

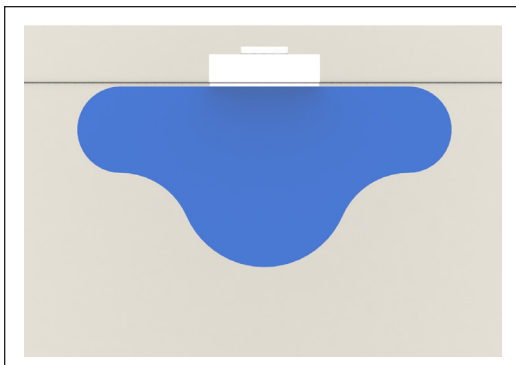
TRITEC, TRITEC-AL AND TRITEC-SS

Module Size and Inlet Size	2-Way Pattern				Horizontal Spread (ft)			Vertical Throw (ft)								
								5 Deg ΔT			10 Deg ΔT			15 Deg ΔT		
	cfm	Ps	Pt	Nc	100-75-50			100-75-50			100-75-50			100-75-50		
24" X 24" 8" Inlet	250	0.055	0.087	25	1	2	5	1	2	3	1	2	3	1	2	4
	300	0.080	0.126	29	2	3	6	1	3	4	1	2	4	2	3	5
	400	0.142	0.224	37	3	5	7	3	3	5	2	4	5	3	5	7
	500	0.222	0.350	42	5	6	8	3	4	5	3	5	7	4	6	8
24" X 24" 10" Inlet	250	0.026	0.039	<20	1	1	3	0	1	2	0	1	2	1	1	2
	300	0.037	0.056	20	1	2	4	1	1	2	1	1	3	1	1	3
	475	0.093	0.140	31	3	5	7	1	3	6	2	3	6	2	4	7
	600	0.148	0.224	37	4	6	9	2	4	8	3	5	8	3	6	9
24" X 48" 10" Inlet	375	0.054	0.084	<20	3	4	6	0	1	1	1	1	2	1	1	2
	500	0.097	0.149	26	4	6	9	1	1	3	1	2	4	1	2	4
	700	0.190	0.292	39	6	8	10	1	2	5	2	4	6	2	4	7
	900	0.313	0.483	48	8	10	12	2	4	7	3	5	8	3	6	9
24" X 48" 12" Inlet	500	0.054	0.080	20	1	2	4	1	1	2	1	1	3	1	2	4
	650	0.092	0.135	24	2	3	7	1	2	4	1	2	5	2	3	6
	750	0.122	0.179	34	2	4	9	1	2	5	2	3	6	2	4	7
	1000	0.218	0.319	44	4	7	11	2	4	6	3	5	8	4	6	9
Module Size and Inlet Size	1-Way Pattern				Horizontal Spread (ft)			Vertical Throw (ft)								
								5 Deg ΔT			10 Deg ΔT			15 Deg ΔT		
	cfm	Ps	Pt	NC	100-75-50			100-75-50			100-75-50			100-75-50		
24" X 24" 8" Inlet	250	0.055	0.087	<20	1	2	3	0	0	1	1	1	2	1	1	3
	325	0.094	0.148	29	2	3	4	0	1	2	1	2	4	1	2	5
	400	0.142	0.224	35	3	3	4	1	1	3	2	3	6	2	4	8
	450	0.179	0.283	38	3	4	4	1	1	3	2	3	9	3	5	9
24" X 24" 10" Inlet	250	0.025	0.038	<20	1	2	4	1	1	3	1	1	3	2	3	7
	350	0.049	0.075	22	3	4	6	1	2	5	2	3	6	4	6	9
	450	0.081	0.123	28	4	5	7	2	4	6	3	5	7	6	8	9
	550	0.121	0.184	34	4	6	8	3	5	7	4	6	9	7	9	9
24" X 48" 10" Inlet	500	0.092	0.144	24	1	2	3	1	2	4	1	2	4	3	6	9
	625	0.143	0.225	32	2	2	4	2	3	5	2	3	6	5	8	9
	750	0.206	0.324	39	2	3	4	2	4	6	2	4	7	7	9	9
	900	0.297	0.467	44	3	4	6	4	5	8	4	7	9	8	9	9
24" X 48" 12" Inlet	500	0.051	0.076	<20	1	2	3	2	4	7	4	6	8	4	6	8
	650	0.086	0.129	25	2	3	4	4	6	9	6	7	9	6	7	9
	750	0.114	0.171	31	3	3	5	5	7	9	6	8	9	6	8	9
	1000	0.203	0.304	42	3	5	7	7	9	9	8	9	9	8	9	9

- Spread is the maximum width of the isovel at the indicated terminal velocity
- Vertical throw is the furthest distance below the ceiling where the indicated terminal velocity can be measured
- Tests were conducted in a 16 x 16-foot room, with a 9-foot ceiling, low side wall returns, in accordance with ASHRAE Standard 113-2013, in several planes

- Low emissivity heaters were used to maintain loads, and were set to match the supply air conditions. The room was free of obstructions during the tests.
- Sound and pressure drop tests were conducted in accordance with ASHRAE Standard 70-2006 and ANSI S1.31 Procedures

2-WAY PATTERN



1-WAY PATTERN

