

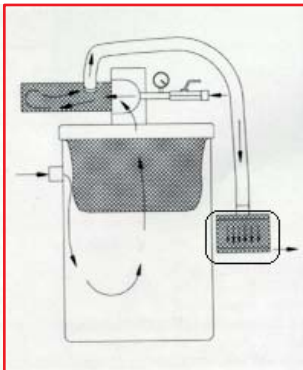
**EXPLOSION PROOF / DUST IGNITION PROOF VACUUM CLEANER SYSTEMS
PNEUMATIC (AIR) OPERATED**

Tangential (TE) Series - Single & Twin Venturi for Fuel and solvent Recovery



Models ranging from 28ℓ (7.5 gallons) to 171ℓ (45 gallons) Recovery Capacity

Our Tangential Exhaust Series (TE) are ideal for aircraft de-fueling and de-puddling. All the parts used in the construction of the vacuum system have electrical continuity and bonding techniques used to ensure static dissipation. All metallic parts are made of stainless steel and aluminium (except cart). Grounding is accomplished through the electrical cable or air supply hoses. Grounding reels are also available for added security. A variety of filtration and exhaust systems are available for the (TE) series, such as Activated Carbon (AC).



Activated Carbon Cartridge: acts like a molecular sponge and adsorbs odors and vapors produced during fuel and solvent recovery. The carbon cartridge is installed in a stainless steel housing box at the vacuum's tangential air exhaust (optional). Exhaust connectors and hoses for venting with diverse diameters are also available.

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Recovery Capacity And Dimensions

MODEL: NATO Stock Number:	SS-15 (TC) TE NSN: 7910-01-534-2885	SS-25 (TC) TE	SS-55 (TC) TE Single 7910-21-910-8810	SS-55 (TC) TE Twin 7910-21-908-3235
Recovery Capacity: Liquid: Dry:	12.5 gallons (48 litres) 10 gallons (39 litres)	17 gallons (65 litres) 15 gallons (57 litres)	45 gallons (171 litres) 40 gallons (151 litres)	45 gallons (171 litres) 40 gallons (151 litres)
Dimensions (vacuum only) Height: Weight*: Width:	39" (99 cm) 68 pounds (27.5 Kg) 18" (46 cm)	43" (109 cm) 83 pounds (37.5 Kg) 27" (69 cm)	50" (127 cm) 153 pounds (69.5 Kg) 28" (71 cm)	50" (127 cm) 159 pounds (72 Kg) 28" (71 cm)

*Vacuum cleaner system only

Specifications

Ideal Performance for all models with Single Venturi Systems (6mm Air Jet)

Compressor Size (HP)	Air Line Size	Input Air Pressure/Barr	Suction Intake Ø	Vacuum H2O	Airflow CFM / L/S
15/30	0.5" (12.7mm)	80 PSI /5.5	1.5" (38mm)	170" (4320mm)	110 /52
15/30	0.5" (12.7mm)	100 PSI /6.9	1.5" (38mm)	200" (5080mm)	95 /45

Ideal Performance for all models with Twin Venturi Systems (6mm Air Jet)

Compressor Size (HP)	Air Line Size	Input Air Pressure/Barr	Suction Intake Ø	Vacuum H2O "/mm	Airflow CFM / L/S
30/50	1" (25mm)	100 PSI /6.9	2" (50mm)	190" (4830mm)	180 /85

The above performance results are averages. Individual results may vary with different compressors and installations.

Standard Features for the Tangential Vacuum Cleaner System



Tilt cart for easy emptying



Strainer basket: separates solid particles from the recovered liquids.



Stainless steel drain valve



Nitrile defueling hose: fuel and oil resistant. This grounded hose is ideal for fuel cells.

A grounded, static dissipating air supply hose $\varnothing 1/2"$ x 50' (12.7mm x 15m) with quick disconnect is included with the vacuum cleaner system with single venturi. A grounded, static dissipating air supply hose $\varnothing 1"$ x 25' (25.4mm x 15m) with quick disconnect is included with the vacuum cleaner system with twin venturi. (Photo not shown). Optionnal tools and accessories for de-puddling available.

For complete details please visit our website: WWW.TIGER-VAC.COM or contact one of our technical representatives. Specifications are subject to change without notice. Tiger-Vac is a registered trademark.