

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)



Ex h IIC T6 Gb  
Ex h IIC 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)



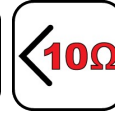
Complies with NFPA 77 "Recommended Practice on Static Electricity"



## Characteristics



EX Certified



Less than 10 ohms



Detachable Tank



HEPA - Included



High Filtration Efficiency Unit



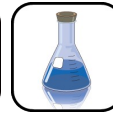
Dry Recovery



SS 304



SD Accessories - Included



Cleanroom Compatible



Pharma Applications

- 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 clip for the easy and safe disposal of recovered materials - available
- Equipped with a 4-wheel cart and tool basket. Cart has static dissipative or conductive wheels
- Includes a complete static dissipative tool kit

## Specifications

SS-20 (DT) RE HEPA MFS	110400
Model Name	SS-20 (DT) RE HEPA MFS
Type (Powerhead)	Pneumatic
Venturi	Single
Venturi (diam.)	6 mm
Minimum Compressor	15 HP
Air Line Size (Diam.)	1/2 "
Input Air Volume	45 CFM
Input Air Pressure	80 PSI
Air Flow	120 CFM
Vacuum Pressure	180 " H <sub>2</sub> O
Sound Level	72 dB(A)
Suction Inlet Port	2 "
Cart Type	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)
Dust Recovery Tank	6.6 Gal
Length	26 "
Width	22 "
Height	42 "
Weight (Vacuum Only)	78 lb.
HEPA/ULPA Filter Surface Size	7 ft <sup>2</sup>
Main Cloth Filter Surface Size	3.75 ft <sup>2</sup>

Please note that specifications are subject to change without notice

### Use only recommended tools & accessories



HEPA Filter - Included



Main Cloth Filter with Cage, Static Dissipative - Included



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



Conductive Polyliner Recovery Bag - Optional