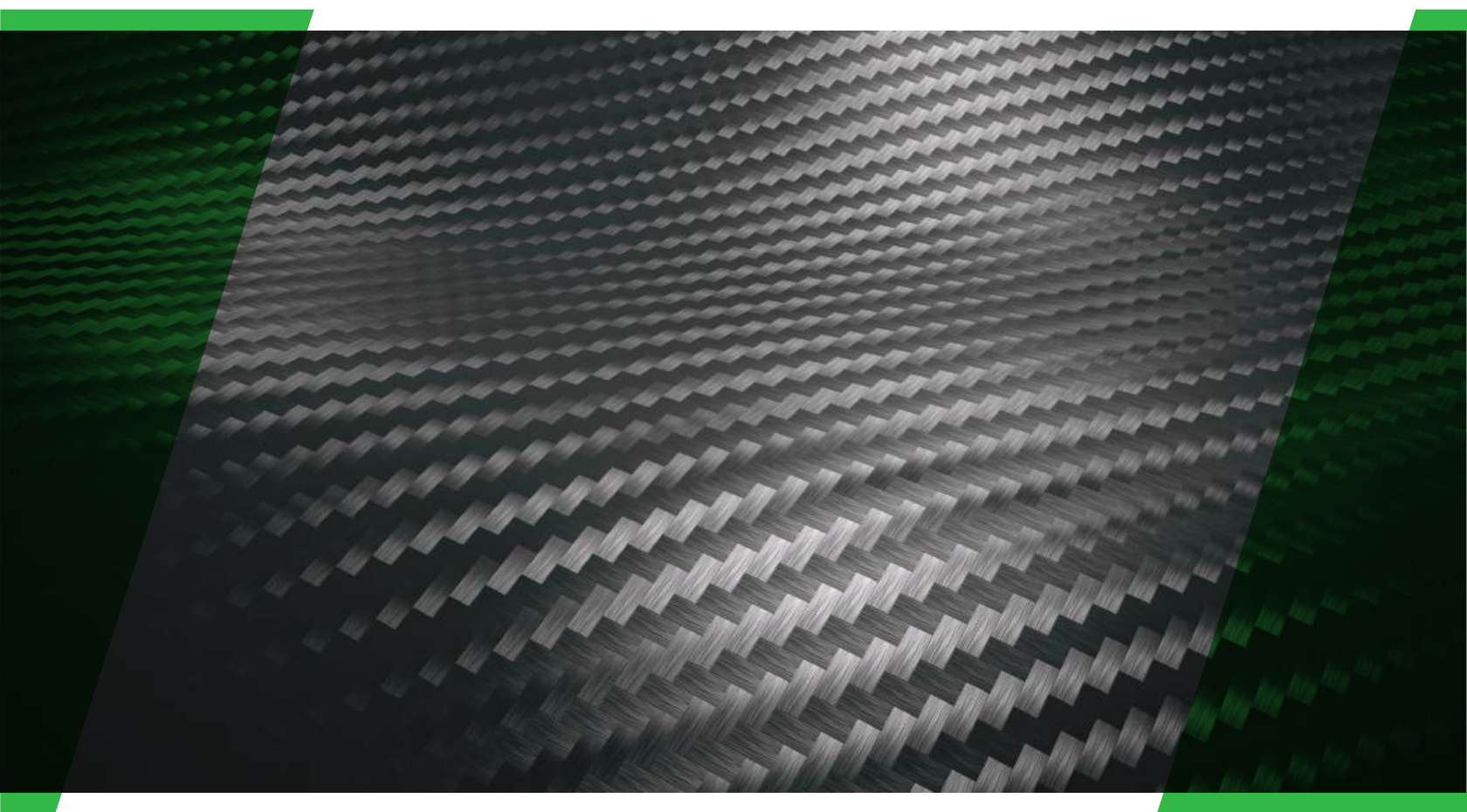


Tiger-Vac[®]
...THE NAME TO VACUUM WITH
SINCE 1983

COMPOSITES MANUFACTURING
CARBON FIBER · CERAMIC · FIBERGLASS · METAL · POLYMER



TIGER-VAC.COM

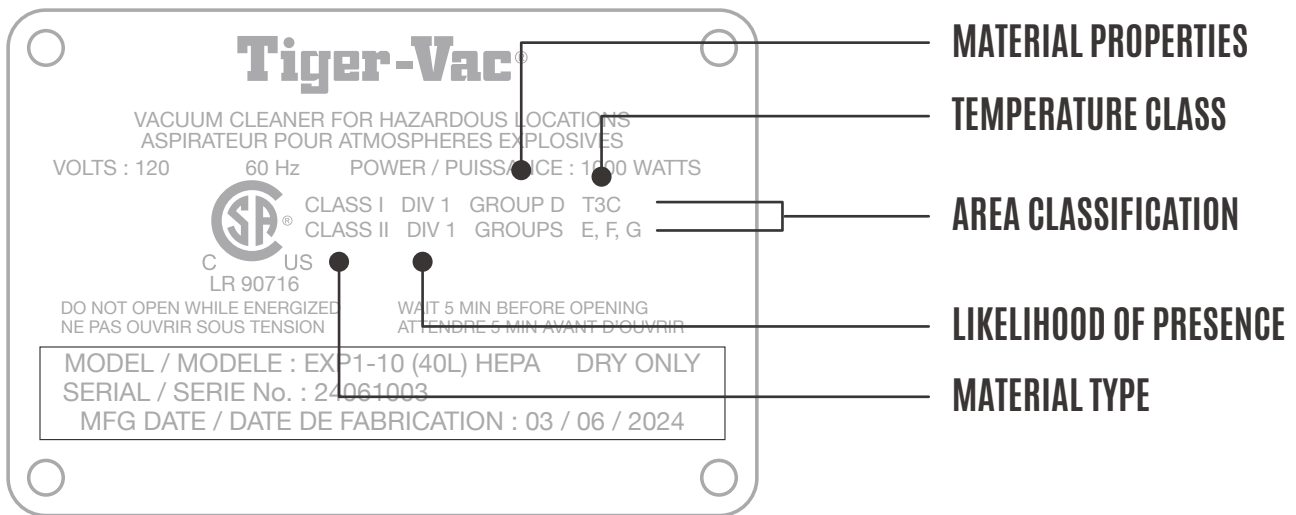
CHOOSE SAFETY, CHOOSE **Tiger-Vac®**

Since 1983, Tiger-Vac® has led the charge in the design and manufacture of third-party legally certified explosion proof industrial vacuum systems, to ensure the safety of workers around the world.

With over 200 specialized systems in our portfolio, we offer:

- Dry recovery vacuums for both combustible and non-combustible powders
- Dust collectors for capturing both combustible and non-combustible powders that are airborne or at source
- Wet & dry recovery vacuums for acid and chemical spills, fuels, and powders
- Welding fume extractors
- High efficiency cyclones to collect and/or reuse unused raw materials
- Immersion systems for collecting reactive metal powders
- Systems to help maintain cleanrooms up to ISO Class 4
- Division 1, Division 2, and Ordinary Locations systems
- NFPA-652 compliant systems

Speak to our team of technical representatives for professional assistance in choosing the right solution for your unique application. All Tiger-Vac systems are compliant with ATEX, NFPA, CSA, ETL, and IECEx safety standards.



	SUBSTANCE	SETTING	CLASSIFICATION	VOLATILITY
CLASS I	Flammable gases, vapors, or liquids	<ul style="list-style-type: none"> • Oil refinery • Paint Warehouse • Oil rig • Spray booth 	Div.1 (Hazard likely)	MOST ● ● LEAST
			Div.2 (Hazard not likely)	
CLASS II	Combustible dusts	<ul style="list-style-type: none"> • Coal mine • Grain silo • Munitions factory • Hay storage 	Div.1 (Hazard likely)	
			Div.2 (Hazard not likely)	
CLASS III	Ignitable fibers and flyings	<ul style="list-style-type: none"> • Paper mill • Woodworking • Textile mill • Cotton gin 	Div.1 (Hazard likely)	
			Div.2 (Hazard not likely)	



DESIGNED TO SAFELY RECOVER DUST, DEBRIS, AND FIBERS

**SINGLE
PHASE**

3 MOTORS (INDIVIDUAL)

Can be used individually or simultaneously

HEPA FILTER

- Filtration efficiency of 99.97% at 0.3 micron
- 10.8 ft² filter surface area

CONDUCTIVE FILTER ASSEMBLY

- Washable star-shaped polyester main filter
- 21 ft² filter surface area

MANUAL FILTER SHAKER

Dislodges caked-on powders

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

70 mm TANGENTIAL INLET AND CYCLONE

Separates fine particles from large particles

DETACHABLE TANK WITH SIGHT GLASS

Easy access to recovered powders

TOOL BASKET

Tool storage allows for efficient organization and easy access to tools on the go

CONDUCTIVE WHEELS

Prevents static buildup



26 Gal. (100 L)
AVAILABLE

DRY RECOVERY

TV-200

MFS HEPA ORDLOC-652

16 Gal. (60 L)

VOLTAGE	120 V	SOUND LEVEL	70 dB(A)
POWER	3.2 HP	VAC. PRESSURE	71.5 in. H ₂ O
AMPERAGE	15.8 A	WEIGHT	143 lb.
AIR FLOW	270 CFM	CORD LENGTH	30 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



3-MOTOR POWERHEAD

- Independently activate each motor
- Pressure gauge
- Filter blockage indicator



DESIGNED TO SAFELY RECOVER DUST, DEBRIS, AND FIBERS



**THREE
PHASE**

*Continuous
Duty 24-7*

TEFC THREE-PHASE MOTOR

Greater power, efficiency, and usable life

HEPA FILTER

- Filtration efficiency of 99.995% at 0.3 micron
- 10.8 ft² filter surface area

CONDUCTIVE FILTER ASSEMBLY

- Washable star-shaped polyester main filter
- 21 ft² filter surface area

MANUAL FILTER SHAKER

Dislodges caked-on powders

70 mm TANGENTIAL INLET AND CYCLONE

Separates fine particles from large particles

DETACHABLE TANK WITH SIGHT GLASS

Easy access to recovered powders

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

CONDUCTIVE WHEELS

Prevents static buildup

DRY RECOVERY

TV-730

MFS HEPA ORDLOC-652

16 Gal. (60 L)

VOLTAGE	460 or 575 V	VAC. PRESSURE	104 in. H ₂ O
POWER	4.6 HP	SOUND LEVEL	72 dB(A)
AMPERAGE	5.8 to 7.3 A	WEIGHT	303 lb.
AIR FLOW	185 CFM	CORD LENGTH	30 ft.

DRY RECOVERY

TV-740S

MFS HEPA ORDLOC-652

26 Gal. (100 L)

VOLTAGE	208-230 to 575 V	VAC. PRESSURE	110 in. H ₂ O
POWER	6 HP	SOUND LEVEL	74 dB(A)
AMPERAGE	7.6 to 15.6 A	WEIGHT	305 lb.
AIR FLOW	294 CFM	CORD LENGTH	30 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



DESIGNED FOR PROCESSING AREA, HEAVY CLEANUP, ETC.

**THREE
PHASE**

*Continuous
Duty* **24-7**

TEFC THREE-PHASE MOTOR

Greater power, efficiency, and usable life

HEPA FILTER

- Filtration efficiency of 99.995% at 0.3 micron
- 10.8 ft² filter surface area

CONDUCTIVE FILTER ASSEMBLY

- Washable star-shaped polyester main filter
- 38 ft² filter surface area

MANUAL FILTER SHAKER

Dislodges caked-on powders

70 mm TANGENTIAL INLET AND CYCLONE

Separates fine particles from large particles

DETACHABLE TANK WITH SIGHT GLASS

Easy access to recovered powders

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate



DRY RECOVERY

TV-775 8.5 HP

(DT) MFS HEPA ORDLOC-652

26 Gal. (100 L)

VOLTAGE	460 or 575 V	VAC. PRESSURE	93 in. H ₂ O
POWER	8.5 HP	SOUND LEVEL	74 dB(A)
AMPERAGE	10.4 or 13.3 A	WEIGHT	550 lb.
AIR FLOW	353 CFM	CORD LENGTH	30 ft.

DRY RECOVERY

TV-775 11.5 HP

(DT) MFS HEPA ORDLOC-652

26 Gal. (100 L)

VOLTAGE	460 or 575 V	VAC. PRESSURE	93 in. H ₂ O
POWER	11.5 HP	SOUND LEVEL	76 dB(A)
AMPERAGE	13.6 or 17.3 A	WEIGHT	550 lb.
AIR FLOW	494 CFM	CORD LENGTH	30 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



PROTECTED AGAINST INGRESS OF DUST **IP6X**

DESIGNED FOR REMOVING FINE PARTICLES ON CLOTHING Personal Cleaning Station

WM | WALL MOUNTED

HH | HAND HELD

2 CLASS H14 HEPA FILTERS

Filtration efficiency of 99.995% at 0.3 micron

FILTER BLOCKAGE INDICATOR

Indicates loss of suction

SINGLE PHASE

HD | HEAVY DUTY

2-STAGE BYPASS MOTOR

Greater power, efficiency, and usable life

STAINLESS STEEL 430

Corrosion resistant and easy to decontaminate

STATIC DISSIPATIVE TOOLS

Prevents static buildup



WALL-MOUNTING

Mounting brackets for safe wall fixing



DRY RECOVERY

2D-1

(PCS-WM) HEPA ORDLOC-652 2 Gal. (7.5 L)

VOLTAGE	120 V	SOUND LEVEL	75 dB(A)
POWER	1.6 HP	VAC. PRESSURE	107 in. H ₂ O
AMPERAGE	10.5 A	WEIGHT	25 lb.
AIR FLOW	110 CFM	CORD LENGTH	20 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



DESIGNED FOR CONTINUOUS REMOVAL OF AIRBORNE DUST PARTICLES OR BULKY DEBRIS

OPTION 1

STATIC CONDUCTIVE HOSE AND BULK WAND

Moisture and UV resistant hose,
and 4 in. wand
for the recovery of
bulky debris



HEPA EXHAUST

- Filtration efficiency of 99.995% at 0.3 micron
- Acts as a silencer for a quiet operation

SINGLE
PHASE

THREE
PHASE

600-700 CFM

Continuous
Duty 24-7

TEFC MOTOR

CENTRIFUGAL BLOWER

CONDUCTIVE HEPA MAIN FILTER

Washable star-shaped polyester filter

MANUAL FILTER SHAKER

Dislodges caked-on powders

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

4 in. INLET

Available with 4 in. bulk wand, or with support elbow
with flange for 4 in. dust extraction arm

CONDUCTIVE WHEELS

Prevents static buildup

26 Gal. (100 L)
AVAILABLE

DRY RECOVERY

PDC-200

(DT) MFS HEPA ORDLOC-652

16 Gal. (60 L)

VOLTAGE	120 to 575 V	SOUND LEVEL	72 dB(A)
POWER	1.5 or 2 HP	WEIGHT	147 lb.
AMPERAGE	1.5 to 13.2 A	CORD LENGTH	30 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM

OPTION 2

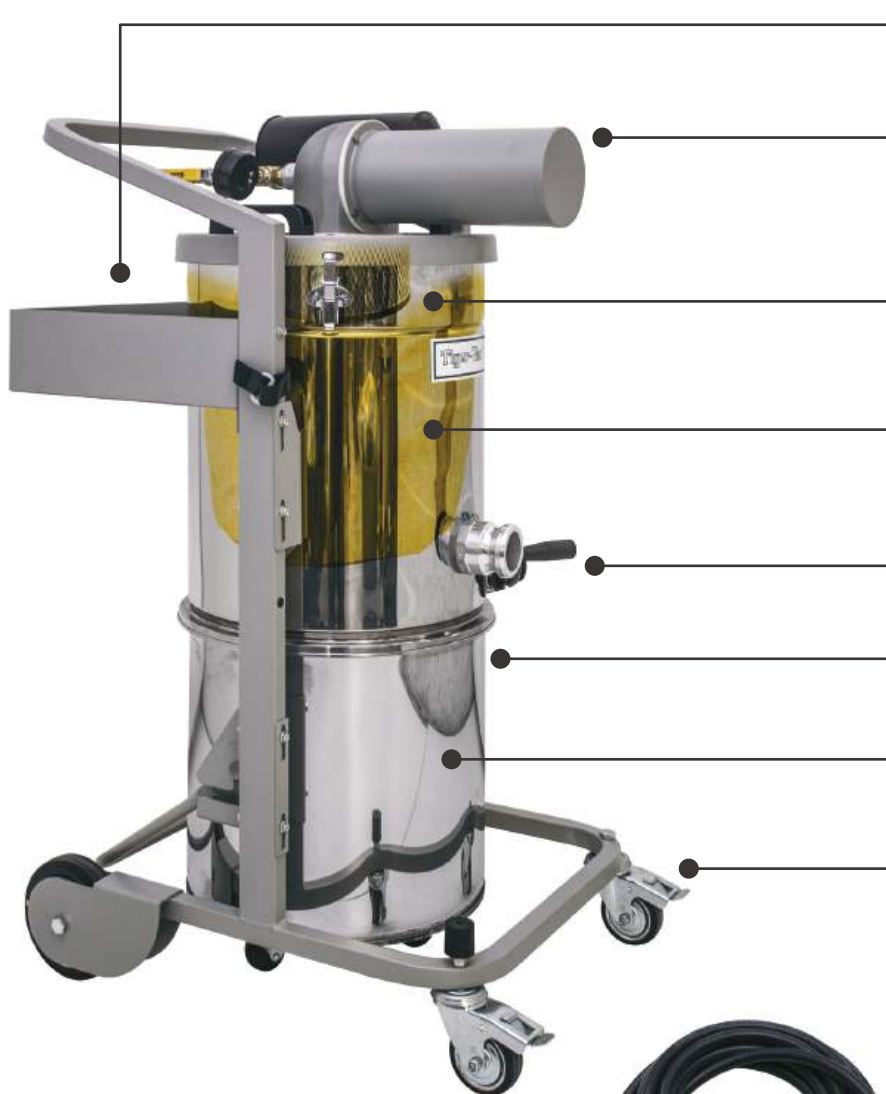
EXTRACTION ARM

For the recovery of airborne dust
(includes support elbow and flange)





DESIGNED FOR
POWDER COATING APPLICATIONS
 CLASS I, GROUP D • CLASS II, GROUPS F, G



TOOL BASKET

Onboard tool storage

SINGLE VENTURI

- Very low surface temperature
- Consistent performance
- Quiet operation

UPSTREAM HEPA FILTER

- Filtration efficiency of 99.995% at 0.3 micron
- 5.4 ft² filter surface area

STATIC DISSIPATIVE FILTER

Washable PTFE main filter assembly

MANUAL FILTER SHAKER

Dislodges caked-on powders

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

DETACHABLE TANK

Easy disposal of recovered powders

CONDUCTIVE WHEELS

Prevents static buildup



ESD SAFE

DRY RECOVERY

AVSD-35L

DT MFS HEPA

9.2 Gal. (35 L)

MIN. COMPRESSOR	15 HP	SOUND LEVEL	73 dB(A)
AIR LINE SIZE (Diam.)	0.5 in.	AIR FLOW	120 CFM
AIR VOLUME	45 CFM	VAC. PRESSURE	180 in. H ₂ O
AIR PRESSURE	80 PSI	WEIGHT	38 lb.



STATIC DISSIPATIVE TOOLKIT

- SD crushproof hose
- SD Air supply hose
- Double bend wands
- SD crevice tool
- Aluminum floortool with conductive bristles

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



POINT OF GENERATION DUST CONTROL FOR THE RECOVERY OF HAZARDOUS AND COMBUSTIBLE DUST

Dustless Sanding



20 ft. SUCTION/AIR LINE HOSE

- Static dissipative and conductive
- Crushproof

TOOL BASKET

Onboard tool storage allows for efficient organization and easy access to tools on the go

2 OUTLETS · 0.25 in.

Sanding tool connection

INLET · 0.75 in.

Air line connection

HAZARDOUS DUST

Provides a very high filtration efficiency for the collection of hazardous dust

HEPA FILTER

- Filtration efficiency of 99.995% at 0.3 micron
- 5.4 ft² filter surface area

STATIC DISSIPATIVE FILTER

- Washable PTFE main filter assembly
- 3.75 ft² filter surface area

DUAL PORT

Allowing two operators to work simultaneously

STAINLESS STEEL 430

Corrosion resistant and easy to decontaminate

METAL DUST

Provides a very high level of protection inside the recovery tank



ESD SAFE
DRY RECOVERY

AVSD-40L (2+2W) HEPA SK

5 Gal. (19 L) CONDUCTIVE RECOVERY BAG

MIN. COMPRESSOR	15 HP	CART TYPE	2+2 Wheels
AIR LINE SIZE (Diam.)	0.75 in.	AIR FLOW	120 CFM
AIR VOLUME	45 CFM	VAC. PRESSURE	180 in. H ₂ O
AIR PRESSURE	80 PSI	WEIGHT	38 lb.



DUSTLESS HANDTOOLS

Tiger-Vac® has a large selection of optional dustless hand tools for sanding and corrosion control

PROVEN SOLUTIONS FOR **SAFER** WORKPLACES



TIGER-VAC.COM | 1 800 668 4437



DESIGNED TO KEEP YOUR MANUFACTURING FACILITY CLEAN AND SAFE CLASS II, GROUPS F, G

**SINGLE
PHASE**

DUAL BYPASS/DUAL SPEED
AMETEK[®]
LONG-LIFE MOTORS



5 CLASS H14 HEPA FILTERS

- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft² filter surface area

STATIC DISSIPATIVE FILTER

Washable main cloth filter

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

MANUAL FILTER SHAKER

Dislodges caked-on powders

DETACHABLE TANK

Easy access to recovered powders

CONDUCTIVE WHEELS

Prevents static buildup

DRY RECOVERY

4D-35L EX DT MFS HEPA

9.2 Gal. (35 L)

VOLTAGE	120 V	POWER OUTLET	20 Amps
POWER	2.7 HP	SOUND LEVEL	74 dB(A)
AMPERAGE	15.2 A	WEIGHT	117 lb.
AIR FLOW	200 CFM	CORD LENGTH	33 ft.
VAC. PRESSURE	90 in. H ₂ O		



4D-55L 14.5 Gal. (55 L)

Designed for the recovery
of hazardous substances/dusts

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



DESIGNED TO SAFELY RECOVER CARBON AND FIBERGLASS DUST CLASS II, GROUPS F, G

**SINGLE
PHASE**

BRUSHLESS MOTOR AVAILABLE

4 CLASS H14 HEPA FILTERS

- Heavy Duty 2-Stage Bypass motor
- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft² filter surface area

STATIC DISSIPATIVE FILTER

Washable main cloth filter

MANUAL FILTER SHAKER

Dislodges caked-on powders

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

CONDUCTIVE POLYLINER

 AVAILABLE

Recovery bag for easy disposal of recovered powders

DETACHABLE TANK

Easy disposal of recovered powders



CONDUCTIVE WHEELS

Prevents static buildup

DRY RECOVERY

C-35L

EX DT (MFS) + TOOLKIT

9.2 Gal. (35 L)

VOLTAGE	120 V	VAC. PRESSURE	107 in. H ₂ O
POWER	1.6 HP	SOUND LEVEL	72 dB(A)
AMPERAGE	10.5 A	WEIGHT	89 lb.
AIR FLOW	110 CFM	CORD LENGTH	35 ft.



TOOL BASKET

Onboard tool storage allows for efficient organization and easy access to tools on the go

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



EFFECTIVELY RECOVER DUST AND DEBRIS IN HARD TO REACH AREAS
QUICKLY, SAFELY, AND EFFICIENTLY
 CLASS II, GROUPS F, G

FILTER BLOCKAGE INDICATOR

Indicates loss of suction



**SINGLE
 PHASE**

4 CLASS H14 HEPA FILTERS

- Heavy Duty 2-Stage Bypass motor
- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft² filter surface area

STATIC DISSIPATIVE FILTER

- Washable main cloth filter

STAINLESS STEEL 430

Corrosion resistant and easy to decontaminate
AVAILABLE Stainless steel 304

CONDUCTIVE RECOVERY BAG

8.85 ft² filter surface area

CONDUCTIVE WHEELS

Prevents static buildup

CONDUCTIVE POLYLINER

Containment bag for easy disposal



BRUSHLESS MOTOR AVAILABLE

- 4 x H14 HEPA filters
- Consistent performance
- Long lifespan
- Smooth and quiet operation

DRY RECOVERY

C-10

EX (4W) WITH 3D TOOLKIT 5 Gal. (19 L) CONDUCTIVE RECOVERY BAG

VOLTAGE	120 V	VAC. PRESSURE	107 in. H ₂ O
POWER	1.6 HP	SOUND LEVEL	72 dB(A)
AMPERAGE	10.5 A	WEIGHT	52 lb.
AIR FLOW	110 CFM	CORD LENGTH	35 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



**LIGHTWEIGHT AND ERGONOMIC,
DESIGNED FOR SAFE RECOVERY IN TIGHT AREAS**

BP | BACK
PACK

WM | WALL
MOUNTED



WALL-MOUNTED
Thru-Flow motor

HD | HEAVY
DUTY



BATTERY OPERATED

45 min. RUNTIME

CHARGE TIME OF ONLY 1 H

AVAILABLE

55 min. BATTERY

BACKPACK

Shoulder strap and
waist belt assembly



MAIN FILTER AND FILTER BAG

Washable cloth filter



HEPA FILTER

Filtration efficiency of 99.995% at 0.3 micron

**SINGLE
PHASE**

HD | HEAVY
DUTY

THRU-FLOW MOTOR

Greater power, efficiency, and usable life

DRY RECOVERY

**T1-3L
(BP) HEPA**

0.8 Gal. (3 L)

VOLTAGE	120 V	VAC. PRESSURE	120 in. H ₂ O
POWER	1.7 HP	SOUND LEVEL	60 dB(A)
AMPERAGE	10.5 A	WEIGHT	11 lb.
AIR FLOW	107 CFM	CORD LENGTH	33 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM





DRUM-TOP CAPABILITY OPERATOR CAN USE THEIR OWN 55 Gal. DRUM

sales@tiger-vac.com | 1 800 668 4437



SINGLE VENTURI
Compressed air-operated



TWIN VENTURI
Compressed air-operated



DUAL MOTORS
Electric

● **1000 lb.
CAPACITY**

FORKLIFT DRUM CADDY

Pivoting fork pockets
allow tipping and emptying



DESIGNED FOR USE IN:
 DIVISION 1 · CLASS I · GROUPS A, B, C, D
 DIVISION 1 · CLASS II · GROUPS E, F, G
 HAZARDOUS LOCATIONS AS DEFINED
 IN THE NATIONAL ELECTRICAL CODE
 (NFPA 70)

PRE-SEPARATION SYSTEMS FOR FINE DUST AND RECOVERY OF LARGE VOLUME OF POWDERS

THE HEC CAN BE POWERED BY EITHER A LOW PRESSURE OR HIGH PRESSURE VACUUM SYSTEM, OR A DUST COLLECTOR



INLET / OUTLET
 • 4 in. • 6 in. • 8 in.

AIR OUT

HEC-100L
 (4W) STAINLESS STEEL
 26 Gal. (100 L)



AIR IN
 Recovered material



HIGH EFFICIENCY CYCLONE

HEC-200L
 (4W) STAINLESS STEEL 55 Gal. (208 L)

SUCTION INLET	4 in. CAMLOCK	CART TYPE	4-Wheel
AIR OUTLET	4 in. CAMLOCK	WEIGHT	108 lb.

HEC-85L
 (4W) STAINLESS STEEL 22 Gal. (85 L)

- Available suction and connection hoses
- Available conductive polyliner

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | TIGER-VAC.COM



DESIGNED FOR WIDE AREA CLEANING WHERE ELECTRICITY IS NOT AVAILABLE



3 MOTORS WITH INDEPENDENT SWITCHES

Allows operator to adjust the performance and regulate runtime

MANUAL REVERSE PURGE WITH SLIDE VALVE INLET

Allows the operator to clean the filter throughout the day without interruptions

FILTER CARTRIDGE

- PTFE-laminated polyester filter
- Minimum filtration efficiency of 99% at 0.3 micron

DETACHABLE TANK

Easy disposal of recovered powders

FRONT MOUNTED FLOOR TOOL

Wide area cleaning

1h45 RUNTIME
WITH 3 MOTORS



FILTER CARTRIDGE

PTFE-laminated polyester filter
with minimum filtration efficiency of 99% at 0.3 micron

LiFePO4 BATTERY

E300Li
24V/100Ah

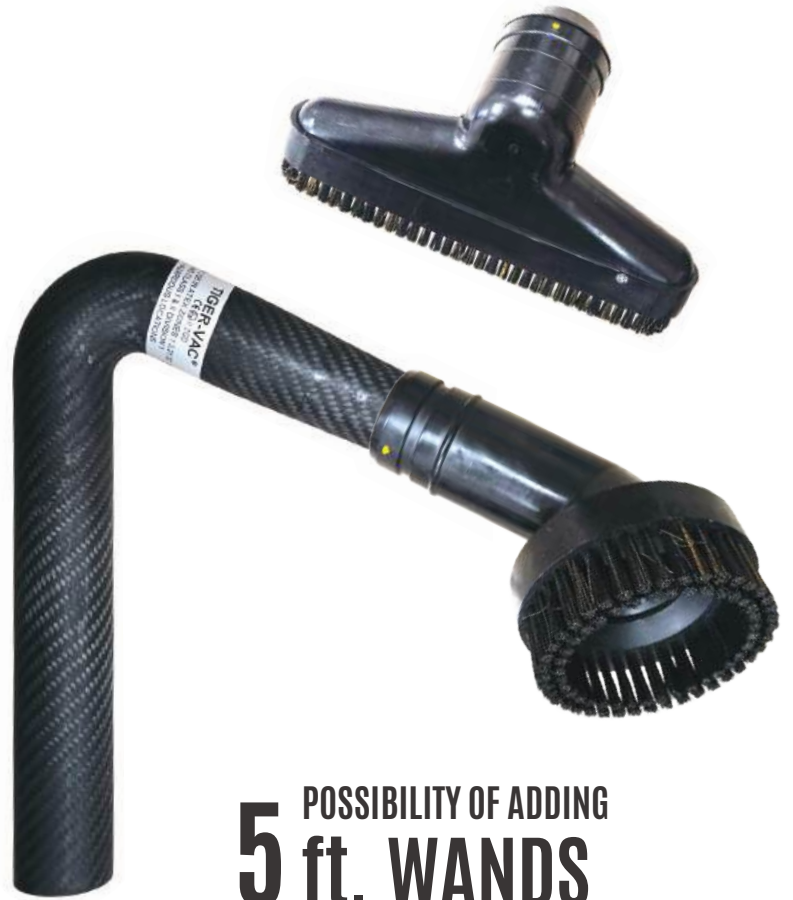
17 Gal. (65 L)

BATTERY	Lithium	VAC. PRESSURE	64 in. H ₂ O
POWER	2 HP	SOUND LEVEL	76 dB(A)
AIR FLOW	247 CFM	WEIGHT	187 lb.



EXTEND YOUR REACH

CONDUCTIVE CARBON FIBER EXTENSION POLES



TOTAL HEIGHT
18 ft.
5.5 M

POSSIBILITY OF ADDING
5 ft. WANDS
TO INCREASE YOUR REACH





EXTEND YOUR
REACH

CONDUCTIVE CARBON FIBER
EXTENSION POLES



POLE
Hose Connector



NECK
65° Bend



NECK
155° Bend



**CREVICE
TOOL**
17 in. (43 cm)



**DUSTING
BRUSH**
4 in. (10 cm)



**WALL
BRUSH**
9 in. (23 cm)

3 EXTENSION POLES **5 ft.** (1.5 m) EACH POLE



Tiger-Vac®

...THE NAME TO VACUUM WITH
SINCE 1983



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