


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

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

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)



GUARANTEED for the Safe Recovery of Combustible/Conductive Dusts



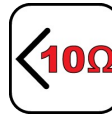
Complies with NFPA 77 "Recommended Practice on Static Electricity"



Characteristics



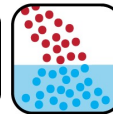
EX Certified



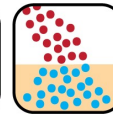
Less than 10 ohms



Dry Recovery



Wet Mix - Water



Wet Mix - Oil



HEPA - Included



High Filtration Efficiency Unit



SS 304



Coalescing Filter Element



Low Noise



SD Accessories - Included



3D Printing

Controlled Air Design
(800) 635-0298
controlledairdesign.com



- 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
- Static dissipating and conductive
- 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
- Recovery tank made of stainless steel SAE Type 304
- 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 - only 68 dB(A)
- 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

ATEX-10A (IT-40L) DT CFE HEPA W/3D TOOL KIT	113117-3D
Model Name	ATEX-10A (IT-40L) DT CFE HEPA W/3D TOOL KIT
Type (Powerhead)	Pneumatic
Venturi	Single
Minimum Compressor	15 HP
Air Line Size (Diam.)	1/2 "
Input Air Volume	35-45 CFM
Input Air Pressure	80 PSI
Air Flow	110 CFM
Vacuum Pressure	110 " H ₂ O
Sound Level	68 dB(A)
Suction Inlet	1.5 "
Cart Type	Detachable Tank (DT)
Filter Cleaning	Liquid Immersion Bath/Conductive Wet Recovery Bag
Length	26 "
Width	22 "
Height	52 "
Weight (Vacuum Only)	115 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