



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

Characteristics



Cleanroom Applications



Pharma Applications



Dry Recovery



Stainless Steel AISI 304



Explosion Proof



Resistivity: Less than 10 ohms



Coalescing Filter Element



- Designed for the recovery and neutralization of conductive and explosive dust into a liquid immersion bath
- Less than 10 Ohms of resistivity
- *Cleanroom compatible. Can be used in the pharmaceutical industry
- All stainless steel SAE 304
- Recovery capacity of 1 gallon (4 liters) of dust into 5 gallons (20 liters) of neutralizing liquid
- Drain valve for easy disposal of recovered materials
- Based on a 4-Wheel dolly
- Coalescing Filter Element (CFE) for moisture removal - included
- Strainer Basket for mud recovery - optional
- Includes a Kanaflex Connection Hose, SD*
- Accessories available

All stainless steel SAE 304 construction. Less than 10 Ohms of resistivity. This unit is cleanroom compatible and can be used in the pharmaceutical industry. Designed for the recovery and neutralization of conductive and explosive dust into a liquid immersion bath. The Immersion Separator is equipped with a splash guard system with cone and baffles to direct the dust into the neutralizing liquid. Flammable dusts and neutralizing agents are easily disposed of through the drain valve. The Immersion Separator must be attached to an explosion proof vacuum cleaner system. A Coalescing Filter Element is included for moisture removal.

Specifications

	Unit	IT-25 (4W) CFE
Part#		211012-CFE
Filter Cleaning		NONE
Wet Recovery	L	18.9
Dry Recovery	L	3.8

Explosion Proof Requirement

In order for Tiger-Vac 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 Tiger-Vac'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



Tiger-Vac, as 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 it's 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.

Coalescing Filter Element

The Coalescing filter element is used for the removal of solid particles, water and oil aerosols.

COALESCING FILTER ELEMENT - Included

Part#	Qty	Description
214779	1	REPLACEMENT COALESCING FILTER ELEMENT CARTRIDGE FOR ITFE

SIEVE BASKET - Optional

Part#	Qty	Description
214985	1	SIEVE BASKET FOR IT-25 -STAINLESS STEEL AISI 304

CONNECTING HOSES - Included

Part#	Qty	Description
381396	1	KANAFLEX CONNECTION HOSE SD* Ø1.5"(38mm)x5'(1.5m)FOR IT-25 W/2" FEMALE CAMLOCK&1.5" FEMALE CAMLOCK

TOOLS AND ACCESSORIES - Optional

Part#	Qty	Description
381400A	1	KANAFLEX SUCTION HOSE ASSEMBLY SD* Ø1.5"(38mm)x10'(3m)W/1.5"FEMALE CAMLOCK ALUMINUM,HOSE CUFF&RING
381364A	1	WAND ASSEMBLY (2PCS) -STAINLESS STEEL WITH ALUMINUM ATTACHMENT & TAPER FOR USE WITH HOSE CUFF&RING
381236	1	UNIVERSAL TOOL SD* W/CONDUCTIVE BRUSH STRIPS,RUBBER BLADES,BRASS AXLE&WHEELS Ø1.5"(38mm)x18"(45.7cm)
381372D	1	CREVICE TOOL, Ø1.5"(38mm)x11"(27.9cm) -STAINLESS STEEL (FOR USE WITH HOSE CUFF & RING)

TOOLS AND ACCESSORIES - Optional		
Part#	Qty	Description
383462D	1	CONICAL NOZZLE ASSEMBLY w/CURVED TIP 10"(25cm)CONDUCTVE RUBBER FOR HOSE CUFF&RING(383462M+381147D)
381147D	1	CONNECTOR, MALE, EXPANDER -STAINLESS STEEL (FOR USE WITH PRESSURE FIT HOSE CUFF WITH RING)
381185DA	1	DUSTING BRUSH -ALUMINUM SD* 5"(12.5cm) WITH CONDUCTIVE BRISTLES FOR USE WITH HOSE CUFF & RING
211065	1	GROUND CONTINUITY TESTER

RUPTURE DISK - Optional		
Part#	Qty	Description
214679	1	2"(50mm)RUPTURE DISK ASSEMBLY INCLUDES DISK HOLDER & SS FLANGEES (MUST BE FACTORY INSTALLED)

WARNINGS:

Only tools and accessories provided by Tiger-Vac shall be used with this Immersion Separator. Any other tools used will render the warranty null and void and may cause an explosion which could result in bodily harm. Tiger-Vac will not assume any responsibility for damage that may occur due to the improper use or handling of the Immersion Separator.

Do not exceed the recommended vacuum performance of 145 CFM (246 M³/H) and 130" H₂O (3302 mm H₂O)