

ACCURATE THERMAL SYSTEMS ECU1 HEPA AIR FILTRATION UNIT

APPLICATIONS

Heavy duty source capture of smoke, fumes and VOC's from extrusion and injection molding operations or any other process where you want to clean up any emissions.

BENEFITS

Small footprint – 25"W x 35"D x 52"H

Very economical including replacement filters

Makes your process environmentally friendly

Sound level of only 60 dba

Designed and manufactured in USA

MODEL ECU2 HEPA AIR FILTRATION UNIT



- Small footprint & economical cost
- Integrated 750CFM blower
- Stainless steel cabinet
- Display with filter monitoring via electronic VOC sensor
- Electronic 4 step variable speed blower
- Interface for 24 VDC remote start/stop
- Only 60 dba sound level

The ECU2 HEPA Air filtration unit is a smart addition to your tool cleaning operation making it environmentally friendly by providing medium duty source capture of smoke, fumes and VOC's.

An advanced graphical display lets you know when the filters need to be replaced and the activated carbon via an electronic gas/VOC sensor calibrated at 600 PPM ethanol as a base. 4 step blower speed control allows you to optimize the amount of extraction for your setup. The ECU2 includes a full set of filters; a 99% efficient at 1uM pre-filter, 99.97% efficient at 0.3uM HEPA filter and two 40 lb activated carbon modules.

Castor wheels give the unit portability for placement where it is needed.



MODEL ECU2

FEATURES AND SPECIFICATIONS

WHAT'S INCLUDED

- ECU2 unit
- Standard filter set
- 8ft of 6" OD rubber hose
- 24VDC remote start/stop
- Instruction manual

WHAT DO I NEED TO RUN THE SYSTEM

- 220 VAC, 3 phase, 50/60hz, 1100 watts/phase
- 6" duct work for clean air outlet

SERVICES AVAILABLE

- Technical support
- Application support
- Installation and setup
- Maintenance



An advanced graphical display monitors the status of each filter and when they need to be replaced an LED lights up. A calibrated VOC/gas sensor is used to monitor filter effectiveness. Electronic four speed blower control is used to optimize source capture in your operation and with your materials.

Filters are easy to replace via the front access door. A 99% efficient at 1uM pre-filter is on the bottom, followed by the 99.97% efficient at 0.3uM HEPA filter and then two 30lb activated carbon modules for broad spectrum gas/odor and VOC control.



Specifications

<u>ECU2</u>	
Construction: Brushed stainless steel cabinet with sound baffling to keep the sound level to 60dbA (speed dependant) Unit net weight with filters installed is 490lbs, gross shipping weight 590lbs Dimensions: 25"W x 35"D x 52"H	
Integrated blower: Performance 750CFM Centrifugal – direct drive, brushless motor, 220VAC, 3 phase	
Electronics/Controls: 220VAC, 3 phase, 1100 watts per phase, 50/60hz Digital Graphic display with electronic variable speed blower control, electronic individual filter monitoring and electronic gas/VOC sensor calibrated at 600 PPM ethanol as a based. Interface for remote start/stop – 24 VDC. Pre-wired 3 wire power cable, 7.5ft.	
Standard Equipment: Filter set, 6" outlet, 6" inlet, 8ft – 2 ply smooth-core rubber hose, 6" OD. Industrial grade castor wheels – 2 locking. Installation guide/operations manual	
Standard Filter Set: Pre-filter, large capacity – deep pleat technology 99% efficient @ 1uM. HEPA filter, 99.97% efficient @ 0.3uM. Gas / Odor filter (2), large capacity provides broad spectrum gas/odor control	
<u>Catalog #</u>	<u>Description</u>
ATS1126	ECU2 Air Filtration System
FA840B	Pre-filter (99% @ 1uM)
FA800	HEPA filter (99.97% @ 0.3uM)
FA801D	Gas / Odor filter – (2 required, 40lbs each)



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