



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

Characteristics



HEPA Included



Pharmaceutical Applications



Cleanroom Applications



Explosion Proof



ULPA Optional



Stainless Steel
AISI 304



Resistivity:
Less than 10
ohms



Wet & Dry
Applications



Static
Dissipating
Toolkit



High Efficiency



SS-10 4W RE Shown

- 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. Or ULPA Filter - Optional with an efficiency of 99.999% on 0.12 micron. Tested: IEST RP-CC001.3. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST RP-CC001.3. U15 by MPPS method as per EN 1822.
- *Cleanroom compatible. Can be used in the pharmaceutical industry
- For general cleanup in hazardous locations
- Pneumatically (air) operated
- For wet and dry recovery
- All stainless steel AISI 304 construction (except cart). Stainless steel cart available
- Recovery tank capacity of 10 - 55 gallons (38 - 209 liters)
- Optional poly liner and clip available for the easy and safe disposal of recovered materials
- Based on a 4-wheel dolly or on a 4-wheel tilting cart to allow for easy emptying of recovered materials
- Complete static dissipating tool kit and suction hose included

All stainless steel AISI 304 construction (except cart). Less than 10 Ohms of resistivity. These units are equipped with a true HEPA Filter (H14) located downstream. These are wet & dry vacuum cleaners. Recovery capacity of between 10 to 55 gallons (38 to 209 liters). All of our HEPA vacuum cleaners are DOP Leak Tested before leaving our facility.



Arc Technologies

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Specifications for model SS-10 TO 55 RE SERIES

Compressor Specifications

Name	Part Number	Wet Recovery	Dry Recovery	Vacuum Pressure	Air Flow	Venturi	Ideal Compressor HP	Input Air Pressure	Aire Line Size	Input Air Volume
SS-10 (4W) BASE MODEL	110262	28.5 L	22.8 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: H83.8 cm x W45.7 cm Weight: 8.16 Kg Noise Level: 70 dB(A)									
SS-10 (4W) RE HEPA	110269	28.5 L	22.8 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: H83.8 cm x W45.7 cm Weight: 30.84 Kg Noise Level: 70 dB(A)									
SS-15 (4W) RE HEPA	110325	47.5 L	38 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: H99.1 cm x W45.7 cm Weight: 30.84 Kg Noise Level: 70 dB(A)									
SS-15 (TC) RE HEPA	110272	47.5 L	38 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: H99.1 cm x W68.6 cm Weight: 37.19 Kg Noise Level: 70 dB(A)									
SS-25 (TC) RE HEPA	110276	64.6 L	57 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: H109.2 cm x W68.6 cm Weight: 39.01 Kg Noise Level: 70 dB(A)									
SS-55 (TC) RE HEPA SINGLE VENTURI	110313	171 L	152 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: H127 cm x W71.1 cm Weight: 72.12 Kg Noise Level: 70 dB(A)									
SS-55 (TC) RE HEPA TWIN VENTURI	110317	171 L	152 L	5842 mm H ₂ O	92 L/s	Twin Venturi with 6mm airjet	30 HP	700 PSI / 10152.8 Bar	1"	33 L/s
	Dimensions: H127 cm x W71.1 cm Weight: 72.12 Kg Noise Level: 70 dB(A)									

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.

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 MPPS method.

ULPA - Ultra Low Penetration Air Filter

A ULPA filter is a type of air filter. It can remove at least 99.999% of dust, pollen, mould, bacteria and any other airborne particles with a size of 0.12 microns or larger.

North-America: Each ULPA Filter has a minimum filtration efficiency of 99.999% on 0.12 micron. Tested as per IES-RP-CC001.3.

Europe: Each ULPA Filter has a minimum filtration efficiency of 99.9995% on 0.18 micron, rated U15 as per EN 1822 by MPPS method.



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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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