

TRITECR-AL / TRITECR-SS

Module and Inlet Size	2-Way Pattern				Horizontal Spread			Vertical Throw (ft)								
					(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	150	0.19	0.20	--	1	1	2	0	1	1	0	1	2	0	1	2
	200	0.33	0.35	--	1	1	2	1	1	1	1	1	2	1	1	2
	300	0.94	0.99	28	1	2	3	1	2	2	1	2	3	1	2	3
	400	1.85	1.94	37	2	3	4	1	3	4	2	3	4	2	4	5
24" x 24" 10" Inlet	150	0.20	0.21	--	1	1	2	0	1	1	0	1	2	0	1	2
	200	0.32	0.34	--	1	1	2	1	1	1	1	1	2	1	1	2
	300	0.91	0.93	22	1	1	2	1	2	2	1	2	3	1	2	4
	400	1.78	1.82	30	1	2	3	1	3	5	2	3	5	2	4	6
48" x 24" 10" Inlet	300	0.10	0.12	--	1	1	2	0	1	1	0	1	1	0	1	2
	400	0.13	0.17	26	1	2	3	1	1	2	1	2	2	1	2	3
	500	0.30	0.36	30	2	3	4	1	2	3	1	2	3	1	3	4
	600	0.52	0.60	35	2	3	4	1	2	4	1	2	5	2	4	6
	700	0.81	0.92	39	3	4	5	2	2	5	2	3	6	2	4	6
48" x 24" 12" Inlet	400	0.10	0.14	--	0	1	2	1	1	2	1	2	2	1	2	3
	500	0.25	0.28	22	1	1	2	1	2	3	1	2	4	2	3	5
	600	0.46	0.50	25	1	2	3	1	2	4	1	2	5	2	3	6
	700	0.72	0.77	29	1	2	4	1	2	5	2	3	6	2	4	7
800	1.03	1.10	33	2	3	4	2	3	5	2	4	7	3	5	8	

Module and Inlet Size	1-Way Pattern				Horizontal Spread			Vertical Throw (ft)								
					(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	150	0.18	0.27	--	1	1	2	0	1	1	0	1	2	0	1	2
	200	0.31	0.32	--	1	2	3	1	1	2	1	2	2	1	2	3
	300	0.87	0.88	27	1	3	4	1	2	3	1	2	3	2	3	4
	400	1.71	1.72	35	2	3	4	2	3	5	2	3	5	3	4	7
24" x 24" 10" Inlet	150	0.19	0.20	--	1	1	3	0	1	1	0	1	2	1	1	2
	200	0.31	0.32	--	1	2	4	1	1	2	1	2	2	1	2	3
	300	0.87	0.88	22	2	3	5	1	2	3	1	2	4	2	3	4
	400	1.71	1.74	30	3	4	6	2	3	5	2	3	6	4	5	8
48" x 24" 10" Inlet	300	0.09	0.11	--	1	1	2	1	2	3	2	3	4	3	4	6
	400	0.12	0.16	25	1	2	3	2	4	6	3	4	6	4	5	7
	500	0.29	0.34	30	1	2	3	3	4	6	3	5	7	4	6	8
	600	0.50	0.56	34	2	2	4	3	5	7	5	6	7	5	6	8
	700	0.77	0.86	37	2	3	4	4	5	7	5	6	8	6	7	9
48" x 24" 12" Inlet	400	0.10	0.13	--	0	1	2	2	4	6	3	4	6	4	5	7
	500	0.24	0.27	22	1	2	3	3	4	7	4	5	7	4	6	8
	600	0.45	0.47	25	2	3	4	5	7	5	6	8	5	7	9	9
	700	0.69	0.73	28	3	3	5	4	6	8	6	7	9	6	8	9
800	0.99	1.04	31	3	4	5	5	7	8	6	8	9	7	9	10	

- Spread is the maximum width of the isovel from the diffuser centerline at the indicated terminal velocity
- Vertical throw is the furthest distance below the ceiling where the indicated terminal velocity can be measured
- Static pressure and total static pressure data includes initial resistance of HEPA-R filter with 2" media pack

- 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