



USAIRE

Performance Data

MODEL RHTB

Model RHTB

Bar Type Fixed Blade Return

Size	Area	Inlet	200	300	400	500	600	700	800	900	1000
		Velocity									
	Ak	PS	.005	.011	.020	.031	.045	.061	.080	.101	.125
24x12	2.00	CFM	400	600	800	1000	1200	1400	1600	1800	2000
	1.96	NC	<15	19	23	26	32	34	36	38	40
24x24	4.00	CFM	800	1200	1600	2000	2400	2800	3200	3600	4000
	3.92	NC	17	22	26	29	32	35	37	39	41
48x24	8.00	CFM	1600	2400	3200	4000	4800	5600	6400	7200	8000
	7.84	NC	20	25	29	32	35	38	40	42	44

Notes

All Units have been tested in accordance with ANSI / ASHRAE 70-2006. Data in table is derived from such testing

Ps - Static pressure required to obtain listed cfm, units of inches water gauge (in. wg.)

NC- Calculated noise criteria using 10 dB per octave room attenuation (dimensionless).

Throw - Non-isothermal throw, in feet, for a terminal velocity of 50 fpm

Inlet Velocity = fpm (Feet Per Minute)

For sizes not shown, refer to online tools **GRD Selection Program** performance calculator on Home Page