

Characteristics



EXP1 Models Certified for:

CLEANING MACHINES For Hazardous Locations (Classes C1618 01 & C1618 81)
Class I, Division 1, Division 2, Group D, T3C and Class II, Division 1, Division 2, Groups E, F and G



GUARANTEED for the Safe Recovery of Combustible/Conductive Dusts

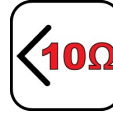
ESD Safe Vacuum Systems for Hazardous Locations are designed to prevent ignition hazards.
We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)



Complies with NFPA 77 "Recommended Practice on Static Electricity"



EX Certified



Less than 10 ohms



High Efficiency Cyclone



HEPA - Included



High Filtration Efficiency Unit



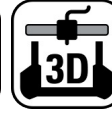
SS 304



Detachable Tank



SD Accessories - Included



3D Printing



- Powder Recovery System (PRS) for 3D Printing and Additive Manufacturing
- Suitable for all AM applications (both plastic & metal)
- Facilitates the extraction & recovery of powder from the AM machine powder bed and build chamber
- The integrated cyclonic pre-separator can separate and collect up to 98% of the powder before it enters the vacuum
- The powder is recovered in the detachable recovery tank made of stainless steel Type 304
- Recovered powder can be easily disposed or re-used depending on the application
- Meets NFPA 484 for Additive Manufacturing paragraph 13.4.1 – Equipment listed for Class II, Group E atmospheres
- Meets NFPA 484 for Powder and Dust Collection paragraph 11.2.4.4.1 – Cyclone without filter media
- ATEX & IECEx Certified for Conductive dusts Group IIIC
- Provides a very high protection level in the collection tank

Specifications

| EXP1-20 DT (PRS-HEC) RE HEPA WITH 3D TOOL KIT | 113220A-3D |
|---|---|
| Model Name | EXP1-20 DT (PRS-HEC) RE HEPA WITH 3D TOOL KIT |
| Type (Powerhead) | Electric |
| TEFC Motor | Yes |
| Tension | 120 V |
| Frequency | 60 Hz |
| Phase | Single |
| Wattage | 1000 W |
| Power | 1.3 HP |
| Amperage | 9 A |
| Air Flow | 132 CFM |
| Vacuum Pressure | 69 " H ₂ O |
| Sound Level | 78/85 dB(A) |
| Type of Power Outlet | Not Included |
| Recovery Capacity (Tank) | 6.5 gal. |
| Length | 44 " |
| Width | 22 " |
| Height | 53 " |
| Weight (Vacuum Only) | 216 lb. |
| Cord Length | 50 ft. |

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



EXP1-20 DT (PRS-HEC) RE HEPA Sideview 1



EXP1-20 DT (PRS-HEC) RE HEPA Sideview 2



3D Tool Kit for 2" camlock suction inlet - included



Optional 3D Accessories



Extra recovery tank with lid to facilitate the refresh and re-use of the recovered powders (Part# 223001-ASM1) - Optional