



USAIRE

P e r f o r m a n c e D a t a

MODEL 1410FTB

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Stamped Face Return Air Filter Grille - T-Bar

Size	Area Ak	Inlet Velocity	200	300	400	500	600	700	800	900	1000
		PS	.004	.008	.014	.022	.032	.044	.057	.072	.089
20x20	2.78	CFM	556	833	1111	1389	1667	1944	2222	2500	2778
	2.72	NC	22	26	32	37	43	50	56	63	>65

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

For reverse size grilles use the performance as per the example below:

Example: 10 X 24 use the performance for a 24 X 10

Inlet Velocity = fpm (Feet Per Minute)

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