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

Ceiling Air Purification Scrubber
Drawings Not To Scale