

## RSU20-Carbon/HEPA-S Space Saver™ Series Air Scrubber Laser Surgery Air Quality Control

- ◆ Designed for 24 hour – always on operation
- ◆ Captures fluorine gas & other VOCs; functions as desiccant for moisture removal
- ◆ HEPA filtration; remove particulates 99.97% efficient at .3 micron
- ◆ Clean all the air in a 10x10x9 room every 3.6 minutes on low speed; 36 seconds on high speed
- ◆ Quiet operation: Faint (normal private office noise) on low speed



- ◆ Portable; moves easily on 3" diameter wheels
- ◆ Speed selectable from 250 CFM to approximately 500 CFM
- ◆ Easy servicing; no tools required
- ◆ Powder coated to resist chemicals and for easy cleaning
- ◆ Optional monometer gauge to determine HEPA filter life
- ◆ The Simple Solution

The RSU20-C/HEPA-S Space Saver™ Series Air Scrubber is cylindrical in shape and is designed to remove gases and odors, as well as particulates as small as bacteria from your indoor air. This Radial Scrub Unit is a ductless, re-circulating scrubber with built-in casters so it can be easily rolled around. It has a 360 degree air-in draw, and is efficient in removing approximately 90% of gasses and odors, and 99.97% of all airborne particle phase contaminants at .3 microns in size per air pass. The RSU20-C/HEPA-S uses a **Four Stage** filtration process. The **First Stage** filters the air of dust particulates down to 10 microns in size via a pre-filter. The **Second Stage** is a deep bed carbon filter which removes VOCs and other gases and odors from the air. The **Third Stage** is 90% efficient in removing all airborne particulates down to 1 micron in size. The **Fourth Stage** removes airborne particulates at .3 microns in size via a DOP rated HEPA filter. The scrubbed air is ejected out the very top of the unit to the ceiling to create a room-wide ceiling to floor air flow pattern. No costly ductwork is required. The small footprint for this model allows it to be placed in areas where open floor space is limited.

### Air Flow and Mechanical:

Air Flow Selector – max. operating temp. 80°F	250 – 500 CFM
Replaceable pre-filter - collects particles to 10 microns	yes
Refillable carbon reservoir for gas removal	yes
Replaceable particulate filter (90% efficient at 1 micron)	yes
Replaceable DOP rated HEPA filter (99.97% efficient at .3 microns)	yes
Air flow monometer – monitors life of HEPA filter	yes
Casters allow easy placement and removal	yes
Sound level (at 250 CFM / 500 CFM at 1 meter)	40dB / 54dB

### Electrical:

UL / CSA listed blower powered by split capacitor motor	1
Continuous duty rated unit should be run 24 hours	yes
Internal thermal protection	yes
Power cord length - ft. (additional lengths up to 20' available)	6'
Voltage / Amps	115VAC / 60Hz / 2.95 amps

### Dimensions and Weights:

Height / Diameter	34.5" / 19.5"
Carbon reservoir content	38 lbs.
Operating Weight / Shipping Weight	100 lbs. / 150 lbs.