

AeroMed™ 700D

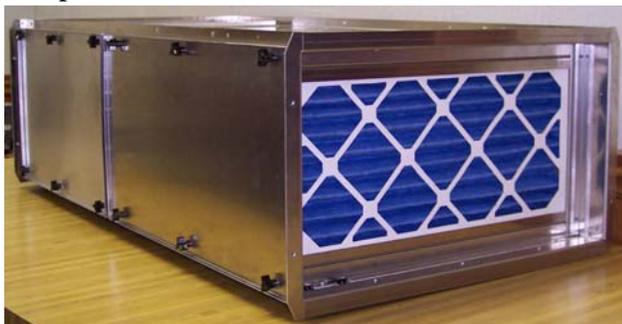
In-Line Air Purifier



General Overview

The AeroMed™ 700D is a ducted air purifier designed to remove airborne micro-contaminants in healthcare facilities. The unit combines a 30% pre-filter, 95% intermediate filter and 99.97% HEPA filter to provide optimal air purification. The intermediate filter extends the life of the HEPA filter, thereby reducing costly maintenance expenses.

The AeroMed™ 700D is also available with a germicidal UV section for additional protection from airborne pathogens. The AeroMed™ 700D is an excellent choice for any area where controlling airborne pathogens may be a concern, such as waiting areas, isolation rooms and procedure rooms.



The unit is typically suspended above a drop ceiling and air from the contaminated space is ducted to it. The cleansed air is then either recirculated back to the space or exhausted from the area to create negative pressure.

Features

Easy Operation. The AeroMed 700D is controlled by a variable speed rheostat that is located on the top of the unit. The customer may opt to have the speed control located remotely or to have the unit speed controlled by a room pressure monitor.

Easy Service. The AeroMed™ 700D's simple to remove service doors provide access to the filter and UV sections. The quick release HEPA sealing mechanism allows for easy filter changing.



Quiet Operation. The AeroMed 700D uses two forward curved centrifugal blowers which provide 700CFM of HEPA filtered air at a very quiet 55dBA.

Sealed Operation. The doors and filters in the 700D are properly sealed to prevent air bypass. This helps ensure that all air is treated by being passed through the filters prior to recirculation back to the room. A retaining clip prevents filters from inadvertently falling out of the equipment during the filter changing process.



Options

- Germicidal UV lamp
- Run time hour meter
- Gas phase filters
- Negative pressure exhaust adaptor

Specifications

Blower:

Delivered Air 700 CFM – high
 350 CFM – low
12 ACH
in room up to 21' x 21' x 8'

Electrical:

Voltage 115 volts @ 60 Hz
Wattage 410 watts (on high)
 435 watts w/UV
Amps 3.60
Plug Hospital grade or hard wire
Fuse Internal

Sound Level:

<55 dBA

Filters:

Pre-filter 30% ASHRAE
Intermediate filter 95% ASHRAE
Final filter 99.97% DOP

Dimensions:

16"D x 25"W x 54"L

Cabinet:

060 Aluminum

Options for Monitoring and Control

The AeroMed™ 700D 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 rheostat and filter gauge allows the user to turn the unit on or off and adjust the speed from a remote location. This option also includes a filter gauge which determines 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-K

This option is the same as #1 above except it uses a two speed key switch to toggle the units operation between high and low settings.

Option #3 – AM-TRK

This option allows the AM700D to be remotely controlled by a room pressure monitor. The unit is set to run at low speed until the room pressure monitor detects a loss of negative pressure. At that time the monitor sends a signal to increase the fan speed to high in an attempt to compensate for the loss of room pressure. This device may also be configured to display the filter pressure and go into alarm when it is time to change the filter.

MERV 8
Pleated Pre-filter

MERV 14
Intermediate Filter

Dual Forward
Curved Blowers

99.97% HEPA
Filter

HEPA Clamp

