

## RSU Space Saver™ Series Carbon Cartridge/HEPA Reverse Flow Odor and Particulate Controller



The RSU-CCH/R is cylindrical in shape and is designed to be connected to the exhaust duct coming directly from process machinery such as a laser engraver. Contaminated air from the laser engraver is blown into cylindrical filters inside the RSU. Cleaned air is ejected out the sides of the RSU, from top to bottom, and all 360 degrees. Smoke, as well as larger airborne particulate, are captured by a 99.97% efficient HEPA filter. The RSU's carbon filter is efficient in removing approximately 90% of most volatile organic compounds and other gasses and odors before the air is returned to the room. A filter insert is slipped down the center of the HEPA filter to capture .5 micron and larger particulate as well as to extend the life of the HEPA filter.

### **Air Flow and Mechanical:**

Air flow rate - CFM (speed controllable)  
 Replaceable HEPA filter (50 SF hospital grade)  
 Replaceable Pre-filter Insert - collects particles to .5 micron  
 Refillable/Replaceable Carbon Cartridge  
 Casters allow easy placement and removal

### **Electrical:**

UL/CSA listed blower  
 Continuous duty rated – run 24 hours  
 Internal thermal protection  
 Power cord length - ft.  
 Voltage - VAC: 115/60Hz or 220/50Hz  
 Amps, full load

### **Dimensions and Weights:**

Height  
 Diameter  
 Carbon content (mixture #100)  
 Operating weight  
 Sound level (from low to high speed at 5 feet)

### **RSU12-CCH/R**

300  
 yes  
 yes  
 yes  
 yes

1  
 yes  
 yes  
 6  
 yes  
 1.26

23"  
 18"  
 20 lbs. loose fill  
 50 lbs.  
 44-62 dB

### **RSU20-CCH/R**

450  
 yes  
 yes  
 yes  
 yes

1  
 yes  
 yes  
 6  
 yes  
 1.3

31"  
 17.5"  
 30 lbs. loose fill  
 61 lbs.  
 44-66 dB

**electrocorp** does not warrant, expressed or implied, our products to be medical devices. We do not claim or warrant, expressed or implied, that they are intended to prevent or reverse any medical condition that a user of this equipment may have. We do not guarantee or warrant, expressed or implied, our equipment to protect an individual from contracting any particular disease or illness.