



MODEL DBD-66 SUPPLY PERFORMANCE DATA

6-Sided, 6-Way Throw with Double Deflection Grilles

GRILLE SIZE	CFM	Pt	THROW	NC
18 x 8	900	0.04	8-13-20	<20
	2700	0.06	15-23-33	<20
	4500	0.14	30-23-43	31
20 x 12	4000	0.04	12-16-39	<20
	5750	0.08	26-36-51	24
	7500	0.14	34-41-58	33
26 x 12	6000	0.06	24-36-52	<20
	8000	0.09	31-41-60	26
	10000	0.15	38-47-66	33
32 x 15	9500	0.08	29-45-65	21
	12250	0.12	39-52-74	28
	15000	0.16	47-58-82	35
33 x 20	13000	0.09	35-52-75	22
	17000	0.12	46-60-86	30
	21000	0.18	56-69-96	37
39 x 22	18000	0.10	42-62-88	25
	23000	0.15	55-71-100	33
	28000	0.19	64-78-109	38
45 x 24	23000	0.12	48-71-102	26
	29000	0.15	60-80-114	32
	35000	0.19	73-89-126	40
45 x 30	30000	0.13	57-79-111	30
	37500	0.16	72-89-127	38
	45000	0.22	80-98-135	43
48 x 38	40000	0.12	64-92-133	30
	50000	0.16	81-105-149	37
	60000	0.21	96-120-165	43

CORRECTION FACTOR

Deflection	Pt	Throw	NC
22.5°	x 1.15	x .85	+ 2
45°	x 1.75	x .73	+ 7

Pt – Total Pressure, inches w.g.

NC – Noise Criteria based on room attenuation of 10 dB

Throw – Distance, in feet, to terminal velocities of 150, 100, 50 fpm under isothermal conditions

PERFORMANCE NOTES:

– Pt, throw and NC are based on 0° deflection.

Correction factors for other conditions are listed above.

– Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 - 2006.

– Consult factory for performance when a damper is included.