



Technical Specifications

HVAC

RNTL

Portable Room Air Cleaners

Models HM 400

and HM 200*



HEPA FILTER ASSEMBLY

Drum Filter - HM 400 (HM 200):
13.5 (10) inches in diameter
14 (11) Inches in height
60 (30) square feet True Medical
HEPA filter media
11-13 (4.5) pound mixture of activated
carbon and zeolite
5 (3.1) square feet of cotton
retaining filter
Meets HEPA standards of trapping
99.97 of all particles larger than
0.3 microns
Foam seating gaskets both top
and bottom
Total weight 20-22 (9-10) pounds

PREMAFILT Prefilter

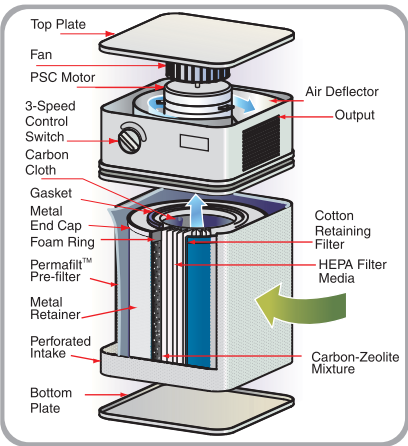
Traps large dust particles
Designed to be vacuumed from outside
eliminating time consuming, costly
3-month filter changes

Effectiveness:

Effectively filters a room up to 1500
(700) square feet.

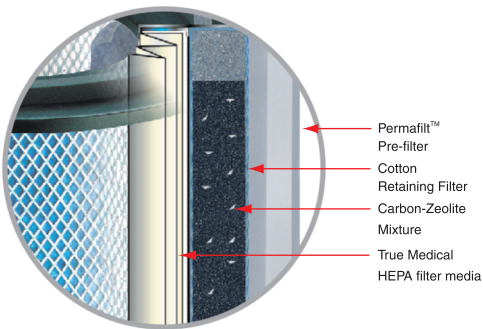
FAN/MOTOR ASSEMBLY

Centrifugal fan
Periodic airflow of 400 (200)
cubic feet per minute on high setting
3-speed control switch
1/12 (1/48) horsepower motor
Power rating of 1.2 amps, 120 volts,
60 hz, hospital rated plug available
132 watt power consumption
at highest setting
High efficiency split capacitor motor
- Model HM 400
(Shaded pole motor) - Model HM 200
Rated for continuous high RPM,
long life duty
Motor mounted on shock absorbers
All electrical components are UL,
CSA and CE approved



HOUSING CONSTRUCTION

22 gauge steel
Powder coated finish
Perforated steel intake housing
(filter deck)
360 degree intake, over 5 (3.1) square
feet of intake area
Four casters mounted on bottom plate
for easy mobility - (HM 400)
Bottom plate easily removed for
access to filters
Airflow output is from the upper deck,
directed from one side



DIMENSIONS

Model HM 200

Height: 16.5 inches
Width: 11 x 11 inches
Corners rounded to 2 inch radius
Weight: 20 pounds

Model HM 400

Height: 23 inches
Width: 14.5 x 14.5 inches
Corners rounded to 2 inch radius
Weight: 45 pounds

WARRANTY

Five years on all parts and labor
excluding the filter cartridge. The filter
cartridge is warranted against defects in
material and workmanship and can last
up to two years under normal operating
conditions.

**Specifications for HM 200 are shown in parenthesis*

| CFM | | |
|--------|---------------------|---------------------|
| Speed | HM 400 | HM 200 |
| | Before Filter/After | Before Filter/After |
| High | 400/250 | 200/125 |
| Medium | 200/125 | 100/62.50 |
| Low | 75/46.88 | 50/31.25 |

| Decibel Levels | | |
|----------------|----------|----------|
| Speed | HM 400 | HM 200 |
| High | 66 | 67 |
| Medium | 55 | 60 |
| Low | Below 50 | Below 50 |