



**ATEX** 3rd Party Certified  
 C<sub>Ex</sub> II 2GD  
 Ex h IIC T6 Gb  
 Ex h IIIC T85°C Db  
 LCIE 03 ATEX 6310 X



Ex h IIC T6 Gb  
 Ex h IIIC T85°C Db  
 IECEX LCIE 17.0076 X



**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)

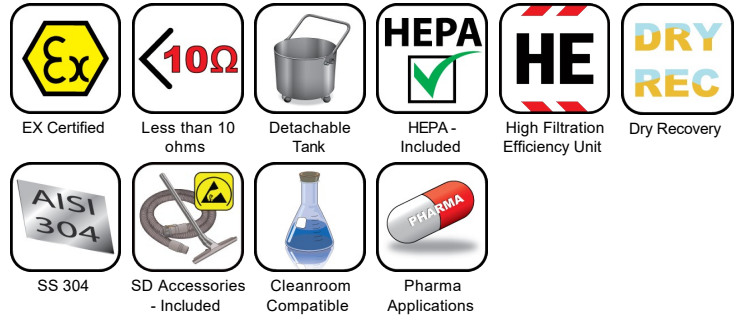


C<sub>Ex</sub> II 1/2 GD  
 External : Ex h IIC T6 Gb Ex h IIIC T85°C Db  
 Internal : Ex h IIC T6 Ga Ex h IIIC T50°C Da  
 -5°C ≤ Ta ≤ +37°C

**EN 17348 DT - Combustible dust collection**



## Characteristics



- Legally certified explosion proof/dust ignition proof
- Less than 10 ohms of resistivity
- HEPA filter with an efficiency of 99.995% at 0.3 micron. Tested IEST-RP-CC001. H14 by MPPS method as per EN 1822 and OSHA compliant. All of our HEPA vacuum systems are aerosol leak tested before leaving our facility - included
- Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the Pharmaceutical industry with optional stainless steel Type 304 cart
- Designed for applications where finely pulverized dusts are to be recovered
- Pneumatic (air-operated)
- Manual Filter Shaker (MFS) system
- For dry recovery only
- All stainless steel Type 304 construction (except cart)
- Stainless steel cart available
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Static dissipative poly liner and retainer clip for the easy and safe disposal of recovered materials - included
- Equipped with a 4-wheel cart and tool basket. Cart has static dissipative or conductive wheels
- Includes a complete static dissipative tool kit
- 35L detachable recovery tank made of SS304

## Specifications

SS-35 (DT) RE HEPA MFS	110407
Model Name	SS-35 (DT) RE HEPA MFS
Type (Powerhead)	Pneumatic
Venturi	Single
Venturi (diam.)	6 mm
Minimum Compressor	15 HP
Air Line Size (Diam.)	1/2" (12.7mm)
Input Air Volume	21.2 L/s
Input Air Pressure	5.5 Bar
Air Flow	204 m <sup>3</sup> /h
Vacuum Pressure	4570 mm H <sub>2</sub> O
Sound Level	72 dB(A)
Suction Inlet Port	50 mm
Cart Type	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)
Dust Recovery Tank	35 L
Length	66 cm
Width	56 cm
Height	117 cm
Weight (Vacuum Only)	37 kg.
HEPA/ULPA Filter Surface Size	6 500 cm <sup>2</sup>
Main Cloth Filter Surface Size	3 480 cm <sup>2</sup>

Please note that specifications are subject to change without notice

### Use only recommended tools & accessories



HEPA Filter - Included



Ø1.5" (Ø38 mm) Static Dissipative Tools and Accessories (Pneumatic) - Included



Conductive Polyliner Recovery Bag - Optional