

VAC-U-MAX

37 Rutgers Street Belleville, NJ 07109

Tel: 973-759-4600 * 973-759-6449 E-mail: info@vac-u-max.com* www.vac-u-max.com

**Venturi Powered, HEPA Filtered Vacuums
for Class II Div II Environments****STANDARD EQUIPMENT:**

- Venturi powered suction source
- 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 Primary Static conductive PTFE (Teflon) coated washable internal dust filter rated 99.9% efficient @ 1 micron.
- DOP Tested HEPA Secondary Filter rated 99.97% @ 0.3 Micron
- 1.5" or 2.0" material inlet
- 30 or 55-gallon open-top 16-gauge carbon or stainless 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 Squeegee, Brush & Wheels, Crevice Tool and Hand Tool Nozzle With Rubber Nozzle

TECHNICAL DATA:	Single Venturi	Twin Venturi
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, HEPA Filtered 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 HEPA vacuums, Models 55AF-011, 55AF-012, 55DAF-011 and 55DAF-012 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 55AF-011, 55AF-012, 55DAF-011 and 55DAF-012 air vacs are a “system” and they include the vacuum cover, drum, dolly, vacuum hose and 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:

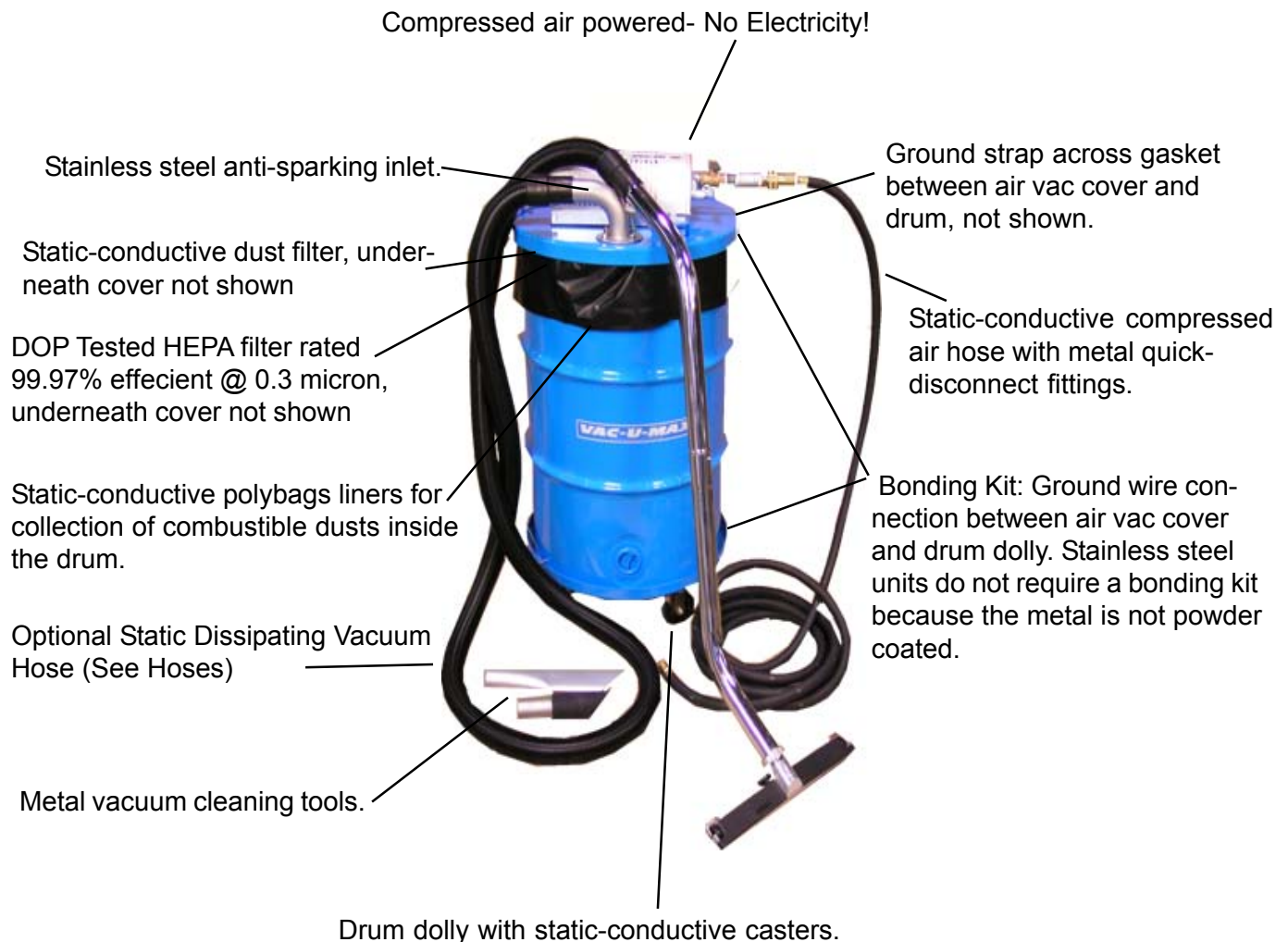
- * Metal vacuum cleaning tools and static-dissipative vacuum hose.
- * Stainless steel anti-sparking inlet.
- * Static-conductive dust filter.
- * Ground strap across gasket between air vac cover and drum.
- * Drum dolly with static-conductive casters.
- * Ground wire connection between air vac cover 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.

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.

Venturi Powered, HEPA Filtered Vacuums for Class II Div II Environments

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
- DOP TESTED HEPA FILTER RATED 99.97 EFFICIENT @ .03 MICRON



Venturi Powered, HEPA Filtered Vacuums for Class II Div II Environments

Models

Model #	Description	Inlet Size	Material of Construction	Finish
55AF-011	55 GALLON 1 JET COMPLETE S/C	1.5"	CARBON STEEL	POWDER COAT BLUE
55AF-012	55 GALLON 1 JET COMPLETE S/C	1.5"	STAINLESS STEEL	BEAD BLAST
55DAF-011	55 GALLON 2 JET COMPLETE S/C	2.0"	CARBON STEEL	POWDER COAT BLUE
55DAF-012	55 GALLON 2 JET COMPLETE S/C	2.0"	STAINLESS STEEL	BEAD BLAST

Hoses

Super Flex Hose PVC S/C	Size	Catalog#		Black Neoprene S/C	Size	Catalog#
	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

	Static Conductive Filter	
Catalog#	20191SCRIM	
	HEPA Cartridge	
Catalog#	01080	
	Spare Venturi Mufflers (6 Pack)	
Catalog#	54711	