



PERFORMANCE DATA

critical environment diffusers

SSLF WITH HIGH CAPACITY - 33% PERFORATED FACE

6" Round Inlet	Airflow (CFM)	100	120	140	160	180	220	240	260	300
48" x 12" Module	Total Pressure	0.029	0.042	0.058	0.075	0.095	0.142	0.169	0.198	0.264
	NC (Noise Criteria)	-	-	-	-	23	30	33	36	41
24" x 24" Module	Total Pressure	0.029	0.042	0.057	0.074	0.468	0.094	0.141	0.167	0.262
	NC (Noise Criteria)	-	-	-	-	23	30	33	36	41
24" x 36" Module	Total Pressure	0.028	0.040	0.054	0.071	0.090	0.134	0.159	0.187	0.249
	NC (Noise Criteria)	-	-	-	-	23	30	33	36	41
24" x 48" Module	Total Pressure	0.027	0.039	0.053	0.070	0.088	0.132	0.157	0.184	0.245
	NC (Noise Criteria)	-	-	-	-	23	30	33	36	41

8" Round Inlet	Airflow (CFM)	100	120	140	160	180	220	240	260	300
60" x 12" Module	Total Pressure	0.010	0.014	0.020	0.025	0.032	0.048	0.057	0.067	0.090
	NC (Noise Criteria)	-	-	-	-	-	-	-	-	21
72" x 12" Module	Total Pressure	0.009	0.014	0.018	0.024	0.031	0.046	0.054	0.064	0.085
	NC (Noise Criteria)	-	-	-	-	-	-	-	-	21
48" x 24" Module	Total Pressure	0.009	0.013	0.017	0.023	0.029	0.043	0.051	0.059	0.079
	NC (Noise Criteria)	-	-	-	-	-	-	-	-	21
24" x 60" Module	Total Pressure	0.009	0.012	0.017	0.022	0.028	0.042	0.050	0.058	0.077
	NC (Noise Criteria)	-	-	-	-	-	-	-	-	21
24" x 72" Module	Total Pressure	0.008	0.012	0.017	0.022	0.028	0.041	0.049	0.057	0.076
	NC (Noise Criteria)	-	-	-	-	-	-	-	-	21

10" Round Inlet	Airflow (CFM)	215	240	265	295	320	345	400	425	515
48" x 24" Module	Total Pressure	0.018	0.022	0.027	0.034	0.040	0.046	0.062	0.070	0.103
	NC (Noise Criteria)	-	-	-	-	-	-	-	21	28
60" x 24" Module	Total Pressure	0.017	0.021	0.026	0.032	0.038	0.044	0.059	0.066	0.098
	NC (Noise Criteria)	-	-	-	-	-	-	-	21	28
72" x 24" Module	Total Pressure	0.017	0.021	0.025	0.031	0.037	0.043	0.057	0.065	0.095
	NC (Noise Criteria)	-	-	-	-	-	-	-	21	28

12" Round Inlet	Airflow (CFM)	215	240	265	295	320	345	400	425	515
48" x 24" Module	Total Pressure	0.010	0.012	0.015	0.019	0.022	0.025	0.034	0.049	0.057
	NC (Noise Criteria)	-	-	-	-	-	-	-	-	21
60" x 24" Module	Total Pressure	0.009	0.011	0.014	0.017	0.020	0.023	0.031	0.035	0.051
	NC (Noise Criteria)	-	-	-	-	-	-	-	-	21
72" x 24" Module	Total Pressure	0.008	0.011	0.013	0.016	0.019	0.022	0.029	0.033	0.049
	NC (Noise Criteria)	-	-	-	-	-	-	-	-	21

PERFORMANCE NOTES

- Performance data includes initial pressure loss associated with optional equalization baffle
- Data obtained in accordance with ASHRAE Standard 70-2006
- NC Values are based on a room absorption of 10 dB
- NC levels less than 10 dB are shown as “-”
- All pressures are in inches of water