

TIGER-VAC · II 2GD EX H IIC T6 GB / EX H IIIC T85°C DB -- LCIE 03 ATEX 6310 X -- IECEx LCIE 17.0076 X -- EN 17348 LC

## Tiger-Vac SS-55 HRS TE (HY-C)



The Tiger-Vac SS-55 HRS TE (HY-C) is the flagship model in the pneumatic TE series -- largest tank (151 L dry / 170 L liquid), 50 mm inlet for high-volume recovery, and High Recovery System with coalescing filter for optimal liquid/vapour separation. The combination of high capacity and fine filtration makes it well suited for heavy defense operations: defueling of transport aircraft (C-130, tankers), recovery of larger fuel spills, or standalone use as mobile VOC control in hangars. Hydro Cart (HY-C) is indispensable at this size -- a full 170 L liquid tank weighs 170+ kg. ATEX II 2GD T6 + IECEx + EN 17348 LC, 'GUARANTEED for the Safe Recovery of Flammable Liquids'.

### APPLICATIONS

- Defueling and depuddling of military aircraft (F-35, legacy fighters) in hangars
- Recovery of JP-8, Jet A-1 and diesel spills around refueling stations
- Depot work with fuel residues in defense logistics (NSN/NATO)
- Civilian aviation MRO -- wing-tank emptying during service checks
- Chemical industry with flammable solvents (toluene, acetone, alcohols) in Zone 1/21

# Technical specifications

<b>ATEX marking</b>	II 2GD Ex h IIC T6 Gb / Ex h IIIC T85°C Db -- LCIE 03 ATEX 6310 X -- IECEx LCIE 17.0076 X -- EN 17348 LC
<b>Internal / external zone</b>	-- / 21
<b>Motor type</b>	Pneumatisk venturi-aggregat (single, 6 mm), ingen elektriske komponenter -- ATEX T6 (Tmax 85 °C)
<b>Airflow</b>	204 m <sup>3</sup> /h
<b>Vacuum</b>	448 mbar (4570 mmH <sub>2</sub> O)
<b>Container</b>	151 L
<b>Sound pressure</b>	75 dB(A)
<b>Filter class</b>	Stainless steel mesh filter
<b>Filter type</b>	Rustfri mesh (213433) + coalescerende filter-element (HRS-specifikt)
<b>Primary filter</b>	Mesh-filter 213433 + coalescerende element + strainer basket 211796.
<b>Cleaning system</b>	Ingen (manuel) -- mesh-filter aftages og skylles; coalescerende element er forbrugsartikel
<b>Collection system</b>	Detachable container
<b>Material</b>	AISI 304 rustfri staal
<b>Air consumption</b>	1272 nl/min
<b>Supply pressure</b>	5.5 bar
<b>Air supply hose</b>	Diameter 12.7 mm
<b>Venturi units</b>	1 pcs
<b>Inlet</b>	Diameter 50 mm
<b>Dimensions (L x W x H)</b>	510 x 1240 x 1520 mm

# Questions and answers

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## When do I choose SS-55 HRS TE over SS-55 (TC) TE?

Choose HRS when working with aerosolised liquids or where vapour emission is an active concern (e.g. hangars with poor ventilation, or operations close to personnel). HRS has a coalescing filter that reduces VOC vapour in the exhaust. Choose (TC) when you need standard bulk recovery -- typically in large-scale spill cleanup where vapour level is not critical. HRS is also heavier and has Hydro Cart (required due to weight and full-tank handling), while (TC) has Tilt Cart (lighter, simpler emptying).

# Contact and advisory

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## PARTICULAIR

### Particulair

Højtoften 12

2690 Karlslunde, Denmark

CVR: 34129894

Phone: (+45) 70 23 12 03

E-mail: [sales@particulair.com](mailto:sales@particulair.com)

Web: [particulair.eu](http://particulair.eu)

**Product page:** [particulair.eu/ex-vac/en/fuel-solvent/ss-55-hrs-te-hy-c/](http://particulair.eu/ex-vac/en/fuel-solvent/ss-55-hrs-te-hy-c/)

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