



WE LISTEN. WE OBSERVE. WE OPTIMIZE.

**NEW**

## ELECTRIC AND PNEUMATIC PORTABLE VACUUMS

### LEGALLY CERTIFIED

Explosion-proof and dust ignition-proof

For safe recovery of combustible and conductive dusts

### ELECTRIC

Model 61495 Division 1 - 120 V, 50/60 Hz

#### CERTIFICATIONS



Designed for use in:  
Class I, Division 1, Group D T3C  
Class II, Division 1, Groups E, F and G  
Hazardous Locations as defined in the National Electric Code (NFPA 70)



European Countries:  
ATEX Third Party Certified  
CE EX II 2 GD Ex d IIA T3 Gb  
Ex t IIIC T 200° C Db IP 6X



### PNEUMATIC

Model 61496 Division 1

#### CERTIFICATIONS

Designed for use in:  
Class I, Division 1, Group D T3C  
Class II, Division 1, Groups E, F and G  
Hazardous Locations as defined in the National Electric Code (NFPA 70)



European Countries:  
ATEX Third Party Certified  
CE EX II 2 GD c IIC T6 (85° C)



#### ELECTRIC and PNEUMATIC VACUUM for use in:

**Group D** atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air that may burn or explode

**Group E** atmospheres, containing potentially combustible dusts, including aluminum, magnesium, and their commercial alloys

**Group F** atmospheres, containing combustible carbonaceous dusts, such as coal, carbon black, charcoal, coke dust

**Group G** atmospheres, containing wood and plastic dusts

#### PNEUMATIC VACUUM for use in:

**Group A** atmospheres, containing acetylene

**Group B** atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air

**Group C** atmospheres, containing flammable gas, flammable liquid-produced vapor, or combustible liquid-produced vapor mixed with air



# COMPACT IMMERSION VACUUM SYSTEM

## ELECTRIC AND PNEUMATIC PORTABLE VACUUMS

Compact Immersion Separators are the perfect answer to meeting the NFPA safety requirements for the collection of aluminum, titanium, magnesium and other metal dusts. Dynabrade Raptor Vac® systems are designed for the recovery of metallic, conductive and explosive dusts, in a liquid immersion bath of water which instantly renders the hazardous dust inert.

All Dynabrade compact immersion separators are certified by third party testing labs, ensuring compliance with all NFPA's up to date standards and associated requirements.

### ELECTRIC AND PNEUMATIC VACUUMS INCLUDE:

One 20' (6 m) Conductive Coaxial Hoses with Integrated Air Lines

One Composite Coupler

One Vacuum Hose Swivel Adapter

Conductive Recovery Bag

HEPA H14 Filter with 99.995% efficiency on 0.3 micron

### FEATURES

- Legally certified explosion proof / dust ignition proof by an OSHA approved Nationally Recognized Testing Laboratory (NRTL)
- Degassing Vent allows gas to be evacuated automatically from the unit
- Vacuums and optional tool kit are static-dissipating and conductive
- Corrosion resistant Stainless steel recovery tank

Model Number	Capacity Gallon (Liter)	Voltage/ Frequency	Watts	Air Inlet Pressure PSIG (Bar)	Water Static Lift Inch / cm / mbar	Air Flow CFM (L/Min)	Sound Level	Ship Weight Lb. (kg)	Height In. (mm)	Width In. (mm)	Length In. (mm)
61495	1 (3.8)	120 V / 60 Hz	1,000	90 (6.2)	69 / 175 / 172	132 (3,738)	75/85 dB(A)	75 (34)	34 (864)	18 (457)	19 (483)

Model Number	Capacity Gallon (Liter)	Air Inlet Pressure PSIG (Bar)	Air Consumption CFM (L/Min)	Water Static Lift Inch / cm / mbar	Air Flow CFM (L/Min)	Sound Level	Ship Weight Lb. (kg)	Height In. (mm)	Width In. (mm)	Length In. (mm)
61496	1 (3.8)	90 (6.2)	35-45 (1,274)*	110 / 280 / 274	110 (3,114)	68 dB(A)	60 (27)	34 (864)	18 (457)	19 (483)

**\*NOTE:** Be sure to add air consumption for EACH TOOL attached to Vacuum, for total CFM (L/Min) requirement.

31972



#### 1" ERGONOMIC VACUUM HOSE ASSEMBLY

Part 31990

Conductive vacuum hose with integrated air line  
20 ft. (6 m) length  
(1) 1/4" NPT coupler  
(1) 1/4" NPT plugs  
Mesh protective over-hose

61909



#### RECOVERY BAG

Part 61909

Conductive recovery bag for use with 61495 and 61496 (3-pack)

96606



#### RAPTOR VAC® DIVISION 1 CLEANING KIT

Part 96606

For models 61495 and 61496  
Vacuum Hose, 10 ft. (3 m) length

#### HEPA FILTER

Part 61907

For use with Raptor Vac® Compact Immersion 61495 and 61496



#### GROUNDING ACCESSORY

Part 62449

Grounded air line for use with Raptor Vac® 61495 and 61496

