CEILING AIR PURIFICATION SCRUBBER — IONIZATION PRODUCT SUBMITTAL

APPLICATION

The Ceiling Air Purification Scrubber is a complete air purification system integrating multilayer filtration, air purification, sterilization and air ionization. The unit contains several technologies including a washable pre-filter, electrostatic precipitator, HEPA filter, activated carbon filter, UVC lamps, photo-catalytic oxidizer, and a bipolar ion generator. Unit is manufactured from galvanized sheet metal and is designed to mount flush in a 24" X 24" hung ceiling grid using the included mounting hardware. It comes complete with a three-speed fan operating at low sound levels and four way modulating supply air outlets. There is even a wireless remote control for convenient operation of the air purification unit.

SPECIFICATIONS

Housing Material . . . . . Galvanized sheet metal
Dimensions . . . . . .25.5" X 25.5" X 13.2"
Weight . . . . . .46 lbs
Mounting . . . . . (4) side brackets for threaded rod
Face Panel Color . . . . . .Pearl White

Fan/Motor:

Fan Type . . . . . .Centrifugal
Motor Drive. . . . . Direct
Airflow . . . . . 350 CFM (High)
. . . . . 235 CFM (Med)
. . . . . 150 CFM (Low)
Noise Level . . . . . 48 Db (High)
. . . . . 42 Db (Med)
. . . . . 37 Db (Low)

Electrical:

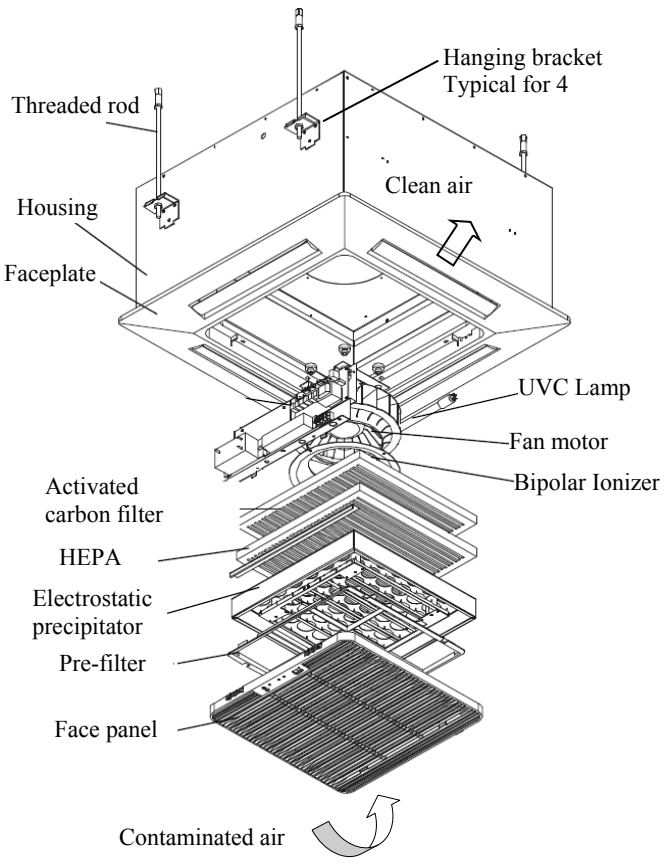
Voltage . . . . . 120V or 230V AC
Frequency . . . . . 60 Hertz
Power Consumption . . . . . 155 Watts
Max. Operating Temperature 140F

Replacement Components . . . . . .HEPA Filter
. . . . . .UVC Lamps
. . . . . .Carbon Filter

Design Schematic . . . . . See Figure 1

Figure 1

Design Schematic



Ceiling Air Purification Scrubber
Drawings Not To Scale

PLASMA AIR INTERNATIONAL
35 MELROSE PLACE STAMFORD, CT 06902 203 662 0800 PHONE 203 662 0808 FAX
www.plasma-air.com info@plasma-air.com