Diversified Air Systems, Inc.

MAXFLO™-PHV-EXP
Explosion Proof Portable High Vacuum System

• Powerful explosion proof motor and vacuum pump, 120/1/60, Nominal 140 CFM
• Vacuum and collect explosive powders and dust safely
• Cyclonic prefiltration with secondary polyester cartridge filtration with final HEPA filter

• Explosion proof starter and junction box
• Heavy duty 14 gauge construction, powder coated paint
• Large 15 gallon collection canister

Superior technology generating substantial operating savings
The MAXFLO Explosion Proof portable vacuum safely collects explosive powders and dust.

- Powerful 110 volt, 12 amp, 1300 watt explosion proof motor and vacuum pump provide 140 CFM and 70” W.C. vacuum
- Explosion proof starter and junction box (customer to supply cord and plug)
- Unit is grounded to eliminate static build-up
- Excellent filtration - the tangential entry and the cyclonic cone remove 85% of the dust before it reaches the large 8” x 16” polyester cartridge filter (22 sq. ft. of filter media). Final HEPA filter (99.97% efficient to .3 microns).
- Large 15 gallon collection canister. A 5 gallon collection canister is available for aluminum applications.
- Mounted on a heavy duty welded tubular steel frame with a powder coat finish and with 4” poly rear wheels and 2” swivel (lockable) front wheels. Unit is available in Stainless Steel.
- MAXFLO offers a full range of anti-static conductive vacuum hoses, wands and cleaning tools.

CLASSIFICATIONS

Motor and fan are rated for Class I-Group D, and Class II - Groups E, F, & G hazardous locations.

- Class I, Group D - Atmospheres containing gasoline, petroleum, naphtha, benzene, butane, propane, alcohols, acetone, benzol, lacquer solvent vapors, or natural gas.
- Class II, Group E - Atmospheres containing metal dust, including magnesium, aluminum, and their commercial alloys
- Class II, Group F - Atmospheres containing carbon black, coal, or coke dust.
- Class II, Group G - Atmospheres containing flour, starch, or grain dusts.

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