



MODEL DBD-33-DL SUPPLY PERFORMANCE DATA

3-Sided, 3-Way Throw with Drum Louvers

DRUM LOUVER SIZE	CFM	Pt	THROW	NC
18 x 10	600	0.08	15-20-32	<20
	1,800	0.14	21-28-45	<20
	3,000	0.25	34-44-74	33
24 x 10	3,000	0.23	30-42-64	23
	4,000	0.29	35-46-74	34
	5,000	0.43	47-60-97	45
36 x 10	5,000	0.31	44-60-100	35
	6,000	0.38	50-68-105	40
	7,000	0.47	56-76-115	47
42 x 10	7,000	0.41	54-72-110	42
	8,500	0.52	60-80-120	48
	10,000	0.66	66-86-140	55
48 x 12	10,000	0.49	58-78-125	38
	12,500	0.64	75-100-170	45
	15,000	0.80	80-110-190	50
54 x 15	15,000	0.50	72-100-175	35
	17,500	0.59	80-112-195	40
	20,000	0.71	95-130-225	44
60 x 15	20,000	0.56	85-115-200	42
	22,500	0.65	100-135-240	46
	25,000	0.76	110-150-260	50

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.