



ATEX 3rd Party Certified
CE 0081 II 2 GD
Ex d IIA T3 Gb
Ex t IIIC T200°C Db IP6X
LCIE 03 ATEX 6297



GUARANTEED for the Safe Recovery
of Combustible/Conductive Dusts and Flammable Liquids

ESD Safe Vacuum Cleaners for Hazardous Locations are
designed to prevent ignition hazards.
We use metal parts or Static Dissipative Powder Coating to
prevent Electrostatic Discharge (ESD)



Characteristics



EX Certified



Less than 10
ohms



Activated Carbon



Wet Recovery



SS 304

- Legally certified explosion proof/dust ignition proof.
- Less than 10 Ohms of resistivity.
- Available with an optional Activated Carbon Cartridge for the adsorption of toxic/noxious fumes and vapors
- Designed for aircraft de-Fueling and de-Puddling
- Single Phase explosion proof / dust ignition proof motor.
- For wet and dry recovery
- All Stainless Steel Type 304 construction (except cart).
- With Red & Yellow bands.
- Equipped with a heavy duty powder coated Tilting Cart and stainless steel Drain Valve for easy emptying of recovered materials.
- Stainless Steel cart available.

Specifications

EXP1-15 to 55 (TC) TE SERIES	110253B	110256B	110261B
Model Name	EXP1-15 (TC) TE	EXP1-25 (TC) TE	EXP1-55 (TC) TE
Type (Powerhead)	Electric	Electric	Electric
TEFC Motor	Yes	Yes	Yes
Voltage	230 V	230 V	230 V
Hertz	50 Hz	50 Hz	50 Hz
Phase	Single	Single	Single
Wattage	1000 W	1000 W	1000 W
Power	1 kW	1 kW	1 kW
Amperage	4.5 amps.	4.5 amps.	4.5 amps.
Air Flow	224 m ³ /h	224 m ³ /h	224 m ³ /h
Vacuum Pressure	1550 mm H ₂ O	1550 mm H ₂ O	1550 mm H ₂ O
Sound Level	78/85 dB(A)	78/85 dB(A)	78/85 dB(A)
Plug Type	Not Included	Not Included	Not Included
Suction Inlet	38 mm	38 mm	50 mm
Cart Type	Tilt Cart (TC)	Tilt Cart (TC)	Tilt Cart (TC)
Filter Cleaning	None	None	None
Dry Recovery - Tank	38 L	56.8 L	151 L
Wet Recovery Capacity	47.3 L	64.4 L	170 L
Length	76 cm	76 cm	102 cm
Width	69 cm	69 cm	76 cm
Weight (Vacuum Only)	46.3 kg.	47 kg.	68 kg.
Height	99 cm	109 cm	127 cm
Cord Length	15 m	15 m	15 m

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



Activated Carbon Cartridge for TE Series - Optional



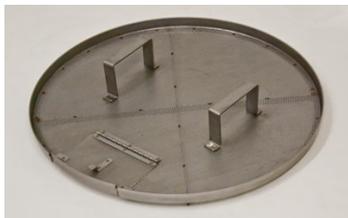
Nitrile Suction Hose - Included



EXP1-25 (TC) TE



EXP1-55 (TC) TE



Strainer Basket for TE Series - Included



Grounding reel with stainless steel housing and cable - Optional

European Headquarters

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ESD Safe Vacuum Cleaners for Hazardous Locations are designed to prevent ignition hazards. We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)



Specifications for EXP1-15 to 55 (TC) TE SERIES

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type	Dry Recovery - Tank
EXP1-15 (TC) TE	110253B	230 V	50 Hz	Single	1000 W	1 kW	4.5 amps.	224 m ³ /h	1550 mm H ₂ O	Not Included	38 L
	Dimensions: H99 cm x W69 cm x L76 cm Weight: 54 kg. Sound Level: 78/85 dB(A)										
EXP1-25 (TC) TE	110256B	230 V	50 Hz	Single	1000 W	1 kW	4.5 amps.	224 m ³ /h	1550 mm H ₂ O	Not Included	56.8 L
	Dimensions: H109 cm x W69 cm x L76 cm Weight: 47 kg. Sound Level: 78/85 dB(A)										
EXP1-55 (TC) TE	110261B	230 V	50 Hz	Single	1000 W	1 kW	4.5 amps.	224 m ³ /h	1550 mm H ₂ O	Not Included	151 L
	Dimensions: H127 cm x W76 cm x L102 cm Weight: 68 kg. Sound Level: 78/85 dB(A)										

Please note that specifications are subject to change without notice

Technical Sheet for EXP1-15 to 55 (TC) TE SERIES

FILTERS AND ACCESSORIES - Included	
Part #	Description
213433	STAINLESS STEEL MESH FILTER w/CLAMP FOR SS/EXP1-xx TE SERIES
STRAINER BASKET FOR MODELS EXP1-15/25 (TC) TE - Included	
Part #	Description
211795	STRAINER BASKET -STAINLESS STEEL (10,15&25 GALLON)
STRAINER BASKET FOR MODEL EXP1-55 (TC) TE - Included	
Part #	Description
211796	STRAINER BASKET -STAINLESS STEEL (55 GALLON)
EXHAUST FILTRATION - Optional	
Part #	Description
211047	EXHAUST CONNECTOR ASSEMBLY WITH Ø2"(50mm) x 5'(1.5m) EXHAUST HOSE

ACTIVATED CARBON CARTRIDGE AND ACCESSORIES FOR MODEL EXP1-15 (TC) TE - Optional	
Part #	Description
211046A	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH ACTIVATED CARBON FILTER
211026A	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 15 GAL VAC(FILTER SOLD SEPARATELY)
211045	ACTIVATED CARBON FILTER CARTRIDGE (SQUARE)

ACTIVATED CARBON CARTRIDGE AND ACCESSORIES FOR MODEL EXP1-25 (TC) TE - Optional	
Part #	Description
211046B	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH ACTIVATED CARBON FILTER
211026B	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 25 GAL VAC (FILTER SOLD SEPARATELY)
211045	ACTIVATED CARBON FILTER CARTRIDGE (SQUARE)

ACTIVATED CARBON CARTRIDGE AND ACCESSORIES FOR MODEL EXP1-55 (TC) TE - Optional	
Part #	Description
211046C	ASSEMBLED STAINLESS STEEL HOUSING BOX WITH ACTIVATED CARBON FILTER
211026C	STAINLESS STEEL HOUSING BOX FOR HEPA/CARBON FILTER WITH HOSE FOR 55 GAL VAC (FILTER SOLD SEPARATELY)
211045	ACTIVATED CARBON FILTER CARTRIDGE (SQUARE)

TOOLS AND ACCESSORIES FOR MODELS EXP1-15/25 (TC) TE - Included	
Part #	Description
381100	NITRILE DEFUELING SUCTION HOSE ASSEMBLY,SD*, Ø0.75"(19mm)x25'(7.5m) FOR Ø1.5"(38mm) CAMLOCK INTAKE -
211065B	MULTIMETER

TOOLS AND ACCESSORIES FOR MODEL EXP1-55 (TC) TE - Included	
Part #	Description
500126	NITRILE DEFUELING SUCTION HOSE ASSEMBLY SD* Ø0.75"(19mm)x25'(7.5m) FOR Ø2"(50mm) CAMLOCK INTAKE -ALU
211065B	MULTIMETER

TOOLS AND ACCESSORIES FOR MODELS EXP1-15/25 (TC) TE - REQUIRED IN ORDER TO CLEAN UP SPILLS OFF OF THE FLOOR - Optional	
Part #	Description
381050	NITRILE SUCTION HOSE ASSEMBLY, SD*, Ø1.5"(38mm)x10'(3m) FOR Ø1.5"(38mm) CAMLOCK INTAKE -ALUMINUM
381364	DOUBLE BEND WAND ASSEMBLY (2pc) 1.5"(38mm) x 54"(137cm), STAINLESS STEEL w/ALUMINUM TOOL COUPLING
381236	UNIVERSAL TOOL SD* w/CONDUCTIVE BRUSH STRIPS, RUBBER BLADES, BRASS AXLE & WHEELS, 1.5" x18",ALUMINUM
381188	CREVICE TOOL SD*, 1.5" (38mm) x 11" (28cm), ALUMINUM
381190	CONICAL NOZZLE ASSEMBLY, 6" (15cm) NITRILE
381219	CONICAL NOZZLE ASSEMBLY 21"(53cm), NITRILE

TOOLS AND ACCESSORIES FOR MODEL EXP1-55 (TC) TE - REQUIRED IN ORDER TO CLEAN UP SPILLS OFF OF THE FLOOR - Optional	
Part #	Description
381121	NITRILE SUCTION HOSE ASSEMBLY, SD* Ø1.5"(38mm)x10'(3m) FOR Ø2"(50mm) CAMLOCK INTAKE -ALUMINUM
381364	DOUBLE BEND WAND ASSEMBLY (2pc) 1.5"(38mm) x 54"(137cm), STAINLESS STEEL w/ALUMINUM TOOL COUPLING
381236	UNIVERSAL TOOL SD* w/CONDUCTIVE BRUSH STRIPS, RUBBER BLADES, BRASS AXLE & WHEELS, 1.5" x18",ALUMINUM
381188	CREVICE TOOL SD*, 1.5" (38mm) x 11" (28cm), ALUMINUM
381190	CONICAL NOZZLE ASSEMBLY, 6" (15cm) NITRILE
381219	CONICAL NOZZLE ASSEMBLY 21"(53cm), NITRILE

GROUNDING REEL - Optional	
Part #	Description
211191	GROUNDING REEL, 50ft (15m), STAINLESS STEEL HOUSING & CABLE, WITH AIRCRAFT GROUNDING CLAMP
211191-SPE	GROUNDING REEL, 50ft (15m), STAINLESS STEEL HOUSING & CABLE, WITH BAYONET PLUG

MANUAL PUMP ASSEMBLY FOR MODELS EXP1-15/25 (TC) TE - Optional	
Part #	Description
212638	MANUAL PUMP ASSEMBLY WITH STAINLESS STEEL LID (25 GALLON)

MANUAL PUMP ASSEMBLY FOR MODEL EXP1-55 (TC) TE - Optional	
Part #	Description

212640	MANUAL PUMP ASSEMBLY WITH STAINLESS STEEL LID & GASKET FOR 55 GALLON TANK
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AIR-OPERATED DIAPHRAGM PUMP ASSEMBLY - Optional	
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Part #	Description
211934	DIAPHRAGM PUMP ASSEMBLY WITH CART (INCLUDES NITRILE SUCTION AND DISCHARGE HOSES)

MALE PLUG AND FEMALE RECEPTACLE - CLASS I - GROUP D AND CLASS II GROUPS F & G - Optional	
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Part #	Description
211912	PLUG, EXPLOSION PROOF, 120V 15AMPS, MODEL UGP-15231QW, NEMA CONFIGURATION 5-15P
211913	RECEPTACLE EXPLOSION PROOF MODEL CRH ENR5201, 120V, 1PHASE, 15 & 20 AMPS



LCIE

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| <p>1 AVENANT D'ATTESTATION D'EXAMEN CE DE TYPE</p> <p>2 Appareil ou système de protection destiné à être utilisé en atmosphères explosibles (Directive 94/9/CE)</p> <p>3 Numéro de l'avenant :
LCIE 03 ATEX 6297 / 03</p> <p>4 Appareil ou système de protection :
Aspirateur
Type : EXP1-xx (yy)</p> <p>5 Demandeur : TIGER VAC INTERNATIONAL INC.</p> <p>15 DESCRIPTION DE L'AVENANT</p> <p>Mise à jour normative suivant les normes EN 60079-0:2009, EN 60079-1:2007 et EN 60079-31:2009.</p> <p>Les équipements sont les suivants :
EXP1-25(IT), EXP1-25(HRS), EXP1-25(AC), EXP1-10(DT), EXP1-10(4W), EXP1-15(4W), EXP1-15(TC), EXP1-25(TC), EXP1-55(TC).</p> <p>Les résultats des vérifications et essais figurent dans le rapport confidentiel N° 114100-626870-02</p> <p><u>Paramètres spécifiques du ou des modes de protection concerné(s) :</u></p> <p>Inchangés.</p> <p><u>Le marquage doit être :</u></p> <p>Modifié comme suit :
TIGER VAC INTERNATIONAL INC.
Adresse : ...
Type : ... (l'un des types mentionnés ci-dessus)
N° de fabrication : ... Année de fabrication : ...</p> <p>Option 1 : moteur type 114560(120V) et 114587(240V) :
⊕ II 2GD Ex d IIA T3 Gb Ex t IIIC T200°C Db IP6X</p> <p>Option 2 : moteur type 122055-00(240V) :
⊕ II 2GD Ex d IIA T4 Gb Ex t IIIC T120°C Db IP65</p> <p>LCIE 03 ATEX 6297
AVERTISSEMENT- NE PAS OUVRIR SOUS TENSION</p> | <p>1 SUPPLEMENTARY EC TYPE EXAMINATION CERTIFICATE</p> <p>2 Equipment or protective system intended for use in potentially explosive atmospheres (Directive 94/9/EC)</p> <p>3 Supplementary certificate number :
LCIE 03 ATEX 6297 / 03</p> <p>4 Equipment or protective system :
Vacuum cleaner
Type : EXP1-xx (yy)</p> <p>5 Applicant : TIGER VAC INTERNATIONAL INC.</p> <p>15 DESCRIPTION OF THE SUPPLEMENTARY CERTIFICATE</p> <p>Normative update according to standards EN 60079-0:2009, EN 60079-1:2007 and EN 60079-31:2009.</p> <p>The equipments are follow :
EXP1-25(IT), EXP1-25(HRS), EXP1-25(AC), EXP1-10(DT), EXP1-10(4W), EXP1-15(4W), EXP1-15(TC), EXP1-25(TC), EXP1-55(TC).</p> <p>The examination and test results are recorded in confidential report N° 114100-626870-02</p> <p><u>Specific parameters of the concerned protection mode:</u></p> <p>Unchanged.</p> <p><u>The marking shall be :</u></p> <p>Modified as following :
TIGER VAC INTERNATIONAL INC.
Address: ...
Type: ... (one of types mentioned above)
Serial number: ... Year of construction : ...</p> <p>Option 1: motor type 114560(120V) and 114587(240V) :
⊕ II 2GD Ex d IIA T3 Gb Ex t IIIC T200°C Db IP6X</p> <p>Option 2 : motor type 122055-00(240V) :
⊕ II 2GD Ex d IIA T4 Gb Ex t IIIC T120°C Db IP65</p> <p>LCIE 03 ATEX 6297
WARNING-DO NOT OPEN WHEN ENERGIZED</p> |
| <p>16 DOCUMENTS DESCRIPTIFS</p> <p>Dossier de certification N° TVATEX1206A rév.6 du 08/06/2012.
Ce dossier comprend 2 rubriques (18 pages).</p> <p>17 CONDITIONS SPECIALES POUR UNE UTILISATION SURE</p> <p>Néant.</p> | <p>16 DESCRIPTIVE DOCUMENTS</p> <p>Certification file N° TVATEX1206A rev.6 dated 06/08/2012.
This file includes 2 items (18 pages).</p> <p>17 SPECIAL CONDITIONS FOR SAFE USE</p> <p>None.</p> |

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| <p>13 ANNEXE</p> <p>14 AVENANT D'ATTESTATION D'EXAMEN CE DE TYPE</p> <p>LCIE 03 ATEX 6297 / 03</p>
<p>18 EXIGENCES ESSENTIELLES DE SECURITE ET DE SANTE</p> <p>Couvertes par les normes EN 60079-0:2009, EN 60079-1:2007 et EN 60079-31:2009.</p> <p>19 VERIFICATIONS ET ESSAIS INDIVIDUELS</p> <p>Néant.</p>
<p>Fontenay-aux-Roses, le 19 juillet 2012</p> | <p>13 SCHEDULE</p> <p>14 SUPPLEMENTARY EC TYPE EXAMINATION CERTIFICATE</p> <p>LCIE 03 ATEX 6297 / 03</p>
<p>18 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS</p> <p>Covered by standards EN 60079-0:2009, EN 60079-1:2007 and EN 60079-31:2009.</p> <p>19 ROUTINE VERIFICATIONS AND TESTS</p> <p>None.</p> |
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