


CE 0081  II 2 G/D Ex d IIB T4 Ex tD A21
IP65 - T135°C
LCIE 03 ATEX 6295

Characteristics



Continuous Duty



Explosion Proof



HEPA Optional



Stainless Steel
AISI 304



Activated Carbon



Resistivity: Less
than 10 ohms



Wet Recovery
Only



Hydrocart



- Legally certified explosion proof/dust ignition proof by a recognized testing laboratory
- Less than 10 Ohms of resistivity
- HEPA Filter - Optional with an efficiency of 99.995% on 0.3 micron. Tested: IEST RP-CC001.3. H14 by MPPS method as per EN 1822.
- Three-Phase motor
- Fuel and solvent recovery
- Equipped with a Middle Ring with Activated Carbon (MRAC) for adsorption of toxic/nuisance fumes and vapors
- Carbon cartridge contains 18 lbs (8 kg) of activated carbon pellets. Different types or carbon are available
- Recovery capacity of 15 gallons (57 liters) - liquid and 17 gallons (64 liters) - dry
- Equipped with a heavy duty powder coated hydraulic cart for easy emptying of recovered materials

CD-25 AC TE (HY-C) Shown

All stainless steel SAE 304 construction (except cart) with red and yellow bands. Less than 10 Ohms of resistivity. This unit is equipped with Middle Ring with Activated Carbon (MRAC) cartridge for the adsorption of toxic/nuisance fumes and vapors. An optional true HEPA Filter (H14) is also available. Different types of carbon are available. This fuel and solvent recovery vacuum cleaner is specifically designed for the recovery of highly flammable, toxic liquids. This vacuum cleaner system is ideal for the de-fueling and de-puddling of fuel tanks and wings on military or civilian airplanes, as well as for recovering fuel spills. All parts of the vacuum cleaner system has electrical continuity and bonding techniques to ensure static dissipation. Grounding reels are also available for added security. This unit is equipped with a heavy duty powder coated Hydraulic Cart for easy emptying of recovered materials. The heavy duty powder coated Hydraulic Cart allows for the unit to be lifted up to 36" (91 cm) above the ground so that contents can be emptied into a recovery container for disposal.

We're sorry the specifications for this model are unavailable at this time.

Please contact one of our sales representatives for more information.

MRAC - Middle Ring with Activated Carbon

Activated carbon is used for the adsorption of toxic/nuisance fumes and vapors. Tiger-Vac offers a variety of activated carbons for the recovery of fuels, mercury, chloride and acid vapors and for Arsine and Phosphine.

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 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.

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.

Tools & Accessories

ACTIVATED CARBON CARTRIDGE - Included		
Part#	Quantity	Description
211044C	1	ACTIVATED CARBON 4mm PELLETS REGULAR TYPE BAG=55LBS (25 Kg)

TOOLS AND ACCESSORIES - Included		
Part#	Quantity	Description
381100	1	NITRILE SUCTION HOSE ASSEMBLY SD* Ø0.75"(19mm)x25'(7.5m) FOR Ø1.5"(38mm) CAMLOCK INTAKE -ALUMINUM
211030	1	AIR SUPPLY HOSE ASSEMBLY SD* Ø0.5"(12.7mm)x50'(15m) WITH 1 MALE QUICK DISC. & 1 FEMALE QUICK DISC.
211065	1	GROUND CONTINUITY TESTER

GROUNDING REEL - Optional		
Part#	Quantity	Description
211191	1	GROUNDING REEL WITH STAINLESS STEEL CABLE WITH AIRCRAFT GROUNDING CLAMP 50'(15m)

Warning:

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

Do not push or move vacuum cleaner when Hydrocart is raised because there is a danger that the unit might tip over

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



Arc Technologies

Worldwide Technology For Controlled Environments

Web site: www.arctechnologies.co.uk

email: achambers@arctechnologies.co.uk

Tel: +(44)0115 928 1508