



MODEL DBD-43-DL SUPPLY PERFORMANCE DATA

4-Sided, 3-Way Throw with Drum Louvers

DRUM LOUVER SIZE	CFM	Pt	THROW-FRONT	THROW-SIDES	NC
36 x 6 18 x 6	600	0.09	20-26-40	12-16-27	>20
	1,800	0.21	32-41-64	21-27-45	24
	3,000	0.38	44-55-90	31-42-70	39
36 x 10 18 x 10	3,000	0.19	40-55-90	27-38-58	30
	4,000	0.27	50-68-105	34-44-74	40
	5,000	0.39	58-78-117	40-52-85	50
48 x 10 24 x 10	5,000	0.25	54-75-112	33-44-70	38
	6,000	0.35	60-80-120	44-54-94	45
	7,000	0.44	66-90-140	50-65-100	52
48 x 12 24 x 12	7,000	0.36	59-88-135	42-60-105	38
	8,500	0.48	75-100-170	52-72-120	45
	10,000	0.68	86-115-200	65-85-140	50
60 x 15 30 x 15	10,000	0.47	76-105-180	47-68-115	40
	12,500	0.36	90-120-210	60-84-140	41
	15,000	0.44	100-135-240	66-94-160	46
72 x 15 36 x 15	15,000	0.38	95-132-235	57-82-140	41
	17,500	0.46	100-140-250	62-88-150	45
	20,000	0.61	125-170-305	72-100-175	50
96 x 15 48 x 15	22,500	Consult Factory			
72 x 24 36 x 24	27,500	Consult Factory			
72 x 30 36 x 30	35,000	Consult Factory			

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.