

ESD Safe Vacuum Systems for Hazardous Locations are designed to prevent ignition hazards. We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)



Complies with NFPA 77 "Recommended Practice on Static Electricity"



CE II 2GD
Ex h IIC T6 Gb
Ex h IIC T85°C Db

Designed for use in Class I, Division 1, Division 2, Group D and Class II, Division 1, Division 2, Groups E, F, G Hazardous Locations as defined in the National Electrical Code (NFPA 70)



Characteristics



- Designed for the recovery and INERTIZATION of combustible dust into a liquid immersion bath
- Enhanced Mini Immersion Separator - Wet Mix - Can be used with either water or oil
- Legally certified explosion proof/dust ignition proof
- Meets the requirements for a Liquid Precipitation Collector for metal dusts as outlined in NFPA 484
- Coalescing Filter Element (CFE) for moisture removal. HEPA Grade. 99.97% efficiency at 0.3 micron
- Pneumatic (air-operated). Can run continuously without overheating or wear
- Available with single or twin venturi
- Recovery tank made of stainless steel Type 304
- A package of the disposable conductive "wet" recovery bags is included with the vacuum cleaner
- Recovery capacity - 3.25 gal. (12.3L) of liquid is required in the recovery tank. The conductive "wet" Recovery Bag has a recovery capacity of 4.5L (1.5 gal.)
- Degassing vent allows gas to be evacuated automatically from the unit
- Equipped with a liquid level indicator
- Includes a complete static dissipative tool kit
- Low noise level
- Pressure regulator included. Pressure regulator is adjustable between 0 psi. (0 bar) to 150 psi. (10 bars). It is factory set at 80 psi. (5.5 bars) for ideal performance and noise level

Specifications

AVSD-1/2 (IT-40L) DT CFE HEPA W/3D TOOL KIT	113122-3D	113123-3D
Model Name	AVSD-1 (IT-40L) DT CFE HEPA W/3D TOOL KIT	AVSD-2 (IT-40L) DT CFE HEPA W/3D TOOL KIT
Type (Powerhead)	Pneumatic	Pneumatic
Venturi	Single	Dual
Minimum Compressor	10-15 HP	15-20 HP
Air Line Size (Diam.)	3/8 "	1/2 "
Input Air Volume	35-45 CFM	45-55 CFM
Input Air Pressure	80 PSI	90 PSI
Air Flow	85 CFM	170 CFM
Vacuum Pressure	135 " H ₂ O	135 " H ₂ O
Sound Level	73 dB(A)	74 dB(A)
Suction Inlet Port	1.5 "	1.5 "
Cart Type	Detachable Tank (DT)	Detachable Tank (DT)
Filter Cleaning	Liquid Immersion Bath/Conductive Wet Recovery Bag	Liquid Immersion Bath/Conductive Wet Recovery Bag
Length	26 "	26 "
Width	22 "	26 "
Height	52 "	52 "
Weight (Vacuum Only)	112 lb.	118 lb.

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



Coalescing HEPA filter (Upstream) - Included



3D Tool Kit for 1.5" camlock suction inlet - included



Optional 3D Tools



Mini Enhanced - Rear View



Mini Enhanced - Side View with detachable tank



Mist Arrester Pack - Included



Conductive "wet" recovery bag - Included



Cone assembly and detachable recovery tank with liquid level indicator and drain valve - Included



#228093 - Depressor cage for conductive wet recovery bag - optional



Degassing Vent - Included