

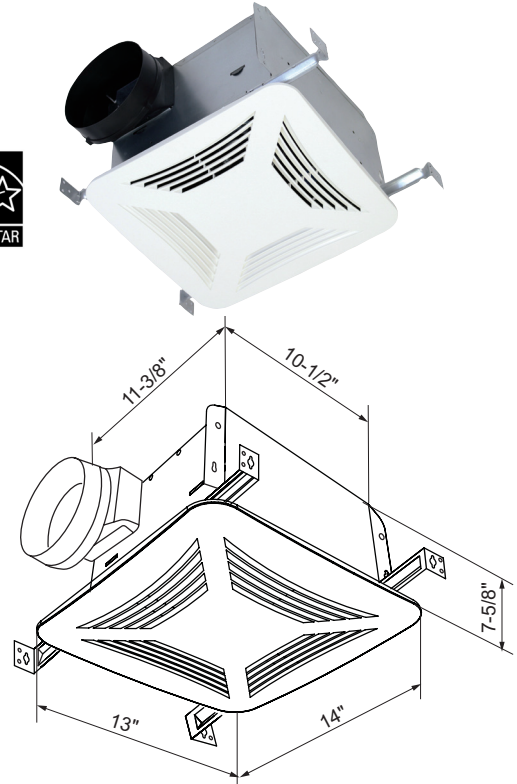


PCD110XIAQS - Premium Choice with DC Motor

(Ceiling Mounted Ventilation Fans)

Performance & Dimensions

CFM @ 0.1" SP	90	110	120	140
CFM @ 0.25" SP	51	78	91	113
Sones @ 0.1" SP	0.5	0.9	1.2	1.5
Watts @ 0.1" SP	8.1	10.3	12.2	15.6
Energy Efficiency (CFM/Watt)	11.1	10.7	9.8	9.0
Amps	.16	.18	.22	.23
Sensor	Built-in VOC and Humidity Sensor			
Duct Connector Diameter (in)	6"			
Grille Size (in)	13" x 14"			
Dimensions (w x d x h) (in)	11-3/8" x 10-1/2" x 7-5/8"			



Features:

- Detects VOCs and/or rapid rise in humidity
- Semiconductor gas sensor, detecting a wide range of VOCs
- Monitoring range is 400-2000 ppm equivalent CO₂
- Senses humidity at ceiling level
- Field adjustable humidity sensitivity with 50-100% range. Factory setting is 75%
- Continuous speed control to run fan continuously
- Integrated control switch to turn features on and off

Typical Specifications:

Ventilating fan shall be S&P PCD110XIAQS mounted in the ceiling with built-in VOC and humidity sensors. The fan shall have a 6-year limited warranty. The fan shall be HVI Certified at 0.1 inch water gauge for CFM performance above. The fan shall be ENERGY STAR® qualified. The motor shall be ETL and cETL Listed with impedance protection plus additional thermal protection.

Optional Accessories:

- Lighted Grille (CFL or LED)
- Metal Grille
- Radiation Damper

Detectable gases*:

- Ammonia
- Acetone
- Benzene
- Carbon Monoxide
- Ethylene glycol
- Formaldehyde
- Methylene chloride
- Perchloroethylene
- Toluene
- Xylene
- 1,3-butadiene
- and others
- Equivalent Carbon Dioxide CO₂(equiv)
 - 0V 400ppm CO₂(equiv)
 - 1V 720ppm CO₂(equiv)
 - 2V 1040ppm CO₂(equiv)
 - 3V 1360ppm CO₂(equiv)
 - 4V 1680ppm CO₂(equiv)
 - 5V 2000ppm CO₂(equiv)

*The sensor must not be exposed to high concentrations of organic solvents, ammonia, silicone vapor or cigarette-smoke in order void poisoning the sensitive layer.