

SPECIFICATIONS

General Information

- 4 x EC Fans for 100% variable airflow supply and redundancy
- Three probes for accurate temp control
- Visual user interface for set point control
- Supports 0-16kW IT Load at 0.0" H2O
- Consumes < 255 W at 100% fan speed
- 23.1"x26.7"x4" for use in 7.5" FFH or Greater
- Fan speeds infinitely variable 0-100%

OPTIONS

- 100-120V Unit (TatePN: 16886)
 - FLA: 2.3A; MCA: 2.9A
 - MOCP: 15A
- 200-240V Unit (TatePN: 16633)
 - FLA: 1.2A; MCA: 1.5A
 - MOCP: 15A

INCLUDED COMPONENTS

- PowerAire® Quad- M
- 4 x Tool-less String Hangers
- 4 x Alternative Corner Lock Hangers
- 3 x Temperature Monitoring Probes and Control Cable
- Zip Ties
- 6' Power Cord (100-120V or 200-240V) (IEC C14 inlet)

AIRFLOW PANEL OPTIONS

- DirectAire® AI
- DirectAire®
- DirectAire® X2

UNDERSTRUCTURE OPTIONS

- 24" Bolted Steel System
- 48" Bolted Steel System

PowerAire® Power Feed	
Voltage	Outlet Required
100-120V	NEMA 5-15R
200-240V	NEMA L6-15R



Alternative Corner Lock Hangers



User set point control, display for Rack Face Temperature



4 x Redundant Energy Efficient EC Fans with 0-100%

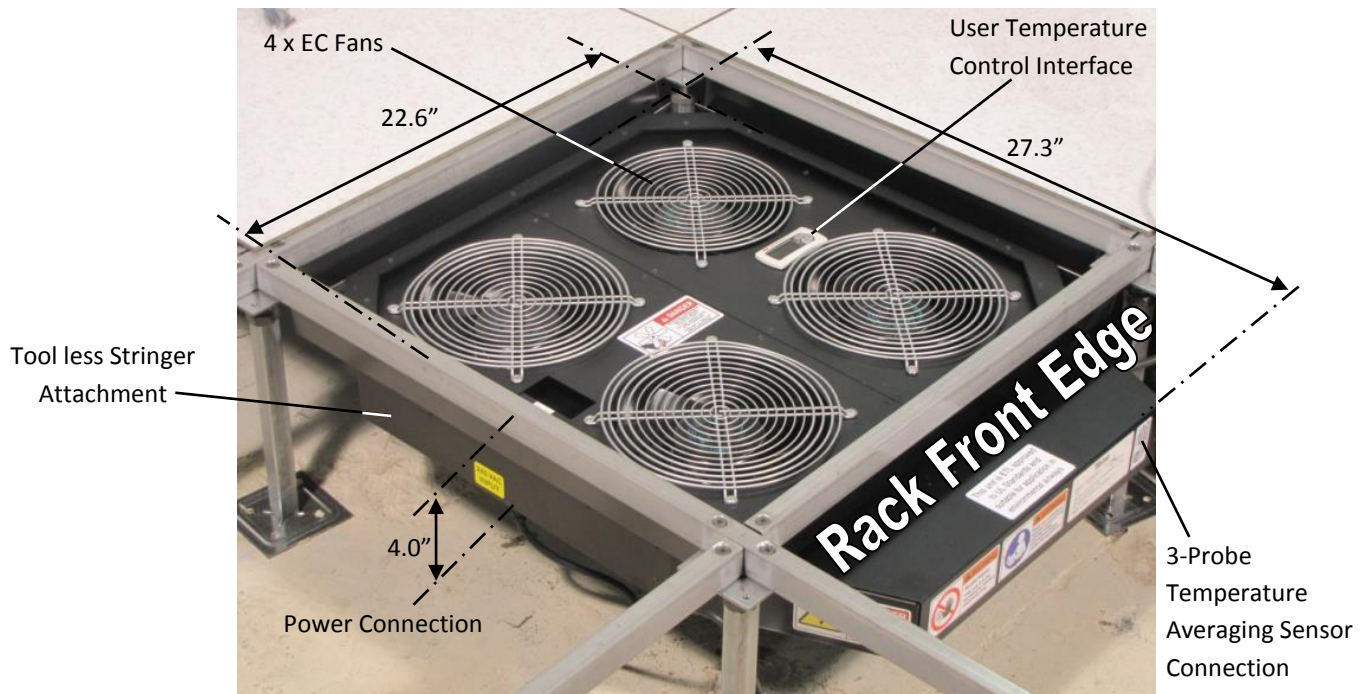


Temperature Sensor Control Cable Probe Connection

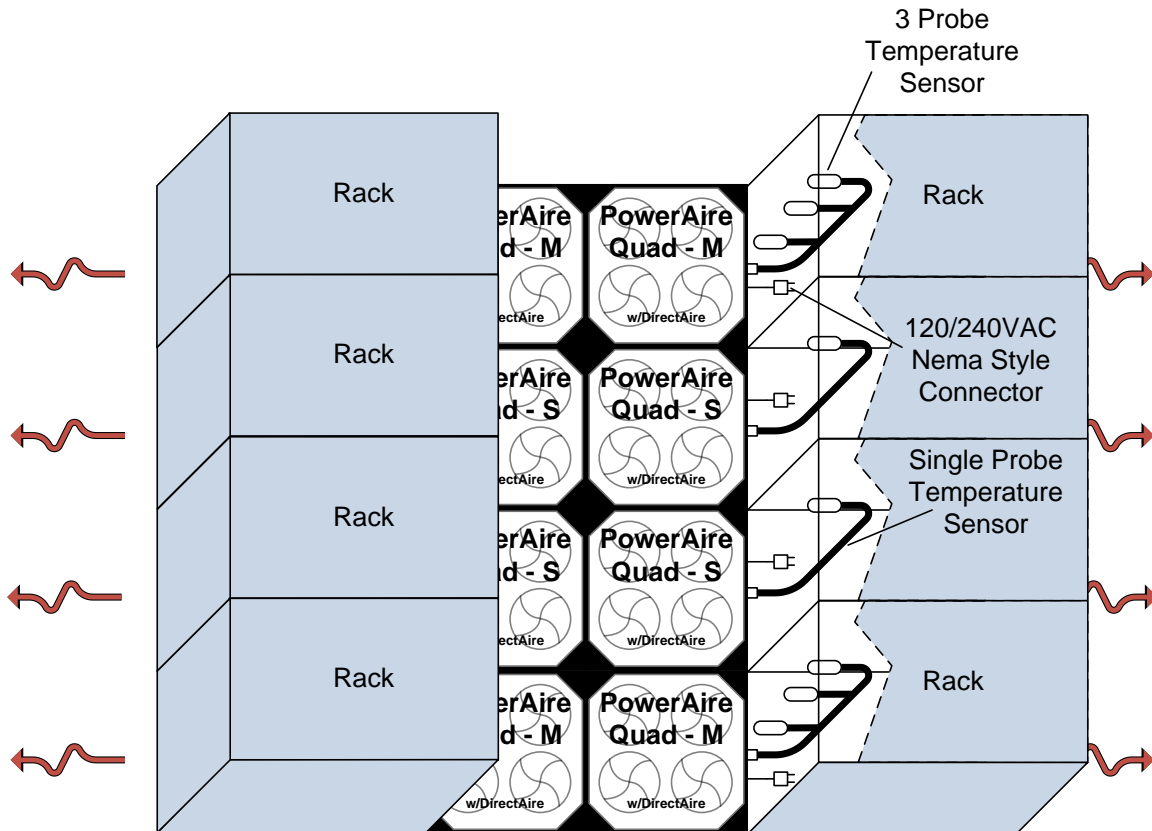
PERFORMANCE

Static Pressure (in. wc)	PowerAire® Quad w/ DirectAire®		PowerAire® Quad w/ DirectAire® AI	
	CFM @ 100% Power	CFM @ 0% Power	CFM @ 100% Power	CFM @ 0% Power
-0.08	1695	\	1710	\
-0.06	1806		1815	
-0.05	1856		1862	
-0.04	1902		1920	
-0.02	1978		1992	
0.00	2000		2020	
0.02	2012		254	
0.04	2061	365	2110	340
0.05	2086	411	2106	380
0.06	2111	452	2140	470
0.08	2158	525	2130	570
0.1	2199	590	2158	722
0.12	2235	648	2169	809
0.14	2263	702	2290	910
0.16	2284	752	2290	980
0.18	2297	799	2319	1067
0.2	2303	844	2325	1140

INSTALLATION



WIRING DIAGRAM



Note: PowerAire® Quad –S for use within the interior portion of an aisle.