

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

CE II 2GD

Ex h IIC T6 Gb

Ex h IIC T85°C Db



GUARANTEED for the Safe Recovery of Combustible/Conductive
Dusts

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"



Characteristics



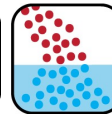
EX Certified



Less than 10
ohms



Dry Recovery



Wet Mix - Water



HEPA -
Included



High Filtration
Efficiency Unit



SS 304



Coalescing
Filter Element

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



- Immersion separator "Wet Mix". For use with water (no oil)
- Designed for the recovery and INERTIZATION of combustible dust into a liquid immersion bath
- 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 water is required in the recovery tank. The conductive "wet" recovery bag has a recovery capacity of 3L (0.8 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) CFE HEPA	113116
Model Name	ATEX-10A (IT-40L) CFE HEPA
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	4 Wheel Dolly (4W)
Filter Cleaning	Liquid Immersion Bath
Length	19 "
Width	18 "
Height	34 "

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



Liquid Level Indicator and Drain Valve - Included



A Conductive "Wet" Recovery Bag can be used in conjunction with the Immersion Bath to facilitate material recovery and emptying



Degassing Vent - Included



Coalescing HEPA filter (Upstream) - Included



Tool Kit for Mini Series - Included