

## EXPLOSION PROOF / DUST IGNITION PROOF VACUUM CLEANER SYSTEMS

### ELECTRICALLY OPERATED

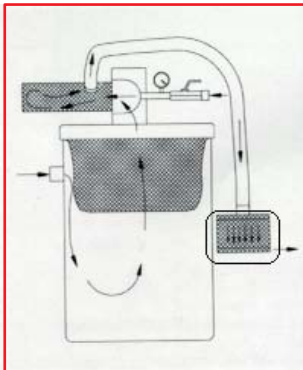
### Tangential Exhaust (TE) Series - Single Phase Motors for Fuel and solvent recovery.



Models ranging from 7.5 gallons (28ℓ) to 45 gallons (171ℓ) 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 - single phase

MODEL:	EXP1-15 (TC) TE	EXP1-25 (TC) TE	EXP1-55 (TC) TE
Liquid:	12.5 gallons (48 litres)	17 gallons (65 litres)	45 gallons (171 litres)
Dry:	10 gallons (38 litres)	15 gallons (57 litres)	40 gallons (152 litres)
Height:	39" (99 cm)	43" (109 cm)	50" (127 cm)
Weight*:	104 pounds (47 kg)	107 pounds (48.5 kg)	153 pounds (69.5 kg)
Width:	27" (69 cm)	27" (69 cm)	28" (71 cm)
Suction Intake ø	15 & 25 gallon: 1½" (38 mm), 55 gallon: 2" (50mm)		

\*Vacuum cleaner system only

**NATO Stock No.: 7910-21-910-8856**

## Specifications

All EXP1 TE Models (Single Phase Motors)	115 VOLTS, 60 Hz	230 VOLTS, 50 Hz
<b>Electrical requirements</b> Power consumption: Current draw:	1000 Watts 9 amps	1000 Watts 4.5 amps
<b>Performance</b> Air flow @ 2" (50mm) orifice: Vacuum pressure @ sealed orifice:	132 CFM 69" H <sub>2</sub> O	58 litres / second 1554 mm H <sub>2</sub> O
Noise level at 6' (1.8 m) Power cord length:	75 dB(A) 50'	75 dB(A) 15 metres

## 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.

## Optionnal tools and accessories for de-puddling available

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