOTOR SPECIFICATIONS

Motor HP	Frequency	Frame	RPM
1.0	60 Hz	56C	3450
Model	Phase	Volts	FL Amps
2100-1-AM	3	208-230/460	3.6/ 1.8
2100-2-AM	3	575	1.3
2101-AM	1	115/230	12.0/6.0

## 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	1115	97	98	91	93	88	88	83	80
2.5	890	90	95	91	93	86	84	79	75
5	660	95	96	89	90	84	81	75	71
7.62	447	88	94	89	89	83	79	72	70

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  $L_{W0}$  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 2100 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.

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