

# Tiger-Vac® AVSD-1/2 (60L/100L) HEPA ORDLOC 652 SERIES

...The name to vacuum with

**ATEX** CE II 2D  
Ex h IIIC T85°C Db  
For use in ATEX Zone 21 & Zone 22 (Dust) potentially explosive atmospheres

Designed for use in :  
Division 1, Class II, Groups F and G  
Hazardous Locations as defined in the National Electrical Code (NFPA 70)



## Characteristics



EX Certified



Dry Recovery



HEPA -  
Included



High Filtration  
Efficiency Unit



SS 304



Low Noise



SD Accessories  
- Included

- Complies with NFPA 652 paragraph 8.4.2.2.1.7 and NFPA 654 paragraph 8.4.3.7 (1) to (7)
- Very powerful machine capable of working with large diameter suction hoses up to 70 mm. Perfect for Food industry, machine shops, Plastics industry, Ceramics industry, printing, textiles, heavy clean-up, etc.
- Pneumatic (air-operated)
- Heavy Duty Construction. No moving parts. Can run continuously without friction or wear. No motor to clog or wear out
- Safe - no electricity. Does not generate any heat
- Efficient: Tiger-Vac venturi uses shop air to create powerful suction. Single venturi operates with 3/8" air line. Dual venturi operates with 1/2" air line
- HEPA Filter with a minimum efficiency of 99.97% at 0.3 micron - included
- Includes a conductive star shaped main filter
- Manual Filter Shaker (MFS) system
- Filter chamber and recovery tank made of stainless steel Type 304
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Sight glass installed on recovery tank
- Optional front mounted floor tool, 28" (71 cm), is available for larger surface areas
- Includes a complete static dissipative tool kit
- Conductive wheels

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## Specifications

AVSD-1/2 (60L/100L) HEPA ORDLOC 652 SERIES	110455A	110456A	110457A	110458A
<b>Model Name</b>	AVSD-1 (60L) DT (MFS) HEPA SINGLE VENTURI	AVSD-2 (60L) DT (MFS) HEPA DUAL VENTURI	AVSD-1 (100L) DT (MFS) HEPA SINGLE VENTURI	AVSD-2 (100L) DT (MFS) HEPA DUAL VENTURI
<b>Type (Powerhead)</b>	Pneumatic	Pneumatic	Pneumatic	Pneumatic
<b>Venturi</b>	Single	Dual	Single	Dual
<b>Minimum Compressor</b>	10-15 HP	15-20 HP	10-15 HP	15-20 HP
<b>Air Line Size (Diam.)</b>	3/8 "	1/2 "	3/8 "	1/2 "
<b>Input Air Volume</b>	35-45 CFM	45-55 CFM	35-45 CFM	45-55 CFM
<b>Input Air Pressure</b>	80 PSI	90 PSI	80 PSI	90 PSI
<b>Air Flow</b>	85 CFM	170 CFM	85 CFM	170 CFM
<b>Vacuum Pressure</b>	135 " H <sub>2</sub> O	135 " H <sub>2</sub> O	135 " H <sub>2</sub> O	135 " H <sub>2</sub> O
<b>Sound Level</b>	73 dB(A)	73 dB(A)	74 dB(A)	74 dB(A)
<b>Suction Inlet Port</b>	70 mm	70 mm	70 mm	70 mm
<b>Cart Type</b>	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)	Detachable Tank (DT)
<b>Filter Cleaning</b>	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)	Manual Filter Shaker (MFS)
<b>Filter Type</b>	Star Shaped + HEPA	Star Shaped + HEPA	Star Shaped + HEPA	Star Shaped + HEPA
<b>Filter Surface Area</b>	21 ft <sup>2</sup> + 10.8 ft <sup>2</sup>	21 ft <sup>2</sup> + 10.8 ft <sup>2</sup>	21 ft <sup>2</sup> + 10.8 ft <sup>2</sup>	21 ft <sup>2</sup> + 10.8 ft <sup>2</sup>
<b>Recovery Capacity (Dry)</b>	16 Gal (60 L)	16 Gal (60 L)	26 Gal (100 L)	26 Gal (100 L)
<b>Length</b>	32 "	32 "	32 "	32 "
<b>Width</b>	26 "	26 "	26 "	26 "
<b>Height</b>	54.5 "	54.5 "	61.5 "	61.5 "
<b>Weight (Vacuum Only)</b>	125 lb.	125 lb.	136 lb.	136 lb.

Please note that specifications are subject to change without notice

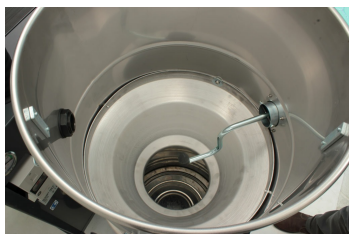
# Use only recommended tools & accessories



AVSD-1/2 (60L/100L) System Overview



Side Mounted Manual Filter Shaker



Side Mounted Manual Filter Shaker (Internal View)



Sight Glass on Recovery Tank



Tangential Suction Inlet, 70 mm, Aluminum



Conductive Star Shaped Filter with Cage for ORDLOC 652 - Included



Detachable Recovery Tank for easy emptying



Static Conductive Air Supply Hose - Included



Ø1.5" (Ø38mm) Static Conductive Tool Kit for Single Venturi Models - Included



Ø2" (Ø50 mm) Static Conductive Tool Kit For Dual Venturi Models - Included