MODEL DBD-44-DL SUPPLY PERFORMANCE DATA

4-Sided, 4-Way Throw with Drum Louvers

DRUM LOUVER SIZE	CFM	Pt	THROW	NC
18 x 6	600	0.08	12-16-27	<20
	1,800	0.18	21-27-45	20
	3,000	0.41	31-42-70	35
18 x 10	3,000	0.17	29-38-58	30
	4,000	0.27	34-44-74	33
	5,000	0.33	40-52-84	42
24 x 10	5,000	0.25	36-48-76	32
	6,000	0.32	44-54-94	43
	7,000	0.40	50-65-100	47
30 x 12	7,000	0.29	40-60-100	30
	8,500	0.33	45-65-110	32
	10,000	0.45	54-75-125	39
30 x 15	10,000	0.26	45-64-110	29
	12,500	0.36	54-75-130	35
	15,000	0.52	73-102-150	42
36 x 15	15,000	0.38	59-82-120	40
	17,500	0.47	66-94-160	43
	20,000	0.57	75-105-180	47
48 x 15	20,000	0.39	75-105-175	40
	22,500	0.44	80-110-190	42
	25,000	0.51	90-130-220	45
60 x 15	25,000	0.40	85-115-200	40
	27,500	0.43	90-120-210	43
	30,000	0.47	95-130-235	45
72 x 15	30,000	0.41	95-135-235	43
	35,000	0.49	108-145-265	46
	40,000	0.64	120-170-300	50
60 x 24**	40,000 - 50,000	Consult Factory		
72 x 24**	50,000 - 60,000	Consult Factory		
72 x 30**	60,000 - 70,000	Consult Factory		

**Consists of two drum louvers stacked vertically

CORRECTION FACTOR

Deflection	Pt	Throw	NC
15°	x 1.5	x .85	+ 4
30°	x 1.9	x .73	+ 9

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.