

**VAC-U-MAX**

**AIR CLEANING EQUIPMENT, INC.**  
**(800) 962-0650**  
**www.aircleaningequipment.com**

## ***Venturi Powered, Pulse-Jet Filter Cleaning Vacuums for Class II Div II Environments***



### **STANDARD EQUIPMENT:**

- Venturi powered suction source
- Manual Pulse Filter Jet Cleaning with air reservoir, push button, regulator and gauge
- Noise muffler for sound levels below 80 dbA
- Manual HP air control valve
- Adjustable orifice assembly for vacuum control 8" Hg. - 16" Hg.
- Vacuum Equalizer Kit for poly bag loading
- Extra Large PTFE (Teflon) coated washable internal dust filter rated 99.9% efficient @ 1 micron.
- 1.5" or 2.0" material inlet
- 30 or 55-gallon open-top 16-gauge carbon steel drum
- Drum dolly, 30 or 55-gallon, heavy-duty with (4) 4" swivel casters, and drum lock-down nuts
- Universal Tool Kit 1.5" or 2.0": Includes 2 piece Wand, Floor Tool with Squeege, Brush & Wheels, Crevice Tool and Hand Tool Nozzle With Rubber Nozzle

<b>TECHNICAL DATA:</b>	<b>Single Venturi</b>	<b>Twin Venturi</b>
MAXIMUM SUCTION	16" HG (208" H2O)	16" HG (208" H2O)
MAXIMUM AIRFLOW	100 SCFM	200 SCFM
SUCTION CONNECTION	1.5" OD	2.0" OD
COMPRESSED AIR REQUIRED	35 SCFM @ 60 PSI	70 SCFM @ 60 PSI
COMPRESSED AIR CONNECTION	1/2" NPT (FEMALE)	3/4" NPT ( FEMALE)
NOISE LEVEL	79 dBA @ 6" HG	79 dBA @ 6" HG

## ***Venturi Powered, Pulse-Jet Filter Cleaning Vacuums for Class II Div II Environments***

The OSHA National Emphasis Program for Combustible Dusts, initially released in October 2007 and re-issued for emphasis and increased enforcement in March 2008, has generated many inquiries about suitability of VAC-U-MAX Industrial Vacuum Cleaning Systems for use in Class II, Division 2 environments.

VAC-U-MAX compressed-air powered vacuums, Models 40008, 40012, and 40013, are the first-line offerings for Class II, Division 2 environments due to their bumper-to-bumper grounded and bonded design and their reasonable cost and availability. These vacuums meet the NFPA 77 requirements for grounding and bonding. These vacuums also meet the definition of an “intrinsically-safe system”. VAC-U-MAX air-powered vacuums do not use electricity and do not generate any heat from operation.

The VAC-U-MAX 40008, 40012, and 40013 air vacs are a “system” and they include the vacuum cover, drum, dolly, cleaning tools, compressed air hose with quick-disconnect fittings, and polybag drum liners. There are no components that are supplied by the customer and we are therefore able to offer a suitable-for-service certification in a Class II, Division 2 environment. The specific static control components of this family of vacuums are:

- \* Metal vacuum cleaning tools and static-dissipative \*vacuum hose.
- \* Stainless steel anti-sparking inlet.
- \* Static-conductive dust filter.
- \* Ground strap across gasket between air vac cover and drum.
- \* Drum dolly with static-conductive casters.
- \* Ground wire connection between air vac cover and drum dolly.
- \* Static-conductive compressed air hose with metal quick-disconnect fittings.
- \* Static-conductive polybags liners for collection of combustible dusts inside the drum.

***\* Vacuum hoses vary in both length and material of construction. Please select a vacuum hose from the available selection in the options section of your quote to complete the package.***

If the compressed air piping network in the facility is grounded (as it should be), then the VAC-U-MAX vacuum will be grounded automatically, eliminating operator error due to failure to connect separate ground wires.

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### **FEATURES**

- COMPRESSED AIR POWERED - NO ELECTRICITY REQUIRED!
- ANTI-SPARKING STAINLESS STEEL MATERIAL INLET
- STATIC CONDUCTIVE FILTER MEDIA
- STATIC CONDUCTIVE CASTERS
- STATIC CONDUCTIVE HIGH PRESSURE AIR HOSE
- BONDING KIT



## ***Venturi Powered, Pulse-Jet Filter Cleaning Vacuums for Class II Div II Environments***

### **Models**

<b>Model #</b>	<b>Description</b>	<b>Inlet Size</b>	<b>Material of Construction</b>	<b>Finish</b>
40008	30 GALLON 1 JET COMPLETE S/C	1.5"	CARBON STEEL	POWDER COAT BLUE
40008SS	30 GALLON 1 JET COMPLETE S/C	1.5"	STAINLESS STEEL	BEAD BLAST
40012	55 GALLON 1 JET COMPLETE S/C	1.5"	CARBON STEEL	POWDER COAT BLUE
40012SS	55 GALLON 1 JET COMPLETE S/C	1.5"	STAINLESS STEEL	BEAD BLAST
40013	55 GALLON 2 JET COMPLETE S/C	2.0"	CARBON STEEL	POWDER COAT BLUE
40013SS	55 GALLON 2 JET COMPLETE S/C	2.0"	STAINLESS STEEL	BEAD BLAST

### **Hoses**

<b>Super Flex Hose PVC S/C</b>	<b>Size</b>	<b>Catalog#</b>		<b>Black Neoprene S/C</b>	<b>Size</b>	<b>Catalog#</b>
	1.5" x 10'	67262X1.5X10			1.5" x 10'	03426
	1.5" x 15'	67262X1.5X15			1.5" x 15'	03427
	1.5" x 25'	67262X1.5X25			1.5" x 25'	03428
	2.0" x 10'	67263X2X10			2.0" x 10'	03431
	2.0" x 15'	67263X2X15			2.0" x 15'	03432
	2.0" x 25'	67263X2X25			2.0" x 25'	03433

### **Suggested Spare Parts**

	<b>Static Conductive Filter 30 gallon Unit</b>	<b>Static Conductive Filter 55 gallon Unit</b>
<b>Catalog#</b>	47595SCRIM	20191SCRIM
	<b>Spare Venturi Mufflers ( 6 Pack)</b>	
<b>Catalog#</b>	54711	