

DIVERSIFIED AIR SYSTEMS, INC.

MAXFLO™ PWHV

Portable Wet High Vacuum Systems

- ***Safe vacuum collection of aluminum, magnesium, titanium and potentially hazardous dust***
- ***Powerful vacuum pump, 140 CFM, 13.8 amps, 1560 watts***
- ***Stainless steel mist eliminator***



- ***Low maintenance, quiet operation***
- ***99% efficient at 10 micron***
- ***No moving part in wet collector chamber***

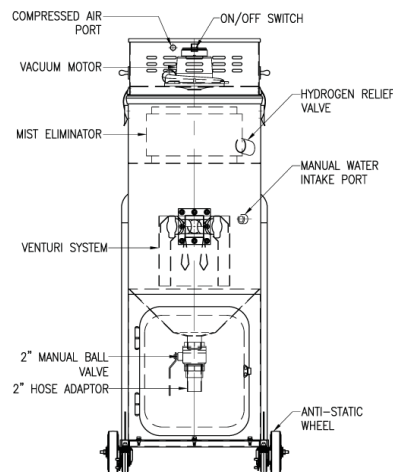
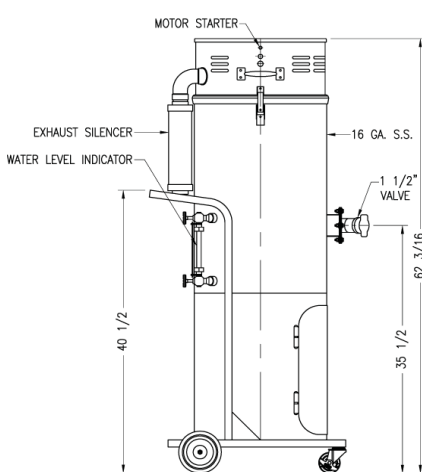
Superior technology generating substantial operating savings

How the unit works:

Explosive dust is drawn into the unit through and forced down through a venture, 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 of 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.



Note: Specifications listed above may be modified to suit application. contact D.A.S. or representative for information.

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