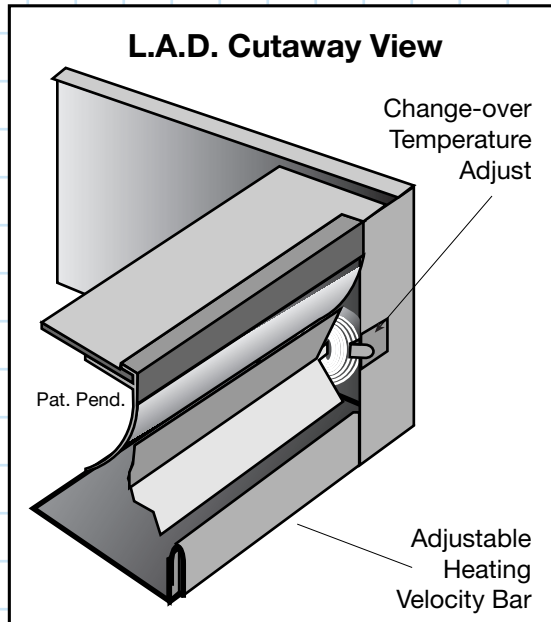


LINEAR ANTISTRAT DIFFUSER

Thermally Powered Diffusers



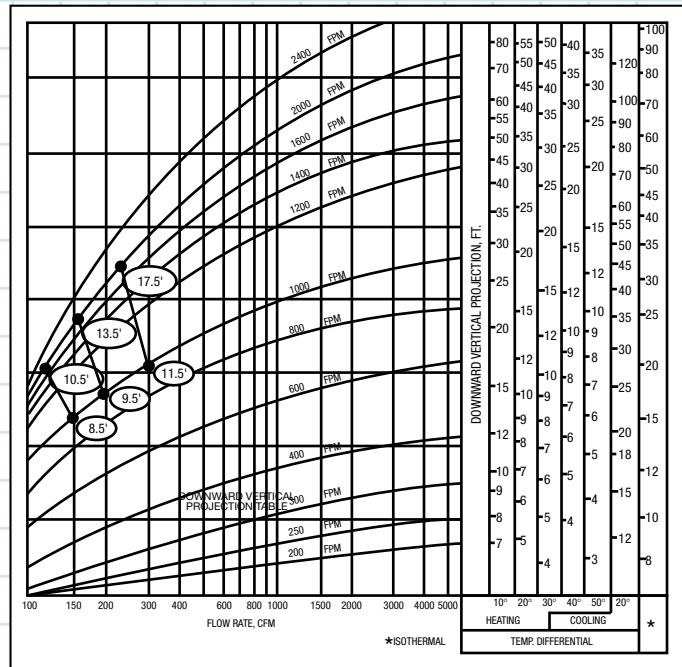
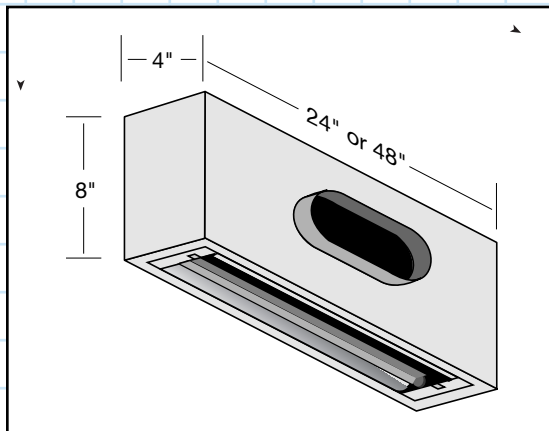
SPECIFICATIONS

UNIT SIZE	COOLING				HEATING		
	CFM	S.P.	THROW	N.C.	CFM	THROW	N.C.
2 FT.	50	0.02	1 - 2 - 5	<20	40	1 - 4 - 6	<20
	100	0.04	3 - 7 - 10	<20	80	2 - 5 - 8	<20
	150	0.10	7 - 12 - 15	<24	120	7 - 12 - 15	<24
	200	0.17	10 - 15 - 20	<36	160	10 - 15 - 20	<36
4 FT.	150	0.03	2 - 6 - 8	<20	120	1 - 4 - 5	<20
	200	0.05	3 - 9 - 11	<21	160	3 - 5 - 10	<20
	250	0.07	5 - 11 - 14	<27	200	4 - 6 - 12	<26
	300	0.11	7 - 13 - 17	<32	240	5 - 9 - 17	<31
	350	0.13	9 - 15 - 20	<35	280	6 - 12 - 20	<33
	400	0.18	11 - 18 - 22	<40	320	8 - 15 - 24	<38

- NOTES:**
1. The heating S.P. shall be slightly greater than the S.P. for the corresponding cooling C.F.M. balanced condition.
 2. The throw values are for terminal velocities of 150 - 100 - 50 F.P.M. The throw values are based upon a cooling temperature differential of 20°F and a heating temperature differential of 30°F.
 3. The N.C. values were determined from octave band 2 - 7 sound power levels with a 10dB room absorption.

The **L.A.D.** (Linear Antistrat-Diffuser) is a thermally powered bi-directional outlet that automatically changes from a two slot "Horizontal Cooling" position to an adjustable single slot "Vertical Heat" position. This is achieved by an adjustable Bi-Metallic Coil attached to a uniquely designed center diffusion blade, utilizing a single moving part configuration.

DIMENSIONAL DATA



- NOTES:** Select grille size for required jet velocity and cfm from performance table. However, if 1/2 the slot size slows the delivery of 80% cfm similar to the function of the heating mode vs. the cooling mode, then the added throw of 2' - 6' may justify the slot size adjustment function. But, only the very low (<160 cfm) air flows have a throw that may need to be increased and the increase would be <2'.

PERFORMANCE AIR PRODUCTS, INC.

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Performance Air Products, Inc., warrants the thermal diffuser for a period of 10 years. The diffusers shall be free from defects in material and workmanship. We agree to repair or replace any defective parts. This warranty excludes shipping charges and field labor required to exchange, test or service the diffuser.