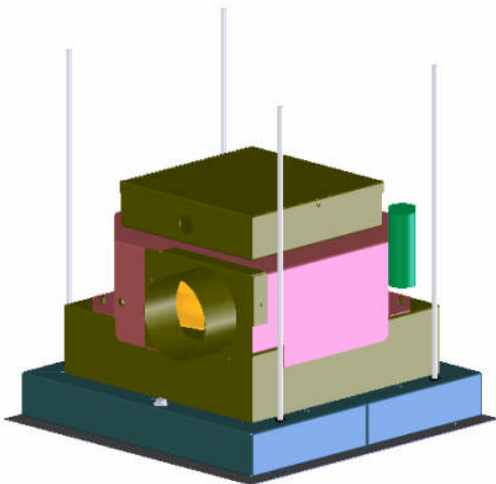# AeroMed® 100C
Ceiling Mount Air Purifier

AeroMed

General Overview

The AeroMed® 100C is a low profile air purifier that is designed to be installed in either a solid ceiling or a grid ceiling. The unit mounts flush with the ceiling and has an intake face dimension of 16" x 16". It removes airborne micro-contaminants and while used primarily for exhaust filtration, may also be used for recirculation. The unit combines a MERV 8 pre-filter and 99.97% HEPA filter to provide optimal air purification.

The AeroMed® 100C is an excellent choice for small areas where HEPA filtered exhaust may be required. Typical applications include bathrooms and smaller ante-rooms that are linked with an isolation room. Once air is passed through the HEPA filter, it may be ducted into the common exhaust.

AeroMed®100C ceiling mount unit

The AeroMed® 100C includes many advanced features that facilitate easy installation, operation and maintenance.

Features

Easy Installation. The AeroMed® 100C comes as two separate components in order to facilitate easy installation by one person. The lightweight installation sleeve slides into a opening in the ceiling and is supported from above with threaded rod.. Once the installation sleeve is secured, the fan section slides up and through the sleeve and is sealed and sealed into place.

Easy Operation. The AeroMed® 100C is controlled by a remote, keyed, on/off switch that is mounted on the wall below. The customer may opt to have a filter pressure guage and/or hour meter on the remote control panel.

Easy Service. The AeroMed® 100C's easy to open service door provides room side access to the pre and HEPA filter section when the need for replacement arises. The access door is held securely in place by four

counter sunk screws. The pleated pre-filter sits above the perforated access door. The gel seal HEPA filter is held in place by two swiveling retention clips. One person can easily and safely change the HEPA filter.

Ducting. The AeroMed® 100C comes with a single four inch round exhaust port or 3" x 6" rectangular port for connection to hard or flex duct.

Options

The AeroMed® 100C is available with remote speed control and filter gauge options for applications where ceiling access is not convenient or possible.

Option #1 - AM-RCP-R

Remote mounted on/off switch, filter gauge and power indicator light. This option includes a filter gauge which helps determine proper change out intervals and an hour meter which displays hours of equipment operation. The controls of this wall mounted unit are protected behind a locked lexan panel.

Option #2 – AM-RCP-V

This option allows the unit to be controlled in order to maintain a set exhaust volume.

Specifications

Blower:

Delivered Air	100 CFM
≥12 ACH	in room up to 7.5' x 8' x 8'

Electrical

Voltage	115 volts @ 60 Hz
Wattage	100 watts
Amperage	0.67 amps
Plug	Hard wire is standard, Hospital grade plug option available
Fuse	Internal 2 amp

Sound Level:	<55 dBA

Filters:

Pre-filter	MERV 8
Final filter	99.97% DOP
Dimensions:	16"D x 16"W x 10.5"H
Filter Housing:	18ga galvanized sheet metal with gloss white powder coat paint finish on room side surface
Fan Housing:	18ga galvanized sheet metal