

PERFORMANCE DATA

SDS with SDB Plenum – ½ in. Slot Width (SDS50)

1 Slot

Flow Rate (cfm)			60	80	100	120	140	160	180	200	220
36 in. (4 in. Inlet)	Throw (ft.)	H	4-9-13	8-10-14	9-10-15	10-12-18	11-13-19	-	-	-	-
	Throw (ft.)	V	11	13	14	16	17	-	-	-	-
	Total Pressure (in. w.g.) Sound (NC)		0.144 23	0.254 32	0.394 39	0.571 45	0.773 49	-	-	-	-
48 in. (5 in. Inlet)	Throw (ft.)	H	2-8-13	5-10-16	8-12-17	11-13-19	12-13-20	12-14-22	13-16-23	-	-
	Throw (ft.)	V	11	13	14	17	18	19	20	-	-
	Total Pressure (in. w.g.) Sound (NC)		0.088 -	0.161 28	0.248 35	0.358 40	0.482 45	0.628 49	0.796 52	-	-
60 in. (5 in. Inlet)	Throw (ft.)	H	3-9-13	3-9-14	5-10-17	9-13-18	12-13-21	12-14-22	13-14-22	13-16-23	14-17-25
	Throw (ft.)	V	10	13	14	16	17	18	20	21	22
	Total Pressure (in. w.g.) Sound (NC)		0.043 -	0.079 -	0.122 -	0.176 25	0.238 29	0.310 33	0.392 37	0.486 40	0.587 43

2 Slot

Flow Rate (cfm)			100	130	160	190	220	250	280	310	340
36 in. (5 in. Inlet)	Throw (ft.)	H	6-10-15	9-13-18	11-14-20	12-15-22	13-16-23	14-17-25	-	-	-
	Throw (ft.)	V	14	16	18	20	21	22	-	-	-
	Total Pressure (in. w.g.) Sound (NC)		0.097 21	0.163 28	0.245 35	0.348 40	0.465 44	0.601 48	-	-	-
48 in. (6 in. Inlet)	Throw (ft.)	H	10-12-16	11-13-18	12-14-20	12-16-23	13-17-24	14-18-25	16-19-26	17-20-29	17-22-30
	Throw (ft.)	V	13	17	19	20	22	23	24	25	26
	Total Pressure (in. w.g.) Sound (NC)		0.050 -	0.084 -	0.131 25	0.184 30	0.247 35	0.315 39	0.396 43	0.487 46	0.587 49
60 in. (7 in. Inlet)	Throw (ft.)	H	9-12-16	10-13-18	12-14-20	12-16-21	13-17-23	14-18-25	14-20-26	16-20-27	17-21-29
	Throw (ft.)	V	10	14	18	20	21	22	23	25	26
	Total Pressure (in. w.g.) Sound (NC)		0.032 -	0.053 -	0.077 -	0.112 24	0.147 28	0.193 32	0.242 36	0.294 39	0.354 41

3 Slot

Flow Rate (cfm)			130	160	190	220	250	280	310	340	370
36 in. (6 in. Inlet)	Throw (ft.)	H	7-11-18	9-14-20	11-15-21	13-16-23	14-17-24	15-19-26	16-19-27	16-20-29	17-21-30
	Throw (ft.)	V	15	18	19	21	22	24	25	26	27
	Total Pressure (in. w.g.) Sound (NC)		0.072 20	0.112 26	0.158 31	0.211 36	0.270 40	0.339 43	0.417 46	0.502 49	0.593 51
48 in. (7 in. Inlet)	Throw (ft.)	H	11-13-18	12-14-20	13-16-22	14-17-24	14-18-25	16-19-26	17-20-28	18-22-30	18-23-31
	Throw (ft.)	V	13	16	19	22	23	24	25	26	28
	Total Pressure (in. w.g.) Sound (NC)		0.045 -	0.066 -	0.096 24	0.126 29	0.164 33	0.206 36	0.251 39	0.302 42	0.359 44
60 in. (8 in. Inlet)	Throw (ft.)	H	10-13-18	12-14-20	12-16-21	13-17-22	14-18-25	16-20-26	16-20-27	17-21-29	18-21-30
	Throw (ft.)	V	12	14	16	20	22	23	25	26	27
	Total Pressure (in. w.g.) Sound (NC)		0.024 -	0.035 -	0.049 -	0.068 20	0.086 23	0.108 26	0.132 29	0.159 32	0.189 34

4 Slot

Flow Rate (cfm)			160	200	240	280	320	360	400	440	480
36 in. (7 in. Inlet)	Throw (ft.)	H	7-12-19	11-15-22	12-17-24	14-19-26	16-20-28	17-21-29	18-22-31	19-23-33	20-24-34
	Throw (ft.)	V	18	20	22	24	25	27	28	30	31
	Total Pressure (in. w.g.) Sound (NC)		0.061 20	0.096 26	0.138 32	0.190 37	0.248 41	0.311 44	0.385 47	0.465 51	0.553 53
48 in. (8 in. Inlet)	Throw (ft.)	H	5-10-20	7-14-23	11-18-24	14-19-26	17-20-29	18-22-30	19-23-32	20-24-34	20-25-36
	Throw (ft.)	V	14	18	22	24	26	28	30	31	32
	Total Pressure (in. w.g.) Sound (NC)		0.034 -	0.052 -	0.075 23	0.104 28	0.135 31	0.172 35	0.213 38	0.257 41	0.307 44
60 in. (10 in. Inlet)	Throw (ft.)	H	4-7-16	5-10-22	8-16-25	10-18-26	13-20-27	16-21-29	18-22-31	20-23-33	21-25-34
	Throw (ft.)	V	12	16	18	21	25	27	29	30	31
	Total Pressure (in. w.g.) Sound (NC)		0.018 -	0.029 -	0.043 -	0.061 21	0.079 25	0.097 28	0.122 32	0.148 35	0.173 37

Performance Notes:

- Tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Horizontal (H) and vertical (V) throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum). Spread is the maximum width of the jet defined by the above terminal velocities.
- Throw values are based on full-open, one direction.
- Throw data is based on supply air and room air being at isothermal conditions.
- The NC values are based on a room absorption of 10 dB, re 10⁻¹² watts and one diffuser. The NC values are 10 lower with vertical projection.
- All pressures are in in. w.g.
- Spread and throw data applies to Models SDB and SDBI only.
- Blanks "-" indicate an NC level below 20.
- Associated SDS diffuser must be specified and ordered as a separate item.

PERFORMANCE DATA

SDS with SDB Plenum – ¾ in. Slot Width (SDS75)

1 Slot

Flow Rate (cfm)			80	100	120	140	160	180	200	220	240
36 in. (4 in. Inlet)	Throw (ft.)	H	8-10-15	9-10-15	10-12-17	11-13-19	11-14-20	-	-	-	-
		V	12	14	16	17	18	-	-	-	-
	Total Pressure (in. w.g.)		0.164	0.254	0.369	0.499	0.654	-	-	-	-
48 in. (5 in. Inlet)	Throw (ft.)	H	8-10-14	10-11-17	10-12-18	11-13-19	12-14-20	12-16-22	13-16-23	13-17-24	-
		V	13	14	17	18	18	19	20	22	-
	Total Pressure (in. w.g.)		0.090	0.139	0.201	0.271	0.353	0.447	0.554	0.668	-
60 in. (6 in. Inlet)	Throw (ft.)	H	8-9-14	9-10-16	10-12-18	10-13-20	12-13-20	12-14-21	13-16-23	13-17-23	14-17-25
		V	13	14	16	17	18	20	20	21	22
	Total Pressure (in. w.g.)		0.058	0.093	0.133	0.186	0.244	0.307	0.377	0.458	0.539
Sound (NC)			-	-	24	29	32	36	40	43	45

2 Slot

Flow Rate (cfm)			130	160	190	220	250	280	310	340	370
36 in. (6 in. Inlet)	Throw (ft.)	H	7-12-18	10-14-20	12-15-22	13-16-24	14-17-25	15-19-27	15-20-28	-	-
		V	16	18	19	21	23	24	25	-	-
	Total Pressure (in. w.g.)		-	0.104	0.162	0.228	0.305	0.390	0.490	-	-
48 in. (7 in. Inlet)	Throw (ft.)	H	5-11-18	7-14-20	11-16-23	13-17-24	14-18-25	16-19-28	16-20-29	17-22-30	18-23-31
		V	13	15	20	22	23	24	25	28	29
	Total Pressure (in. w.g.)		0.059	0.086	0.126	0.165	0.216	0.271	0.330	0.397	0.472
60 in. (8 in. Inlet)	Throw (ft.)	H	4-5-17	7-12-20	8-14-21	10-17-23	13-18-25	14-18-26	16-20-27	16-21-30	17-23-31
		V	13	16	18	21	22	23	25	26	27
	Total Pressure (in. w.g.)		0.045	0.066	0.091	0.146	0.161	0.202	0.247	0.297	0.353
Sound (NC)			-	-	24	28	32	36	39	42	44

3 Slot

Flow Rate (cfm)			160	190	220	250	280	310	340	370	400
36 in. (7 in. Inlet)	Throw (ft.)	H	7-12-20	9-14-22	11-16-23	13-17-25	14-18-26	15-19-27	17-21-29	18-22-30	19-23-31
		V	17	19	21	22	23	25	27	28	29
	Total Pressure (in. w.g.)		0.073	0.107	0.140	0.183	0.230	0.280	0.336	0.400	0.466
48 in. (8 in. Inlet)	Throw (ft.)	H	5-11-20	7-17-23	10-18-24	12-18-25	14-19-28	17-20-30	18-22-30	18-23-31	19-24-34
		V	14	18	20	24	25	26	28	29	30
	Total Pressure (in. w.g.)		0.042	0.059	0.082	0.104	0.130	0.160	0.192	0.228	0.267
60 in. (10 in. Inlet)	Throw (ft.)	H	4-8-20	5-12-22	7-16-22	8-18-23	10-20-26	13-20-27	16-21-30	17-21-31	18-22-3
		V	13	16	18	20	22	26	27	29	29
	Total Pressure (in. w.g.)		0.023	0.037	0.046	0.060	0.078	0.092	0.110	0.133	0.156
Sound (NC)			-	-	-	21	24	27	30	32	35

4 Slot

Flow Rate (cfm)			200	240	280	320	260	400	440	480	520
36 in. (8 in. Inlet)	Throw (ft.)	H	9-14-22	11-17-25	13-19-27	15-20-28	16-21-30	19-22-31	19-23-32	20-24-34	21-26-36
		V	18	21	24	25	27	29	30	31	33
	Total Pressure (in. w.g.)		0.062	0.090	0.124	0.161	0.205	0.254	0.307	0.366	0.428
48 in. (10 in. Inlet)	Throw (ft.)	H	6-12-24	10-16-25	12-18-28	13-20-29	14-22-31	17-24-32	18-24-35	19-25-36	23-26-37
		V	17	19	23	25	28	30	31	32	34
	Total Pressure (in. w.g.)		0.033	0.049	0.070	0.090	0.111	0.139	0.168	0.197	0.234
60 in. (10 in. Inlet)	Throw (ft.)	H	4-10-21	7-13-25	9-16-26	12-18-29	13-20-30	14-22-31	16-23-34	17-25-35	20-26-36
		V	14	17	20	22	25	27	30	31	33
	Total Pressure (in. w.g.)		0.021	0.031	0.044	0.057	0.070	0.088	0.107	0.125	0.148
Sound (NC)			-	-	-	-	22	25	28	31	33

Performance Notes:

- Tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Horizontal (H) and vertical (V) throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum). Spread is the maximum width of the jet defined by the above terminal velocities.
- Throw values are based on full-open, one direction.
- Throw data is based on supply air and room air being at isothermal conditions.
- The NC values are based on a room absorption of 10 dB, re 10⁻¹² watts and one diffuser. The NC values are 10 lower with vertical projection.
- All pressures are in in. w.g.
- Spread and throw data applies to Models SDB and SDBI only.
- Blanks "-" indicate an NC level below 20.
- Associated SDS diffuser must be specified and ordered as a separate item.

PERFORMANCE DATA

SDS with SDB Plenum – 1 in. Slot Width (SDS100)

1 Slot

Flow Rate (cfm)			100	120	140	160	180	200	220	240	260
36 in. (5 in. Inlet)	Throw (ft.)	H	6-11-15	9-12-17	11-13-19	11-14-20	12-14-20	12-15-22	-	-	-
	V	V	14	15	17	18	19	20	-	-	-
	Total Pressure (in. w.g.) Sound (NC)		0.218 32	0.314 37	0.422 42	0.550 46	0.698 49	0.864 52	-	-	-
48 in. (5 in. Inlet)	Throw (ft.)	H	5-8-17	6-12-18	8-13-19	11-14-20	13-16-22	13-16-24	14-17-24	14-18-24	-
	V	V	14	17	18	19	20	22	22	23	-
	Total Pressure (in. w.g.) Sound (NC)		0.108 -	0.155 22	0.209 26	0.273 30	0.346 34	0.428 37	0.517 40	0.615 43	-
60 in. (6 in. Inlet)	Throw (ft.)	H	3-7-16	5-9-18	7-12-20	8-14-20	10-14-21	12-16-22	13-16-23	14-17-25	14-18-26
	V	V	14	16	17	18	20	21	22	22	23
	Total Pressure (in. w.g.) Sound (NC)		0.062 -	0.090 -	0.125 20	0.164 24	0.207 27	0.254 30	0.308 33	0.363 36	0.429 38

2 Slot

Flow Rate (cfm)			160	190	220	250	280	310	340	370	400
36 in. (6 in. Inlet)	Throw (ft.)	H	7-14-20	11-15-22	13-16-23	14-17-24	15-19-26	16-19-27	17-20-28	-	-
	V	V	17	19	21	23	24	25	26	-	-
	Total Pressure (in. w.g.) Sound (NC)		0.122 24	0.171 29	0.229 34	0.293 37	0.368 41	0.452 44	0.545 46	-	-
48 in. (7 in. Inlet)	Throw (ft.)	H	5-13-20	7-16-23	10-17-24	12-18-26	16-19-28	17-20-29	18-22-30	18-23-31	19-24-32
	V	V	17	19	22	23	24	26	28	29	30
	Total Pressure (in. w.g.) Sound (NC)		0.060 -	0.087 -	0.114 23	0.150 27	0.188 30	0.228 33	0.275 36	0.326 39	0.381 41
60 in. (8 in. Inlet)	Throw (ft.)	H	4-9-20	5-14-22	7-17-23	9-18-25	10-20-26	13-20-29	17-21-30	18-22-31	18-22-32
	V	V	14	17	20	22	23	25	26	27	29
	Total Pressure (in. w.g.) Sound (NC)		0.040 -	0.055 -	0.076 -	0.098 21	0.122 24	0.149 27	0.180 30	0.214 32	0.25 35

3 Slot

Flow Rate (cfm)			190	220	250	280	310	340	370	400	430
36 in. (8 in. Inlet)	Throw (ft.)	H	8-14-21	10-16-23	11-17-25	13-19-27	15-20-28	16-21-30	16-22-31	18-23-32	19-24-33
	V	V	18	20	22	24	26	27	28	29	30
	Total Pressure (in. w.g.) Sound (NC)		0.076 23	0.105 28	0.134 32	0.168 35	0.206 38	0.248 40	0.294 43	0.344 46	0.399 48
48 in. (10 in. Inlet)	Throw (ft.)	H	5-12-23	7-16-24	10-18-25	12-19-28	14-20-30	16-22-31	16-23-32	17-23-34	17-24-35
	V	V	16	18	20	23	25	26	28	29	30
	Total Pressure (in. w.g.) Sound (NC)		0.037 -	0.051 -	0.066 22	0.082 26	0.101 29	0.121 32	0.144 34	0.168 37	0.194 39
60 in. (10 in. Inlet)	Throw (ft.)	H	4-8-22	5-12-23	7-14-25	8-18-26	9-20-29	12-21-31	14-21-31	16-22-33	17-23-34
	V	V	14	16	18	20	22	23	26	27	29
	Total Pressure (in. w.g.) Sound (NC)		0.027 -	0.033 -	0.043 -	0.057 -	0.067 20	0.080 23	0.097 25	0.113 28	0.130 30

4 Slot

Flow Rate (cfm)			240	280	320	360	400	440	480	520	560
36 in. (8 in. Inlet)	Throw (ft.)	H	9-15-25	12-17-27	13-18-28	14-21-30	15-23-32	17-24-33	20-24-34	21-25-36	22-26-37
	V	V	19	23	25	27	29	30	31	32	33
	Total Pressure (in. w.g.) Sound (NC)		0.070 21	0.096 26	0.125 30	0.159 33	0.198 37	0.239 40	0.284 42	0.333 45	0.388 47
48 in. (10 in. Inlet)	Throw (ft.)	H	6-12-25	8-16-26	11-18-29	14-22-30	18-23-31	19-24-34	20-25-35	22-26-36	23-28-37
	V	V	17	20	23	25	29	30	31	32	35
	Total Pressure (in. w.g.) Sound (NC)		0.036 -	0.051 -	0.066 21	0.081 25	0.102 28	0.123 31	0.144 34	0.171 36	0.198 39
60 in. (10 in. Inlet)	Throw (ft.)	H	5-9-23	7-13-26	8-14-29	9-17-29	12-20-31	14-21-33	16-22-35	20-26-36	21-26-36
	V	V	14	17	20	22	25	26	30	33	33
	Total Pressure (in. w.g.) Sound (NC)		0.025 -	0.036 -	0.046 -	0.057 -	0.071 20	0.086 23	0.101 26	0.120 28	0.139 31

Performance Notes:

- Tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Horizontal (H) and vertical (V) throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum). Spread is the maximum width of the jet defined by the above terminal velocities.
- Throw values are based on full-open, one direction.
- Throw data is based on supply air and room air being at isothermal conditions.
- The NC values are based on a room absorption of 10 dB, re 10⁻¹² watts and one diffuser. The NC values are 10 lower with vertical projection.
- All pressures are in in. w.g.
- Spread and throw data applies to Models SDB and SDBI only.
- Blanks "-" indicate an NC level below 20.
- Associated SDS diffuser must be specified and ordered as a separate item.

PERFORMANCE DATA

SDS with SDB Plenum – 1 ½ in. Slot Width (SDS150)

1 Slot

Flow Rate (cfm)			120	140	160	180	200	220	240	260	280
36 in. (5 in. Inlet)	Throw (ft.)	H	13-16-23	14-17-25	15-19-26	16-20-28	17-21-30	18-22-31	19-23-32	19-24-34	20-25-35
	Throw (ft.)	V	15	16	17	18	19	20	21	21	22
	Total Pressure (in. w.g.) Sound (NC)		0.135 26	0.184 30	0.240 34	0.304 37	0.375 40	0.454 43	0.541 45	0.634 47	0.736 49
48 in. (6 in. Inlet)	Throw (ft.)	H	9-14-21	11-16-23	12-17-24	14-18-26	15-19-27	16-20-28	17-21-30	18-22-31	18-23-32
	Throw (ft.)	V	15	16	17	18	19	20	21	22	23
	Total Pressure (in. w.g.) Sound (NC)		0.071 17	0.096 21	0.125 25	0.159 28	0.196 31	0.237 34	0.282 36	0.331 38	0.384 40
60 in. (6 in. Inlet)	Throw (ft.)	H	5-9-19	7-11-20	8-12-22	9-14-23	10-16-24	11-17-26	12-19-27	14-20-28	15-20-29
	Throw (ft.)	V	16	17	18	19	20	21	22	23	24
	Total Pressure (in. w.g.) Sound (NC)		0.056 -	0.077 19	0.100 22	0.127 26	0.157 28	0.190 31	0.226 33	0.265 36	0.307 38

2 Slot

Flow Rate (cfm)			190	220	250	280	310	340	370	400	430
36 in. (6 in. Inlet)	Throw (ft.)	H	14-19-27	16-20-29	18-22-30	19-23-32	20-24-34	20-25-35	21-26-37	22-27-38	23-28-40
	Throw (ft.)	V	19	20	21	23	24	25	26	27	28
	Total Pressure (in. w.g.) Sound (NC)		0.120 25	0.161 29	0.208 33	0.261 36	0.320 39	0.385 41	0.455 43	0.532 45	0.615 47
48 in. (8 in. Inlet)	Throw (ft.)	H	10-16-22	12-17-24	14-18-26	15-19-27	16-20-29	17-21-30	18-22-31	19-23-32	19-24-34
	Throw (ft.)	V	16	17	18	19	20	21	22	23	24
	Total Pressure (in. w.g.) Sound (NC)		0.049 -	0.066 17	0.086 20	0.107 23	0.132 26	0.158 28	0.188 31	0.219 33	0.253 35
60 in. (10 in. Inlet)	Throw (ft.)	H	8-12-18	9-14-20	11-15-21	12-16-22	13-16-23	14-17-24	15-18-25	15-19-26	16-19-27
	Throw (ft.)	V	13	14	15	16	17	18	18	19	20
	Total Pressure (in. w.g.) Sound (NC)		0.026 -	0.034 -	0.045 -	0.056 -	0.068 17	0.082 19	0.098 21	0.114 23	0.132 25

3 Slot

Flow Rate (cfm)			220	250	280	310	340	370	400	430	460
36 in. (8 in. Inlet)	Throw (ft.)	H	12-17-29	13-20-30	15-22-32	16-24-34	18-25-36	19-26-37	21-27-39	23-28-40	24-29-41
	Throw (ft.)	V	18	19	20	21	22	23	24	25	26
	Total Pressure (in. w.g.) Sound (NC)		0.059 15	0.076 19	0.096 22	0.117 25	0.141 27	0.167 29	0.196 32	0.226 33	0.259 35
48 in. (10 in. Inlet)	Throw (ft.)	H	7-14-23	10-16-24	12-17-26	13-19-27	14-20-28	15-21-29	17-22-31	18-22-32	19-23-33
	Throw (ft.)	V	12	13	14	15	16	16	17	18	18
	Total Pressure (in. w.g.) Sound (NC)		0.028 -	0.037 -	0.046 -	0.056 -	0.068 17	0.080 19	0.094 21	0.108 23	0.124 25
60 in. (10 in. Inlet)	Throw (ft.)	H	5-11-17	6-13-18	8-14-19	9-14-20	11-15-21	13-16-22	13-16-23	14-17-24	14-17-24
	Throw (ft.)	V	7	8	9	10	10	11	12	13	14
	Total Pressure (in. w.g.) Sound (NC)		0.023 -	0.030 -	0.037 -	0.045 -	0.055 -	0.065 17	0.076 19	0.087 21	0.100 23

4 Slot

Flow Rate (cfm)			280	320	360	400	440	480	520	560	600
36 in. (8 in. Inlet)	Throw (ft.)	H	13-20-30	15-23-32	17-24-34	19-26-36	21-27-38	23-28-40	24-29-41	25-30-43	26-31-44
	Throw (ft.)	V	19	20	22	23	24	25	26	27	28
	Total Pressure (in. w.g.) Sound (NC)		0.075 19	0.098 23	0.124 26	0.153 29	0.185 31	0.220 34	0.258 36	0.299 38	0.344 40
48 in. (10 in. Inlet)	Throw (ft.)	H	7-13-25	9-14-26	11-16-28	12-18-29	13-20-31	14-22-32	6-23-34	17-25-35	18-26-36
	Throw (ft.)	V	13	15	16	16	17	18	19	19	20
	Total Pressure (in. w.g.) Sound (NC)		0.035 -	0.046 -	0.058 15	0.071 18	0.086 21	0.103 23	0.120 25	0.140 27	0.160 29
60 in. (10 in. Inlet)	Throw (ft.)	H	3-7-14	4-8-16	5-9-18	6-10-20	8-11-23	8-12-25	9-13-26	10-14-27	10-15-28
	Throw (ft.)	V	9	10	11	12	13	14	15	15	16
	Total Pressure (in. w.g.) Sound (NC)		0.029 -	0.038 -	0.048 -	0.060 16	0.072 19	0.086 21	0.101 23	0.117 25	0.134 27

Performance Notes:

- Tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
- Horizontal (H) and vertical (V) throw values are measured in feet for terminal velocities of 150 fpm (minimum), 100 fpm (middle) and 50 fpm (maximum). Spread is the maximum width of the jet defined by the above terminal velocities.
- Throw values are based on full-open, one direction.
- Throw data is based on supply air and room air being at isothermal conditions.
- The NC values are based on a room absorption of 10 dB, re 10⁻¹² watts and one diffuser. The NC values are 10 lower with vertical projection.
- All pressures are in in. w.g.
- Spread and throw data applies to Models SDB and SDBI only.
- Blanks "-" indicate an NC level below 15.
- Associated SDS diffuser must be specified and ordered as a separate item.