



**GUARANTEED** to be capable of safely recovering combustible/conductive dusts &/or flammable liquids.

CE II 2 G/D c IIC T6 (85°C)

**LCIE 03 ATEX 6310** Vacuum Cleaner certified for providing an Equipment Protection Level of EPL Db and EPL Gb

### Characteristics



Explosion Proof



Resistivity: Less than 10 ohms



HEPA Optional



Wet & Dry Applications



Stainless Steel AISI 304



Activated Carbon



- Legally certified explosion proof/dust ignition proof by a recognized testing laboratory
- Less than 10 Ohms of resistivity
- Available with an optional Activated Carbon Cartridge for the adsorption of toxic/nuisance fumes and vapors
- Designed for aircraft de-fueling and de-puddling
- Pneumatically (air) operated
- For wet & dry recovery
- All stainless steel SAE 304 construction (except cart) with red and yellow bands
- Recovery capacity of 12.5 - 45 gallons (47.5 - 171 liters) - wet and 10 - 40 gallons (38 - 152 liters) - dry
- Equipped with an SD\* 4-wheel tilting cart for easy emptying of recovered materials

SD\* Static Dissipative

All stainless steel SAE 304 construction (except cart) with red and yellow bands. Less than 10 Ohms of resistivity. These units are available with an optional Activated Carbon Cartridge for the adsorption of toxic/nuisance fumes and vapors. Exhaust connectors and hoses for venting with diverse diameters are also available. These fuel and solvent recovery vacuum cleaners are specifically designed for the recovery of highly flammable, toxic liquids. These vacuum cleaner systems are 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 have electrical continuity and bonding techniques to ensure static dissipation. Grounding reels are also available for added security. NSN: 7910-01-534-2885NATO STOCK NUMBER: 7910-21-910-8810NATO STOCK NUMBER: 7910-21-908-3235NATIONAL STOCK NUMBER: 7910-20-001-8527

## Specifications

	Unit	SS-15 (TC) TE	SS-25 (TC) TE	SS-55 (TC) TE SINGLE VENTURI	SS-55 (TC) TE TWIN VENTURI
Part#		110270	110274	110278	110282
Weight	lbs	99	83	133	153
Filter Cleaning		NONE	NONE	NONE	NONE
Decibels	dB	70	70	70	70
Dimensions	Inches	H38 x W27 x L35	H43 x W27	H46 x W28 x L40	H50 x W28
Wet Recovery	Gal	12.5	17	45	45
Dry Recovery	Gal	10	15	40	40
Vacuum Pressure	Inches H <sub>2</sub> O	200	200	200	230
Air Flow	CFM	110	110	110	195
Venturi		Single	Single	Single	Twin
Minimum Compressor HP	HP	15	15	15	30
Air Line Size		1/2"	1/2"	1/2"	1"
Input Air Volume	CFM	45	45	45	70
Input Air Pressure	PSI	80	80	80	100
Airjet		6mm	6mm	6mm	6mm

## 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.

## Ex-Mat Recovery



Tiger-Vac, as the manufacturer, GUARANTEES, that these units can be used to safely recover combustible /conductive dusts and/or flammable liquids.

The ATEX marking certifies only, by it's Ingress of Protection (IP), the capacity of the vacuum cleaner to be in the presence of combustible /conductive dusts and/or flammable liquids but does not certify the capacity of the vacuum cleaner to recover them.

### LIQUID FILTER - Included

Part#	Qty	Description
213433	1	STAINLESS STEEL MESH FILTER w/CLAMP FOR SS/EXP1-xx TE SERIES (8.25" OD X 13" H)

### LIQUID FILTER FOR MODELS SS-15/25 (TC) TE - PREVIOUS VERSIONS PRIOR TO JUNE 18TH, 2012 - Optional

Part#	Qty	Description
211010	1	LIQUID FILTER ASSEMBLY SD* FOR 10/15/25 GAL EXP PROOF VACS

### LIQUID FILTER FOR MODELS SS-55 (TC) TE SINGLE AND TWIN VENTURI - PREVIOUS VERSIONS PRIOR TO JUNE 18TH, 2012 - Optional

Part#	Qty	Description
211016	1	LIQUID FILTER ASSEMBLY SD* FOR 55 GALLON EXP PROOF VACS



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STRAINER BASKET FOR MODELS SS-15/25 (TC) TE - Included		
Part#	Qty	Description
211795	1	STRAINER BASKET -STAINLESS STEEL (10,15&25 GALLON)

STRAINER BASKET FOR MODELS SS-55 (TC) TE SINGLE AND TWIN VENTURI - Included		
Part#	Qty	Description
211796	1	STRAINER BASKET -STAINLESS STEEL (55 GALLON)

FILTERS FOR DRY RECOVERY FOR MODELS SS-15/25 (TC) TE - Optional		
Part#	Qty	Description
211013	1	MAIN FILTER ASSEMBLY SD* FOR 10/15/25 GALLON EXPLOSION PROOF VACS

FILTERS FOR DRY RECOVERY FOR MODELS SS-55 (TC) TE SINGLE AND TWIN VENTURI - Optional		
Part#	Qty	Description
211019	1	MAIN FILTER ASSEMBLY SD* FOR 55 GALLON EXPLOSION PROOF VACS

EXHAUST FILTRATION FOR MODEL SS-15 (TC) TE - Optional		
Part#	Qty	Description
211022A	1	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH HEPA FILTER
211026A	1	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 15 GAL VAC(FILTER SOLD SEPARATELY)
211025	1	ULPA FILTER (U15)
211047	1	EXHAUST CONNECTOR ASSEMBLY WITH Ø2"(50mm) x 5'(1.5m) EXHAUST HOSE

EXHAUST FILTRATION FOR MODEL SS-25 (TC) TE - Optional		
Part#	Qty	Description
211022B	1	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH HEPA FILTER
211026B	1	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 25 GAL VAC (FILTER SOLD SEPARATELY)
211025	1	ULPA FILTER (U15)
211047	1	EXHAUST CONNECTOR ASSEMBLY WITH Ø2"(50mm) x 5'(1.5m) EXHAUST HOSE

EXHAUST FILTRATION FOR MODELS SS-55 (TC) TE SINGLE AND TWIN VENTURI - Optional		
Part#	Qty	Description
211022C	1	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH HEPA FILTER
211026C	1	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 55 GAL VAC (FILTER SOLD SEPARATELY)
211025	1	ULPA FILTER (U15)
211047	1	EXHAUST CONNECTOR ASSEMBLY WITH Ø2"(50mm) x 5'(1.5m) EXHAUST HOSE

ACTIVATED CARBON CARTRIDGE AND ACCESSORIES FOR MODEL SS-15 (TC) TE - Optional		
Part#	Qty	Description
211046A	1	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH ACTIVATED CARBON FILTER
211026A	1	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 15 GAL VAC(FILTER SOLD SEPARATELY)
211045	1	ACTIVATED CARBON FILTER CARTRIDGE (SQUARE)

ACTIVATED CARBON CARTRIDGE AND ACCESSORIES FOR MODEL SS-25 (TC) TE - Optional		
Part#	Qty	Description
211046B	1	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH ACTIVATED CARBON FILTER
211026B	1	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 25 GAL VAC (FILTER SOLD SEPARATELY)
211045	1	ACTIVATED CARBON FILTER CARTRIDGE (SQUARE)



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ACTIVATED CARBON CARTRIDGE AND ACCESSORIES FOR MODELS SS-55 (TC) TE SINGLE AND TWIN VENTURI - Optional		
Part#	Qty	Description
211046C	1	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH ACTIVATED CARBON FILTER
211026C	1	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 55 GAL VAC (FILTER SOLD SEPARATELY)
211045	1	ACTIVATED CARBON FILTER CARTRIDGE (SQUARE)

TOOLS AND ACCESSORIES FOR MODELS SS-15/25 (TC) TE SINGLE VENTURI - Included		
Part#	Qty	Description
381100	1	NITRILE DEFUELING SUCTION HOSE ASSEMBLY,SD*, Ø0.75"(19mm)x25'(7.5m) FOR Ø1.5"(38mm) CAMLOCK INTAKE -
211030	1	AIR SUPPLY HOSE ASSEMBLY SD* Ø0.5"(12.7mm)x50'(15m) WITH 1 MALE QUICK DISC. & 1 FEMALE QUICK DISC.
211033B	1	FEMALE QUICK DISCONNECT Ø0.5"(12.7mm) WITH Ø0.5"(12.7mm) FEMALE THREAD (BRASS)
211095C	1	HEX NIPPLE -BRASS (0.5"NPT)
211065B	1	MULTIMETER

TOOLS AND ACCESSORIES FOR MODEL SS-55 (TC) TE SINGLE VENTURI - Included		
Part#	Qty	Description
500126	1	NITRILE DEFUELING SUCTION HOSE ASSEMBLY SD* Ø0.75"(19mm)x25'(7.5m) FOR Ø2"(50mm) CAMLOCK INTAKE -ALU
211030	1	AIR SUPPLY HOSE ASSEMBLY SD* Ø0.5"(12.7mm)x50'(15m) WITH 1 MALE QUICK DISC. & 1 FEMALE QUICK DISC.
211033B	1	FEMALE QUICK DISCONNECT Ø0.5"(12.7mm) WITH Ø0.5"(12.7mm) FEMALE THREAD (BRASS)
211095C	1	HEX NIPPLE -BRASS (0.5"NPT)
211065B	1	MULTIMETER

TOOLS AND ACCESSORIES FOR MODEL SS-55 (TC) TE TWIN VENTURI - Included		
Part#	Qty	Description
500126	1	NITRILE DEFUELING SUCTION HOSE ASSEMBLY SD* Ø0.75"(19mm)x25'(7.5m) FOR Ø2"(50mm) CAMLOCK INTAKE -ALU
211032	1	AIR SUPPLY HOSE ASSEMBLY SD* Ø1"(25.4mm)x50'(15m) WITH 1 MALE QUICK DISC. & 1 FEMALE QUICK DISC.
211034B	1	FEMALE QUICK DISCONNECT Ø1"(25.4mm) WITH Ø1"(25.4mm) FEMALE THREAD (BRASS)
211034A	1	NIPPLE Ø1"(25.4mm)x2"(50mm) (BRASS)
211065B	1	MULTIMETER

TOOLS AND ACCESSORIES FOR MODELS SS-15/25 (TC) TE - REQUIRED IN ORDER TO CLEAN UP SPILLS OFF OF THE FLOOR - Optional		
Part#	Qty	Description
381050	1	NITRILE SUCTION HOSE ASSEMBLY, SD*, Ø1.5"(38mm)x10'(3m) FOR Ø1.5"(38mm) CAMLOCK INTAKE -ALUMINUM
381364	1	WAND ASSEMBLY (2PC) STAINLESS STEEL WITH ALUMINUM ATTACHMENT
381236	1	UNIVERSAL TOOL SD* W/CONDUCTIVE BRUSH STRIPS,RUBBER BLADES,BRASS AXLE&WHEELS Ø1.5"(38mm)x18"(45.7cm)
381188	1	CREVICE TOOL SD* 11"(27.9cm), ALUMINUM
381190	1	CONICAL NOZZLE ASSEMBLY 6"(15.2cm) -NITRILE
381219	1	CONICAL NOZZLE ASSEMBLY 21"(53.3mm) -NITRILE

TOOLS AND ACCESSORIES FOR MODELS SS-55 (TC) TE SINGLE AND TWIN VENTURI - REQUIRED IN ORDER TO CLEAN UP SPILLS OFF OF THE FLOOR - Optional		
Part#	Qty	Description
381123	1	NITRILE SUCTION HOSE ASSEMBLY, SD* Ø1.5"(38mm)x15'(4.5m) FOR Ø2"(50mm)CAMLOCK INTAKE -ALUMINUM
381364	1	WAND ASSEMBLY (2PC) STAINLESS STEEL WITH ALUMINUM ATTACHMENT



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**TOOLS AND ACCESSORIES FOR MODELS SS-55 (TC) TE SINGLE AND TWIN VENTURI - REQUIRED IN ORDER TO CLEAN UP SPILLS OFF OF THE FLOOR - Optional**

Part#	Qty	Description
381236	1	UNIVERSAL TOOL SD* W/CONDUCTIVE BRUSH STRIPS,RUBBER BLADES,BRASS AXLE&WHEELS Ø1.5"(38mm)x18"(45.7cm)
381188	1	CREVICE TOOL SD* 11"(27.9cm), ALUMINUM
381190	1	CONICAL NOZZLE ASSEMBLY 6"(15.2cm) -NITRILE
381219	1	CONICAL NOZZLE ASSEMBLY 21"(53.3mm) -NITRILE

**GROUNDING REEL - Optional**

Part#	Qty	Description
211191	1	GROUNDING REEL WITH STAINLESS STEEL CABLE WITH AIRCRAFT GROUNDING CLAMP 50'(15m)
211191-SPE	1	GROUNDING REEL (RED) WITH 50'(15m) CABLE & BAYONET PLUG

**MANUAL PUMP FOR MODELS SS-15/25 (TC) TE - Optional**

Part#	Qty	Description
212638	1	MANUAL PUMP ASSEMBLY WITH STAINLESS STEEL LID (25 GALLON)

**MANUAL PUMP FOR MODELS SS-55 (TC) TE SINGLE AND TWIN VENTURI - Optional**

Part#	Qty	Description
212640	1	MANUAL PUMP ASSEMBLY WITH STAINLESS STEEL LID & GASKET FOR 55 GALLON TANK

**AIR-OPERATED DIAPHRAGM PUMP ASSEMBLY - Optional**

Part#	Qty	Description
211934	1	DIAPHRAGM PUMP ASSEMBLY WITH CART (INCLUDES NITRILE SUCTION AND DISCHARGE HOSES)

**WARNINGS:**

For the recovery of metallic dusts, it is recommended that these units should be used in conjunction with an immersion separator

Only tools and accessories provided by Tiger-Vac shall be used with these vacuum cleaners. 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 these vacuum cleaner systems.



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