



SS-IT EX (TC) HEPA

Aluminum Vacuum - Wet Recovery
 Can be used with Mineral Oil or
 any other neutralizing liquid
(Pneumatic Air Operated)



GUARANTEED to be capable of safely recovering combustible/conductive dusts &/or flammable liquids.

Designed for use in Class I, Division 1, Groups A, B, C and D T6 and Class II, Division 1, Groups E, F, G, Hazardous Locations as defined in the National Electric Code (NFPA 70)

Description: Model SS-IT EX (TC) HEPA Explosion Proof Vacuum Cleaner, tilting cart with Immersion Recovery Drum System for recovery of Explosive Dust. Pneumatic (Air) operated, single venturi, 110 cfm and 180" of waterlift @ 80 psi and 45 cfm on a .05" air line (no downsizing).

Characteristics



CE Ex II 2 G/D c IIC T6 (85°C)
LCIE 03 ATEX 6310

INCLUDES:

- HEPA filter; efficiency of 99.995% on 0.3 microns
- Interceptor Drum for the recovery of flammable dust. Made entirely of stainless steel, splash guard system. Flammable conductive dust produced from alloys and explosive powders are recovered directly into the Immersion recovery drum and neutralized in liquid such as oil, water, etc.
- 2" Vacuum intake with leak proof fittings, camlock type, meets MIL SPEC-C-27487
- 2" Stainless steel drain valve
- Baffle to prevent splashing
- Cone to prevent liquids and powders from accumulation
- Tilt cart for easy emptying
- Non-sparking wheels, front wheels lock
- Liquid Level Indicator Tube

TOOLS AND ACCESSORIES INCLUDED:

- 1.5" x 10' Kanaflex static dissipating suction hose assembly
- 0.5" x 50' Grounded air supply hose w/quick disconnect brass couplings
- 1.5" x 54" Stainless steel and aluminum wand
- 1.5" x 18" Aluminum floor tool for wet and dry recovery, with brass wheels and adjustable height, includes squeegee blades and conductive bristles
- 1.5" x 11" Aluminum crevice tool
- 1.5" x 10" Conical nozzle
- 1.5" x 5" Dusting brush
- MultiMeter
- 1.5" x 30' Kanaflex suction / air hose assembly, includes Kanaflex hose assembly and air supply hose.



Optional Sanders not included .



10' Kanaflex hose included

Stainless steel SAE 304 Interceptor Tank and Drain Valve and powder coated Tilting Cart. Less than 10 Ohms of resistivity. This unit is equipped with a true HEPA Filter (H14) located downstream. This unit has been designed for the recovery of small quantities of metallic, conductive and explosive dusts into an immersion liquid bath such as water, parafin oil, mineral oil, etc. This unit renders any hazardous dust inert. This unit can be converted for the recovery of fuel, solvents and acids. The heavy duty powder coated Tilting Cart allows for the unit to be tilted backwards so that contents can be emptied into a recovery container for disposal.

Specifications

	Unit	SS-IT EX (TC) RE HEPA
Part#		110411
Weight	Lbs	115
Dimensions	Inches	H54 × W26 × L32
Dry Recovery	Gal	1.3
Vacuum Pressure	Inches H ₂ O	120
Air Flow	CFM	120
Venturi		Single
Minimum Compressor HP	HP	15
Air Line Size		3/8"
Input Air Volume	CFM	45
Input Air Pressure	PSI	80
Airjet		5mm

High Efficiency Particulate Air Filter

A HEPA filter is a type of air filter, which means it filters the air coming in or out of the vacuum cleaner system. It can remove at least 99.99% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.3 micron or larger.

North-America: Each HEPA Filter has a minimum filtration efficiency of 99.99% on 0.3 micron. Tested as per IEST-RP-CC001.3 and OSHA compliant.

Europe: Each HEPA Filter has a minimum filtration efficiency of 99.995% on 0.3 micron, rated H14 as per EN 1822 by MPPS method.

Explosion Proof Requirement

In order for the manufacturer to legally certify an Explosion Proof/Dust Ignition Proof vacuum cleaner system the unit must be static dissipative (SD*) and conductive and have a resistivity measuring less than 10 Ohms to any point on the vacuum cleaner system. This makes the unit eligible to be Explosion Proof/Dust Ignition Proof and be part of the manufacturer's quality control management system ISO 9001:2008.

When using a pneumatic Explosion Proof Vacuum Cleaner System the customer must make sure that the source of air supply (compressor) is grounded.

Ex-Mat Recovery



The manufacturer, **GUARANTEES**, that these units can be used to safely recover combustible /conductive dusts and/or flammable liquids.

The ATEX marking certifies only, by its Ingress of Protection (IP), the capacity of the vacuum cleaner to be in the presence of combustible /conductive dusts and/or flammable liquids but does not certify the capacity of the vacuum cleaner to recover them.