EUROVAC

EUROVAC I - INDUSTRIAL PORTABLE

Eliminate sanding & grinding dust and cover your houskeeping needs with a Eurovac I - Industrial Portable Vacuum System

Powerful Regenerative Blower

Ideal for three to six technicians orbital sanding at the same time or two to three technicians using grinders or housekeeping housekeeping at the same time.

Long lasting - Low Maintenance

The regenerative blower has a T.E.F.C. Induction motor rated for 20,000 hours, which outlasts brush motors found in most portables. Regenerative motors require little or no maintenance.

Superior Filtration

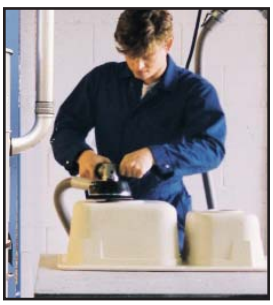
Cyclonic filtration removes 99% of dust before the secondary filter. This results in the unit operating much more efficiently than units which do not have cyclonic filtration. The remaining 1% of dust is removed by a secondary cartridge filter which cleaned by compressed air pulse jet cleaning action.

HEPA Filtration

HEPA filtration is available by adding a filter between the pump and the cartridge filters. HEPA filters remove any remaining particles to 99.97% at .3 microns or larger.

Applications:

- **Source Capture Sanding** (woodworking, composite, drywall and solid surface)
- **Housekeeping**



Technical Data:

Model Number	30-125	30-134
Horse Power	5	10
Max. Airflow (CFM/m^3h)	212/360	340/578
Max. Vacuum Inches WC	108	124
Filter Area (ft^2 / m^2)	(30/2.79)	(30/2.79)
Degree of separation	99.93% at 3 micron	99.93% at 3 micron
Collection capacity (gal / in^3)	20/4838	20/4838
Sound Level	78 dB(A)	79 dB(A)
Hepa Filtration	Optional	Optional
Reverse Pulse	Standard	Standard

Specialists in Dust and Fume Extraction Systems

CANADA Toll Free 800-265-3878
Fax 905-738-4603
Web www.eurovac.com
116 Buttermill Ave, Concord, ON L4K 3X7

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Fax 905-738-4603
Web www.eurovac.com
6295 Lear Nagle, Suite C, North Ridgeville, OH 44039

EUROVAC I WET MIX PORTABLE

The Eurovac I Wet Mix Portable offers the following features:

Eurovac I Wet Mix Portable

- 5HP (140 CFM/60"WC), 10HP (275CFM/60" WC) and 20 HP (380CFM/60"WC)
- 208-240, 460 and 575/3/60Hz or 50Hz models available*. Three phase cord and plug supplied by others
- Starter with overload protection which is pre-wired to blower
- Initial venturi entry (for deep penetration of dust into water), secondary baffles (to help knock water/dust back down) and final mist eliminator (99% efficient to 5 microns). Optional HEPA filter
- 20,000+ hours of continuous use
- Automatic water level control system via an ultra sonic probe situated in a reservoir of "quiet" water.
- Hydrogen relief vent
- 14 gauge stainless steel construction which is epoxy powder painted and treated with zinc oxide and rust inhibitor.

APPLICATIONS & USERS*:

3-4 users (5HP)
6 users (10HP)
7-8 users (20HP)

1-2 users (5HP)
2-3 users (10HP)
4-5 users (20HP)

1-2 users (5HP)
2-3 users (10HP)
3-4 users (20HP)

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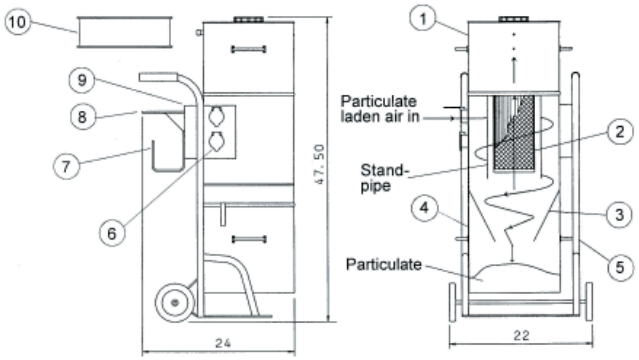
EUROVAC II - HOUSEKEEPING PORTABLE

Keep your facility clean with a Eurovac portable vacuum system

PRODUCT DESCRIPTION

- Powerful 2.5HP, 1440 watt pump produces 110” of water column; 103 free flow CFM.
- Quiet operation particularly for fine dust... motor housing is insulated and baffled for sound.
- Superior filtration ... combination true cyclonic filtration plus secondary cartridge filter, a standpipe surrounding the cartridge filter does not allow the particulate air entering the inlets to go directly to the cartridge filter. The standpipe forces the air to move down the canister to the cyclone where 85% of the particulate is removed before the secondary cartridge filter (see diagram below). This results in the unit operating much more efficiently than units which do not have true cyclonic filtration.
- HEPA filtration is available by adding a camber between the pump and regular filters. The HEPA filter removes the remain ing 99.97% of sanding dust to a minimum of .3 micron particle.

A complete range of cleaning accessories including cleaning kits, hoses, overhead tools, brushes and crevice tools



SPECIFICATIONS

1. Motor: 1440 Watts, 120V, 16,475 RPM, 110” of Water Column 103 CFM	**6. Frame**
2. Cartridge Filter	**8. Vacuum Stations (2)**
3. Cyclone	**7. Hose Hanger**
4. Waste Pail	**8. Storage Tray**
	9. Switch: Complete with Overload Protection
	10. HEPA Filter: Optional

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EUROVAC II - WET-MIX DUST COLLECTOR

Eliminate hazardous dust with a Eurovac system and source capture sanding tools

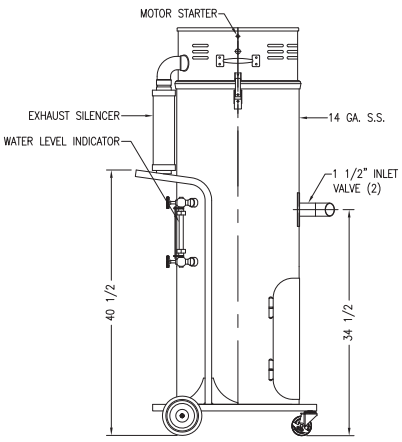
*Patent Pending

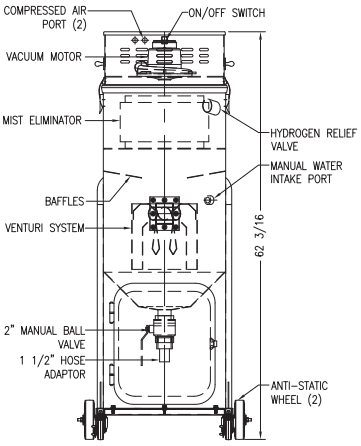
How the Unit Works:

Explosive dust is drawn into the unit through and forced down through a venturi, deep into the water. The water acts as a separator, and the majority of the dust particles fall to the bottom of the unit immediately. Those particles that manage to escape this first stage of cleansing, are forced through thick curtains of water, and are deflected by a series or baffles into the water turbulence, separating the remaining dust from the air. The moist clean air is drawn through the unit by an internally fitted blower, passes through a stainless steel mist eliminator, where the moisture is removed from the clean air. The dust which has settled to the bottom of the unit is removed through the sludge drain valve.

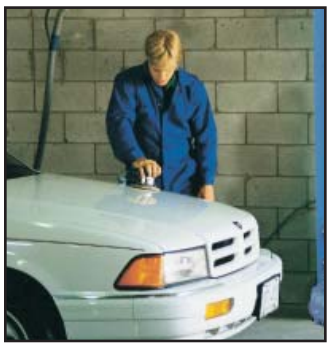
Features:

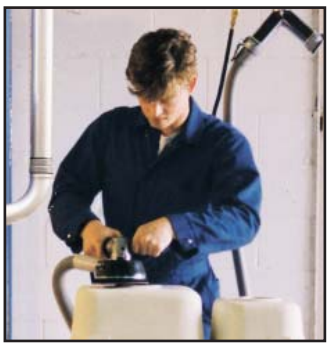
- Powerful 13.8 amp motor with sealed bearings built to handle moist air from wet collector. 1560 watt pump produces 145" of water column; 140 free flow CFM. *Has enough power for 2 technicians to sand with orbital sanders at the same time.*
- Quiet operation particularly for fine dust... motor housing is insulated and baffled for sound.
- On/off feature...motor is turned on and off automatically by air switches when pneumatic tools are activated. This increases the life of the motor and reduces energy costs of running the motor.
- Includes a plastic sight glass to determine when water should be added.
- Stainless steel mist eliminator and final filter picks up 99.9% of dust to 10 microns.
- 2" ball valve & hose at the bottom of the separator for removing sludge.





Automotive & Industrial Explosive Metals Applications





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