

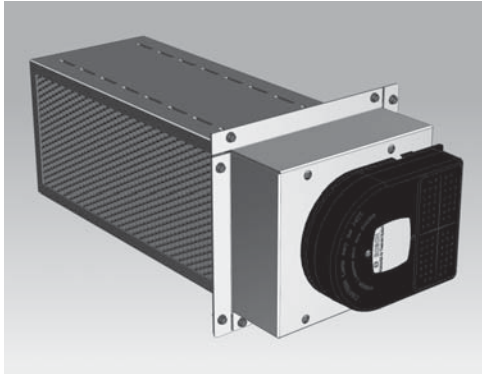
Bosch IAQ Series Photo Catalytic Oxidizer

Engineering
Submittal
Sheet

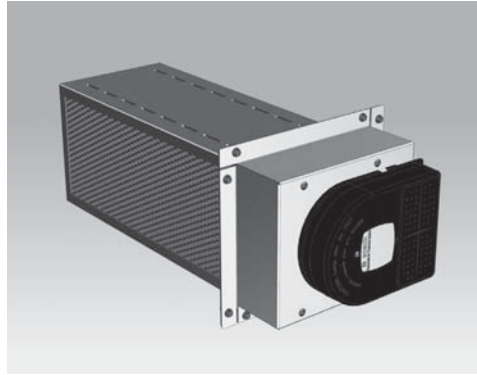


BOSCH

Models and Description



PCOB-14024-0--A



PCOB-09012-0--A



| Bosch Model | Description |
|-----------------|------------------------------|
| PCOB-14024-0--A | 14" Photo Catalytic Oxidizer |
| PCOB-09012-0--A | 9" Photo Catalytic Oxidizer |

Engineering Specifications

The Photo-Catalytic Oxidizer (PCO) is part of Bosch's IAQ Series of products and strategy of Control-Filtration-Refresh. The PCO is available in 9" and 14" sizes. The PCO has an electrical rating of 120VAC/60 Hz. The 14" PCO comes equipped with a 60 Watt bulb. The 9" PCO comes equipped with a 18 Watt Bulb. Both models come equipped with a 6 foot electrical plug in cord.

INSTALLATION

The PCO shall be installed in either the supply or return duct of the HVAC air distribution system. PCO must not be installed within 30" of any material that could potentially degrade when exposed to UV light.

OPERATION

The 9" PCO shall provide 4 air changes/hr up to 1,500 CFM and be adequate for up to 2,000 sq. ft. The 14" PCO shall provide 4 air changes/hr up to 2,500 CFM and be adequate for up to 4,700 sq. ft.

WARRANTY

The base components come with a 5-year limited warranty, 2-year limited warranty with the ballast, and 1-year limited warranty on the UV light bulb.

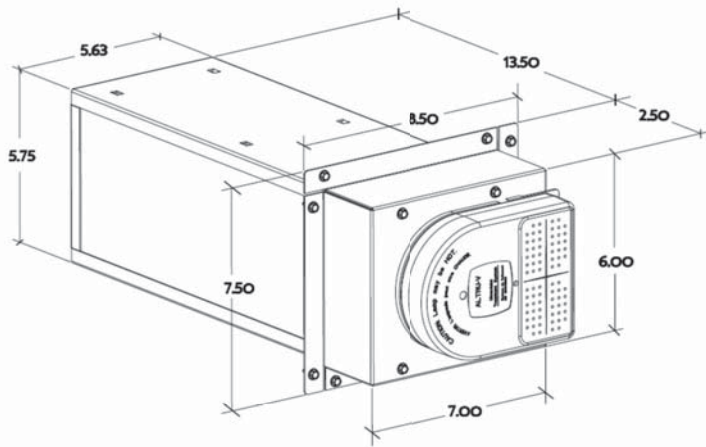
Bosch IAQ Series Photo Catalytic Oxidizer



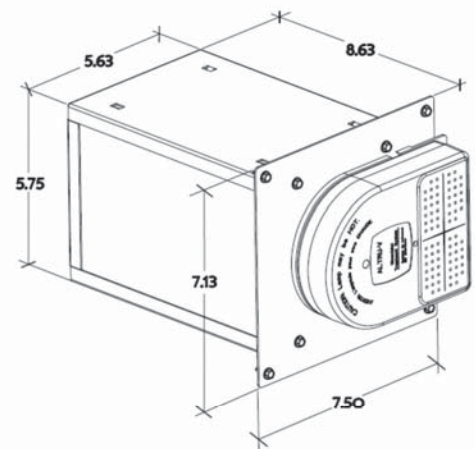
| General Data | | |
|-------------------------------------|------|------------|
| | Unit | Value |
| PCOB-14024-0--A - Bosch part number | - | 7738002880 |
| PCOB-09012-0--A - Bosch part number | - | 7738002879 |

| Operational Data | | |
|------------------------|--------|----------|
| | Unit | Value |
| PCOB-14024-0--A | | |
| Size | Inch | 14 |
| Electrical | V / Hz | 120 / 60 |
| Bulb wattage | W | 60 |
| Max air flow | CFM | 2,500 |
| PCOB-09012-0--A | | |
| Size | Inch | 9 |
| Electrical | V / Hz | 120 / 60 |
| Bulb wattage | W | 18 |
| Max air flow | CFM | 1,500 |

Photo Catalytic Oxidizer Dimensions

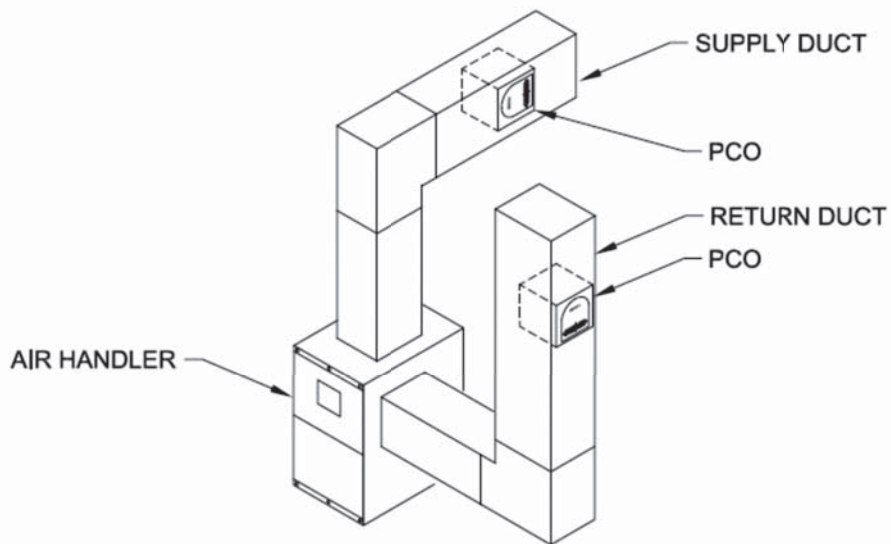


PCOB-14024-0--A



PCOB-09012-0--A

PCO Installation Locations



PCO Replacement Parts

| Description | Bosch Part Number |
|--|-------------------|
| 9" Replacement Bulb - 18 W | 7738002881 |
| 14" Replacement Bulb - 60 W | 7738002882 |
| 9" Ballast, Plastic Plate, and Bulb | 7738002883 |
| 14" Ballast, Plastic Plate, and Bulb | 7738002884 |
| 9" PCO Titanium Honeycomb Replacement | 7738002990 |
| 14" PCO Titanium Honeycomb Replacement | 7738002991 |