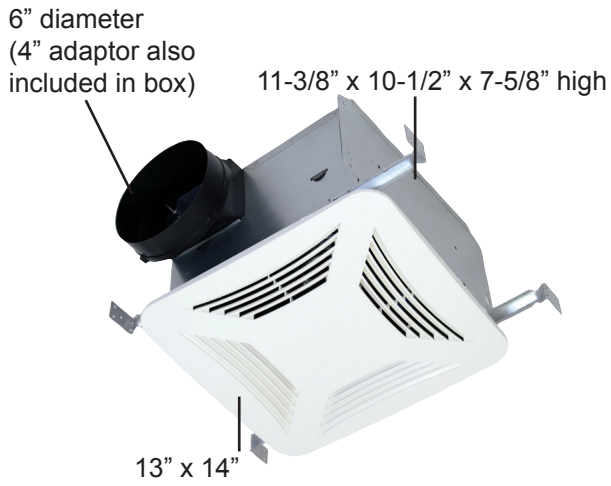
PCD110IAQS - Premium Choice with DC Motor

(Ceiling Mounted Ventilation Fans)

Performance & Dimensions

CFM @ 0.1" SP	4" Duct	80	90	110	120
	6" Duct	90	110	120	140
CFM @ 0.25" SP	4" Duct	50	63	77	87
	6" Duct	64	77	89	100
Sones @ 0.1" SP	4" Duct	0.7	0.7	1.0	1.2
	6" Duct	0.3	0.5	0.8	1.1
Watts @ 0.1" SP	4" Duct	5.5	7	11.5	13
	6" Duct	5.5	10	11.5	14.5
Energy Efficiency (CFM/Watt)	4" Duct	14.5	12.9	9.6	9.2
	6" Duct	16.4	11	10.4	9.7
Amps		.16	.18	.22	.23
ENERGY STAR Qualified		Yes			
Duct Connector Diameter (in)		4" or 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
- Meets CALGreen Bathroom Fan Requirement

Typical Specifications:

Ventilating fan shall be S&P PCD110IAQS mounted in the ceiling with built-in VOC and humidity sensors. The DC motor shall have a 6 year warranty, and the fan shall have a 5 year limited warranty. The fan shall be HVI Certified at 0.1 inch water gauge for CFM performance above. The motor shall be ETL and cETL Listed with impedance protection plus additional thermal protection. The fan shall be ENERGY STAR® Qualified.

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)

For more information contact us at www.solerpalau-usa.com or 1.800.961.7370 for additional submittal drawings. Soler & Palau will not be responsible for fabrication changes or errors resulting from customer use of a non-current submittal drawing.

*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.