









CD-IT EX (CFE) HY-C

EXPLOSION PROOF / DUST IGNITION PROOF VACUUM CLEANER SYSTEM
ELECTRICALLY OPERATED ON HYDRAULIC CART
CD-IT EX (CFE) HY-C



Characteristics:

 Stainless Steel	 Explosion proof	 Continuous duty	
 SD Toolkit included	 Coalescing Filter Element	 Hydraulic Cart	 Resistivity: Less than 10 Ω


 Legally certified for use in
 NFPA (NEC) 70-500
 Class I-Groups D and
 Class II-Groups E, F and G.
 (Group E – 3 phase motor available)

- Legally certified CSA for North America and LCIE for Europe.
- Continuous duty single or 3-phase motor.
- For metal dust recovery into an immersion bath.
- To recover conductive and explosive dust into a liquid bath such as water, paraffin oil, mineral oil, etc. This unit, along with the Immersion Separator, renders any hazardous dust inert.
 - a) conductive dust, including aluminum, magnesium, zirconium, perchlorate powder or any other commercial alloys, especially when two or more metal dusts are combined together.
 - b) unspent gun powder, sulphur, heat powder, anode powders or any other explosive dust.
- This unit can be converted for the recovery of fuel, solvents and acids. For further details, please contact our technical representatives.
- All Stainless Steel AISI 304 construction (except cart).
- Coalescent filter element for moisture removal (CFE).
- Heavy duty powder coated hydraulic cart allows for unit to be lifted upwards and emptied.
- This vacuum cleaner system, along with its accessories, is grounded to ensure static dissipation and conductivity during use. **The entire unit has a resistivity of less than 10 ohms (see reverse for details)**

Tiger-Vac®

...The name to vacuum with

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Performance chart

Model	Phase/Volts 60 Hz	Electric current	Electric power	Airflow	Vacuum at sealed orifice	VRV Set	Recovery capacity (dry/liquid)
Legally certified for use in Class I - Group D T3C, class II - Groups F and G.							
CD-IT EX (CFE) HY-C	1/120	22 A	2 HP	160 CFM	70" H ₂ O	60" H ₂ O	1 gal./5 gal
	1/230	11 A	2 HP	160 CFM	70" H ₂ O	60" H ₂ O	1 gal./5 gal
	3/230	5.8 A	2 HP	160 CFM	70" H ₂ O	60" H ₂ O	1 gal./5 gal
	3/460	2.9 A	2 HP	160 CFM	70" H ₂ O	60" H ₂ O	1 gal./5 gal
	3/575	2.3 A	2 HP	160 CFM	70" H ₂ O	60" H ₂ O	1 gal./5 gal
Legally certified for use in Class I - Group D T3C, class II - Groups E, F and G.							
CD-IT EX (CFE) HY-C	3/230	5.8 A	2 HP	160 CFM	70" H ₂ O	60" H ₂ O	1 gal./5 gal
	3/460	2.9 A	2 HP	160 CFM	70" H ₂ O	60" H ₂ O	1 gal./5 gal
	3/575	2.3 A	2 HP	160 CFM	70" H ₂ O	60" H ₂ O	1 gal./5 gal
Dimensions: L49" (125cm) x W20" (51cm) x H51" (130cm). 363lbs (165kg)							

Hydraulic cart:



Hydraulic cart allows for the unit to be lifted up to 36" (91cm) above ground so that contents can be emptied into a recovery container for disposal.

Warning:

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



Included tools and accessories Ø1 ½" (38 mm)



1	381400B	Kanaflex suction hose, SD*, Ø1.5" (38mm) x 10' (3m).
2	381364A	Wand Assembly with aluminum attachment, 2 pcs, stainless steel
3	381236	Universal Tool Assembly, SD*, 18" (46cm), aluminum with conductive brushes & rubber blades.
4	381372D	Crevice Tool, 11" (28cm), stainless steel
5	381185DA	Dusting Brush, with conductive brush, Ø 5" (13cm), aluminum with stainless steel adaptor.
6	383462D	Conical Nozzle with curved tip, 10" (25cm), conductive rubber with stainless steel adaptor.

*SD: Static Dissipative and Conductive

WARNING!

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 any 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.

10 Ohms :

In order 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 the Tiger-Vac's quality control management system ISO 9001:2000.

For complete details please visit our website: WWW.TIGER-VAC.COM or contact one of our technical representatives.
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