



		Perceived cooling degrees	Diameters of coverage					Fan diameter
Area of Influence	m/s (fpm)	°C (°F) DeltaET*	Area of Influence diameters in meters (ft)					
			2440mm (8 ft)	3660mm (12 ft)	4880mm (16 ft)	6100mm (20 ft)	7320mm (24 ft)	
A1	2.8 m/s (550 fpm)	6 to 8°C (11 to 14°F)	2.4m (8 ft)	3.7m (12 ft)	4.9m (16 ft)	6.1m (20 ft)	9.8 (32 ft)	
A2	1.3 m/s (250 fpm)	3 to 5°C (5 to 9°F)	4.5m (15 ft)	9.1m (30 ft)	12.2m (40 ft)	13.0m (43 ft)	15.2m (50 ft)	
A3	0.9 m/s (175 fpm)	3 to 4°C (6 to 8°F)	6.0m (20 ft)	15.0m (49 ft)	18.0m (60 ft)	30.0m (100 ft)	36.0m (120 ft)	
A4	0.5 m/s (100 fpm)	2 to 3°C (4 to 5°F)	45.0m (148 ft)	48.0 (157 ft)	55.4 (182 ft)	57.9m (190 ft)	58.0m (190 ft)	

* DeltaET is the perceived temperature drop due to air velocity and is based on data supplied by ASHRAE standard 55-2010.
Note: Industrial fans were tested at a mounting height of 30 ft off grade and Commercial fans were tested at 15 ft off grade.

BladeTec Commercial HVLS Fan

Area of Influence	m/s (fpm)	°C (°F) DeltaET*	Area of Influence diameters in meters (ft)		
			2440mm (8 ft)	3050mm (10 ft)	3660mm (12 ft)
A2	2.0 m/s (400 fpm)	5 to 7°C (9 to 13°F)	2.4m (8 ft)	3.0m (10 ft)	3.7m (12 ft)
A3	0.9 m/s (175 fpm)	3 to 4°C (6 to 8°F)	3.0m (10 ft)	4.6m (15 ft)	6.0m (20 ft)
A4	0.5 m/s (100 fpm)	2 to 3°C (4 to 5°F)	18.0m (60 ft)	24.4m (80 ft)	30.4m (100 ft)