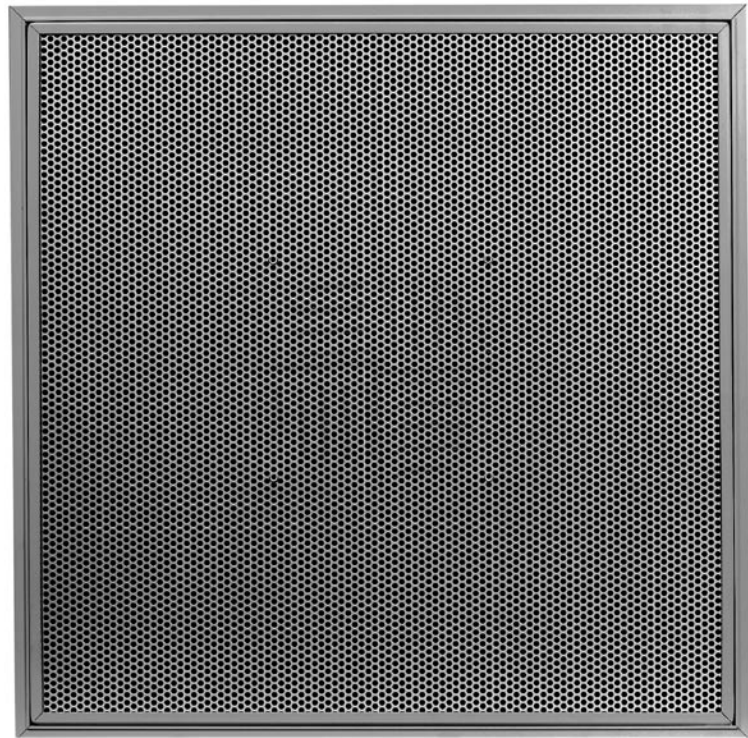
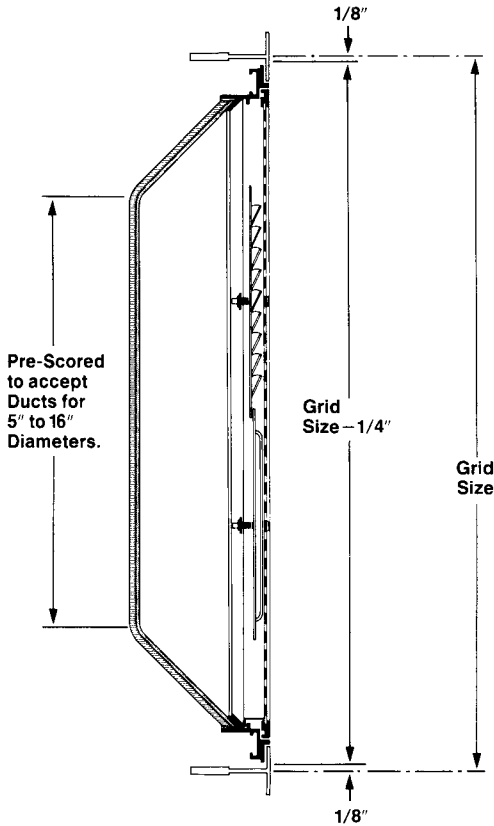


Perforated Supply Ceiling Diffuser with Fiberglass Back

model PS-1-FGB



PS-1-FGB

product description

The model PS-1-FGB is designed for an inverted T-bar application. For your reference we show below the performance data table. An extruded aluminum outer frame retaining the removable face is utilized for cleaning after installation. A series of spring clips which are totally concealed retain the face.

This model is an economical and versatile unit designed for a 24" x 24" T-bar system. The back is made of rigid fiberglass that is pre-scored to accommodate 5" to

16" diameter flexible duct. The interior of the rigid fiberglass is black.

The 1" rigid fiberglass back has excellent noise absorption and insulating characteristics. The face is of .032" aluminum to allow for a rust-free installation.

This model has field-adjustable pattern control for every conceivable air pattern required. Four individual spring loaded pattern controls rotate to alter the air pattern.

Performance Data – PS-1-FGB

Throw valves are at 100 FPM, 50 FPM.

					NC less than 35		NC less than 25		NC less than 20				NECK DIA.	
CFM					250	225	210	185	160	125	100	75	50	
Face Velocity					150	135	125	110	95	75	60	45	30	
Total Pressure Loss					.131	.105	.081	.058	.036	.026	.018	.011	.005	
Throw 4 way, 1 way					9-12	8-11	8-10	6-9	5-8	4-6	3-4	2-2	1-1	6
CFM		410			360	310	250	225	210	185	150	125	100	
Face Velocity		245			215	185	150	135	125	110	95	75	60	
Total Pressure Loss		.127			.097	.072	.052	.042	.032	.024	.017	.012	.008	
Throw 4 way, 1 way		11-16			10-15	9-14	8-13	7-11	6-10	5-9	4-7	3-6	3-5	8
CFM	620	505			460	410	360	310	250	225	210	185	160	
Face Velocity	370	300			275	245	215	185	150	135	125	110	95	
Total Pressure Loss	.147	.101			.082	.066	.051	.037	.025	.020	.014	.012	.011	
Throw 4 way, 1 way	13-18	12-16			11-14	10-13	9-12	8-11	7-10	6-9	6-8	5-7	4-6	10
CFM	925	840	715		620	505	460	410	360	310	250	225	210	
Face Velocity	550	500	425		370	300	275	245	215	185	150	135	125	
Total Pressure Loss	.190	.154	.118		.085	.062	.051	.040	.029	.023	.016	.013	.010	
Throw 4 way, 1 way	16-24	15-21	14-19		13-17	12-16	11-15	10-14	9-13	7-11	5-9	5-8	4-8	12