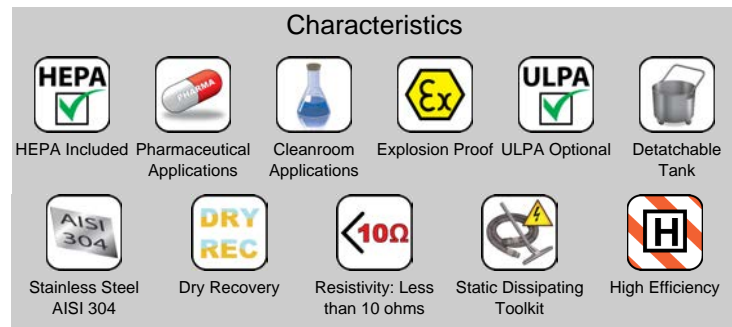




CE II 2 G/D c IIC T6 (85°C)
LCIE 03 ATEX 6310



- Legally certified explosion proof/dust ignition proof vacuum cleaner
- Less than 10 Ohms of resistivity
- HEPA Filter - Included with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822.
- *Cleanroom compatible. Can be used in the pharmaceutical industry with optional stainless steel cart
- Designed for applications where finely pulverized dust is to be recovered
- Pneumatically (air) operated
- Available with Manual Filter Shaker (MFS) system
- For dry recovery only
- All stainless steel AISI 304 construction (except cart). Stainless steel cart available
- Detachable recovery tank (DT) for easy disposal of recovered materials. Recovery capacity of 6.25 gallons (25 liters)
- Poly liner and clip included for the easy and safe disposal of recovered materials
- Equipped with a 4-wheel cart
- Complete static dissipating tool kit and suction hose included

SS-20L EX (MFS) RE HEPA SINGLE VENTURI Shown

All stainless steel AISI 304 construction (except cart). Less than 10 Ohms of resistivity. This unit is equipped with a true HEPA (H14) Filter located downstream. This unit is cleanroom compatible and can be used in the pharmaceutical industry when equipped with an optional stainless steel cart. This unit has been designed for applications where finely pulverized dust is to be recovered. This dry only unit contains a Manual Filter Shaker (MFS) system. All of our HEPA vacuum cleaners are DOP Leak Tested before leaving our facility.

Specifications for model SS-20L EX (MFS) RE HEPA SINGLE VENTURI

Compressor Specifications

Name	Part Number	Filter Cleaning	Dry Recovery	Vacuum Pressure	Air Flow	Venturi	Ideal Compressor HP	Input Air Pressur	Aire Line Size	Input Air Volume
SS-20L EX (MFS) RE HEPA SINGLE VENTURI	110400	MFS*	19 L	5080 mm H ₂ O	51.9 L/s	Single Venturi with 6mm airjet	15 HP	80 PSI / 1160.3 Bar	1/2"	21.2 L/s
Dimensions: H104.1 cm x W61 cm x L58.4 cm Weight: 27.22 Kg Noise Level: 75 dB(A)										

* - MFS - Manual Filter Shaker

MFS - Manual Filter Shaker System



(illustration shows a top-mounted shaker)

The Manual Filter Shaker system allows the operator to clean the main filter without having to open the vacuum cleaner. This shaker System reduces maintenance down time.

The Manual Filter Shaker System consists of a spring action mechanism operating directly onto the filter cage located inside of the filter chamber. The system is operated by pressing on the ergonomic handle located on the side or top of the filter chamber.

The Manual Filter Shaker dislodges the accumulated caked-on dust from the filter thus improving the filter's performance.

The filter, along with the filter cage, can be easily removed from the filter chamber and washed with lukewarm water and mild detergents.

10 Ohms - 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 from the grounded air supply hose 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 9001:2000.

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

DT - Detachable Recovery Tank



Many of our vacuum cleaners come equipped with a detachable tank for the easy disposal of recovered materials. Our detachable tanks range in size from 20 to 160 liters (5.28 gal to 42.25 gal) and are available in stainless steel or powder coated, with or without wheels for maneuverability.

HEPA - 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 IES-RP-CC001.3.

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



Arc Technologies

Worldwide Technology For Controlled Environments

Web site: www.arc technologies.co.uk

email: achambers@arc technologies.co.uk

Tel: +(44)0115 928 1508

Warning:

For the recovery of metallic dusts, it is recommended that this unit be used in conjunction with an immersion separator

Only tools and accessories provided by Tiger-Vac shall be used with this vacuum cleaner. 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 vacuum cleaner system.



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