



## **Explosion Proof/Dust Ignition Proof Vacuums**

**Class I Group D and Class II Group F&G Atmospheres**



## Key Features

- The Explosion Proof vacuum is UL Listed
- 22-gauge, non-sparking stainless steel tank
- 3" static-conductive casters and 8" static-conductive rear wheels on 15 gallon models
- 5" static-conductive casters and 5" static-conductive rear wheels on 55 gallon models

## Markets/Applications/Locations

- Class I Group D Atmospheres
  - butane, cyclopropane, ethane, ethanol, gasoline, methane, methanol, octane, pentane, petroleum, propane, turpentine, vinyl chloride
- Class II Group F Atmospheres
  - carbon black, charcoal, coke or coal dusts
- Class II Group G Atmospheres
  - flour, starch or grain, or combustible dusts having resistivity of  $10^8$  ohm-centimeter or greater

## Types of locations and operations requiring the Explosion Proof/Dust Ignition Proof Vac

### Class I Locations

- Petroleum Refining Facilities
- Dip Tanks containing flammable or combustible liquids
- Plants manufacturing organic coatings
- Spray finishing areas
- Petroleum dispensing areas
- Plants manufacturing or using pyroxylin or other plastics
- Locations where inhalation anesthetics are used
- Utility gas plants, operations involving storage and handling of liquefied petroleum and natural gas
- Aircraft hangers and fuel servicing areas

### Class II Locations

- Grain elevators and bulk handling facilities
- Manufacture and storage of starch
  - Flour and feed mills
  - Areas for packaging and handling of pulverized sugar & cocoa
  - Spice grinding plants
  - Confectionery manufacturing plants



## General Overview

- Ideal for pick-up of hazardous material such as flammable liquids, finely pulverized dust and more.
- Heavy-duty electric vacuum operates wet or dry in Class I, Group D and Class II, Group F&G atmospheres
- Available in 15 or 55 gallon tanks
- U.L.P.A. filter is standard on four models of this series and is 99.999% efficient at 0.12 microns
- 14-3/50' STWA safety cable

## Optional Tool Kits

- Dry Only - Part number 490006 *Includes:*
  - 5" Round Dusting Brush
  - 24" Crevice Tool
  - 1-1/2" Wand Assembly
  - 10' Tube Set, High-up Swivel Hose End
  - 12' x 1-1/2" Hose Assembly,
  - 6' x 1-1/2" Curved Pipe Tool
  - 12" Gulper Tool
  - 14" Fibre Floor Tool
  - 6" Tool with Handle Tool
- Wet/Dry - Part number 490007  
Same as 490006 except it includes a 14" Squeegee

Only these tool kits may be used with the Explosion-Proof/Dust Ignition-Proof Vacuum.

| Specifications:                | C88015-01                       | C88015-02                       | C88015-03                          | C88015-04                          | C88055-01                       | C88055-02                       | C88055-03                          | C88055-04                          |
|--------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|
| <b>Waterlift</b>               | 69" (1,753mm)                   | 69" (1,753mm)                   | 69" (1,753mm)                      | 69" (1,753mm)                      | 69" (1,753mm)                   | 69" (1,753mm)                   | 69" (1,753mm)                      | 69" (1,753mm)                      |
| <b>Airflow</b>                 | 120CFM(3.40m <sup>3</sup> /min) | 120CFM(3.40m <sup>3</sup> /min) | 120CFM(3.40m <sup>3</sup> /min)    | 120CFM(3.40m <sup>3</sup> /min)    | 120CFM(3.40m <sup>3</sup> /min) | 120CFM(3.40m <sup>3</sup> /min) | 120CFM(3.40m <sup>3</sup> /min)    | 120CFM(3.40m <sup>3</sup> /min)    |
| <b>Horsepower</b>              | 1.7 (peak)                      | 1.7 (peak)                      | 1.7 (peak)                         | 1.7 (peak)                         | 1.7 (peak)                      | 1.7 (peak)                      | 1.7 (peak)                         | 1.7 (peak)                         |
| <b>Voltage</b>                 | 115 (220)                       | 116 (220)                       | 117 (220)                          | 118 (220)                          | 119 (220)                       | 120 (220)                       | 121 (220)                          | 122 (220)                          |
| <b>PowerCord</b>               | 14-3/50"(1.5m)                  | 14-3/50"(1.5m)                  | 14-3/50"(1.5m)                     | 14-3/50"(1.5m)                     | 14-3/50"(1.5m)                  | 14-3/50"(1.5m)                  | 14-3/50"(1.5m)                     | 14-3/50"(1.5m)                     |
| <b>Total Filter Area</b>       | 603sq.in(3,890cm <sup>2</sup> ) | 603sq.in(3,890cm <sup>2</sup> ) | 1,769sq.in(11,413cm <sup>2</sup> ) | 1,769sq.in(11,413cm <sup>2</sup> ) | 603sq.in(3,890cm <sup>2</sup> ) | 603sq.in(3,890cm <sup>2</sup> ) | 1,769sq.in(11,413cm <sup>2</sup> ) | 1,769sq.in(11,413cm <sup>2</sup> ) |
| <b>U. L. P. A. Filter Area</b> | N/A                             | N/A                             | 1,224sq.in(7,897cm <sup>2</sup> )  | 1,224sq.in(7,897cm <sup>2</sup> )  | N/A                             | N/A                             | 1,224sq.in(7,897cm <sup>2</sup> )  | 1,224sq.in(7,897cm <sup>2</sup> )  |
| <b># of Prefilters</b>         | 1                               | 1                               | 3                                  | 3                                  | 1                               | 1                               | 3                                  | 3                                  |
| <b>Tank Size</b>               | 1.5gal(57ltr)                   | 1.5gal(57ltr)                   | 1.5gal(57ltr)                      | 1.5gal(57ltr)                      | 5.5gal(57ltr)                   | 5.5gal(57ltr)                   | 5.5gal(57ltr)                      | 5.5gal(57ltr)                      |
| <b>Wet/Dry</b>                 | Dry Only                        | Wet/Dry                         | Dry Only                           | Wet/Dry                            | Dry Only                        | Wet/Dry                         | Dry Only                           | Wet/Dry                            |
| <b>Wet Capacity</b>            | N/A                             | 12gal(45ltr)                    | N/A                                | 12gal(45ltr)                       | N/A                             | 47gal(178ltr)                   | N/A                                | 47gal(178ltr)                      |
| <b>Dry Capacity</b>            | 1.9cu ft.(.05m <sup>3</sup> )   | 1.9cu ft.(.05m <sup>3</sup> )   | 1.9cu ft.(.05m <sup>3</sup> )      | 1.9cu ft.(.05m <sup>3</sup> )      | 7.15cu ft.(.202m <sup>3</sup> ) | 7.15cu ft.(.202m <sup>3</sup> ) | 7.15cu ft.(.202m <sup>3</sup> )    | 7.15cu ft.(.202m <sup>3</sup> )    |
| <b>Manometer</b>               | No                              | No                              | Yes                                | Yes                                | No                              | No                              | Yes                                | Yes                                |
| <b>Wheel Size (Front)</b>      | 3"(8cm)                         | 3"(8cm)                         | 3"(8cm)                            | 3"(8cm)                            | 5"(12.7cm)                      | 5"(12.7cm)                      | 5"(12.7cm)                         | 5"(12.7cm)                         |
| <b>Wheel Size (Rear)</b>       | 8"(20cm)                        | 8"(20cm)                        | 8"(20cm)                           | 8"(20cm)                           | 5"(12.7cm)                      | 5"(12.7cm)                      | 5"(12.7cm)                         | 5"(12.7cm)                         |
| <b>Weight</b>                  | 75lbs(34kg)                     | 86lbs(39kg)                     | 84lbs(38kg)                        | 96lbs(44kg)                        | 136lbs(62kg)                    | 154lbs(70kg)                    | 145lbs(66kg)                       | 164lbs(74kg)                       |

Specifications are subject to change without notice.

Minuteman International Inc  
111 S. Rohlwing Road  
Addison, IL 60101  
Phone: (630) 627-6900  
Fax: (630) 627-1130

Minuteman is a full line manufacturer of maintenance products including critical filter vacuums, industrial and commercial vacuums, sweepers, scrubbers, floor and carpet machines, PowerBoss® sweepers and scrubbers, and Parker® Litter Vacs for industrial, commercial, and institutional facilities.

A Member of the Hako Group

Come Visit our Website at  
[www.minutemanintl.com](http://www.minutemanintl.com)