



MODEL PHPS-6, PHPSI-6
Plenum Slot Supply Diffuser, T-Bar (4 Slots)

		CFM/LF	50	75	80	100	150	175	200	250	
1/2" Slot Width	8" Inlet	Horizontal	CFM	100	150	160	200	300	350	400	500
		PS	.033	.074	.084	.131	.295	.401	.524	.819	
		Throw	16	20	21	23	28	30	33	36	
	2" Length	Vertical	PS	.029	.066	.075	.117	.262	.357	.466	.729
		Throw	8	12	12	16	20	21	23	25	
		NC	<10	<10	15	23	35	39	42	48	
10" Inlet	Horizontal	CFM	200	300	320	400	600	700	800	1000	
		PS	.032	.072	.082	.129	.289	.394	.514	.803	
		Throw	23	28	29	33	40	43	46	51	
	4" Length	Vertical	PS	.029	.064	.073	.114	.257	.350	.457	.714
		Throw	11	16	17	22	28	30	32	36	
		NC	<10	15	16	23	35	39	42	47	

		CFM/LF	50	75	80	100	150	175	200	250	
1" Slot Width	10" Inlet	Horizontal	CFM	100	150	160	200	300	350	400	500
		PS	.017	.039	.045	.070	.157	.213	.279	.435	
		Throw	16	20	21	23	28	30	33	36	
	2" Length	Vertical	PS	.017	.037	.042	.066	.149	.203	.265	.414
		Throw	6	9	9	11	17	20	23	25	
		NC	<10	<10	<10	13	26	31	34	39	
4" Length	10" Inlet	Horizontal	CFM	200	300	320	400	600	700	800	1000
		PS	.017	.038	.044	.068	.154	.209	.273	.427	
		Throw	23	28	29	33	40	43	46	51	
	Vertical	PS	.016	.037	.042	.065	.148	.199	.260	.406	
		Throw	9	13	14	18	27	30	32	36	
		NC	<10	<10	<10	16	29	34	37	42	

Performance Notes:

All Units have been tested in accordance with ANSI / ASHRAE 70-2006. Data in table is derived from such testing

Ps - Static pressure required to obtain listed cfm, units of inches water gauge (in .wg.)

NC- Calculated noise criteria using 10 dB per octave room attenuation (dimensionless).

Throw - Non-isothermal throw, in feet, for a terminal velocity of 50 fpm. Throw are listed in one way direction.

Two-way throw can be determine by dividing the supply air volume equally in each direction and use the One-way throw values listed.

For sizes not shown, refer to online tools **GRD Selection Program** performance calculator on Home Page