

Performance Data

5180 Series

24x24 Module Size 8" dia inlet @ ΔT - 10°F

Airflow CFM	Pt	Ps	NC	T Horizontal Throw @			T Vertical Throw @		
				100 FPM	75 FPM	50FPM	100 FPM	75 FPM	50FPM
300	0.114	0.068	21	2.0	2.5	3.5	3.5	4.0	5.0
400	0.203	0.121	29	2.5	3.5	4.0	4.0	4.5	6.0
500	0.317	0.189	36	3.0	3.5	4.5	4.5	5.0	7.0

48x24 Module Size 12" dia inlet @ ΔT - 10°F

Airflow CFM	Pt	Ps	NC	T Horizontal Throw @			T Vertical Throw @		
				100 FPM	75 FPM	50FPM	100 FPM	75 FPM	50FPM
600	0.082	0.046	21	1.5	2.5	3.5	3.0	4.0	6.0
800	0.146	0.081	30	2.0	3.0	4.0	3.5	5.0	7.5
1000	0.228	0.127	38	2.5	3.0	4.5	4.5	6.0	8.5

48x12 Module Size 8" dia inlet @ ΔT - 10°F

Airflow CFM	Pt	Ps	NC	T Horizontal Throw @			T Vertical Throw @		
				100 FPM	75 FPM	50FPM	100 FPM	75 FPM	50FPM
300	0.125	0.079	22	1.5	2.0	3.0	1.0	1.5	2.0
400	0.221	0.139	30	2.0	2.5	3.5	2.0	2.5	3.5
500	0.346	0.218	37	2.5	3.5	4.5	2.5	3.0	4.0

Performance Notes:

1. The radial flow pattern of the 5180 is unlike conventional air distribution devices. The data presented above describes isovels by average terminal velocity in both horizontal and vertical directions.
2. ΔT is the temperature difference between supply and room air. Testing is based on 10°F cooling.
3. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006.