

Tiger-Vac®

...THE NAME TO VACUUM WITH
SINCE 1983

CLEANROOM

PHARMA PROCESSING · SEMICONDUCTORS · CONTAMINATION CONTROLLED ENVIRONMENTS



TIGER-VAC.COM

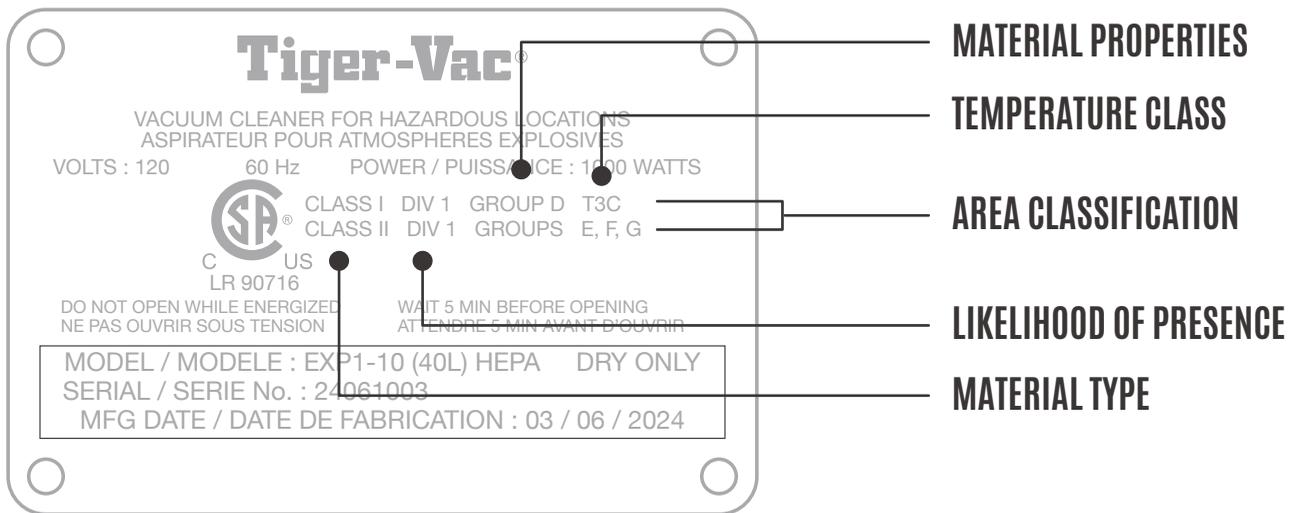
CHOOSE SAFETY, CHOOSE **Tiger-Vac®**

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, UL, 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 FOR
GENERAL CLEANUP IN HAZARDOUS LOCATIONS
 CLASS I, GROUP D, T3C | CLASS II, GROUPS E, F, G

**SINGLE
 PHASE**

BYPASS
AMETEK[®]
 LONG LIFE MOTORS

**Ex PROOF TEFC UNIVERSAL
 BRUSH MOTOR AND
 Ex PROOF SWITCH BOX**

- Quiet operation, low maintenance, and long lifespan

CLASS U15 ULPA FILTER

Filtration efficiency of 99.999% at 0.12 micron
**HIGH FILTRATION EFFICIENCY
 FOR WORKING AIR EXHAUST**

AUTOCLAVABLE

**RECOVERY TANK + WHEEL BASE
 STAINLESS STEEL 304**

Corrosion resistant and easy to decontaminate



WET & DRY RECOVERY

EXP1-10
CR SERIES

(DUST REC.) **6 Gal. (23 L)**

(LIQUID REC.) **7.5 Gal. (28 L)**

VOLTAGE	120 V	VAC. PRESSURE	69 in. H ₂ O
POWER	1.3 HP	SOUND LEVEL	78/85 dB(A)
AMPERAGE	9 A	WEIGHT	68 lb.
AIR FLOW	132 CFM	CORD LENGTH	50 ft.

**AUTOCLAVABLE
 STATIC DISSIPATIVE TOOLKIT INCLUDED**

- EPDM suction hose
- SS floor tool
- Defoaming liquid
- SS extension wands
- SS crevice tool
- Multimeter

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



DESIGNED FOR THE RECOVERY OF COMBUSTIBLE DUST AND GENERAL CLEANING CLASS II, GROUPS F, G

**5-STAGE
FILTRATION SYSTEM**



CLASS H14 HEPA FILTER
Filtration efficiency of 99.99% at 0.3 micron
**HIGH FILTRATION EFFICIENCY
FOR WORKING AIR EXHAUST**

**SINGLE
PHASE**

**HD | HEAVY
DUTY**

2-STAGE BYPASS MOTOR
• Great durability, efficiency, and long lifespan
BRUSHLESS MOTOR AVAILABLE UPON REQUEST

2 CLASS U15 ULPA FILTERS
Filtration efficiency of 99.999% at 0.12 micron

CLASS H14 HEPA FILTER
Filtration efficiency of 99.99% at 0.3 micron

EPITROPIC POLYESTER MAIN FILTER
Washable filter

**AUTOCLAVABLE
RECOVERY TANK**

STAINLESS STEEL 316
Corrosion resistant and easy to decontaminate

CONDUCTIVE WHEELS
Prevents static buildup



CONDUCTIVE BAGS
(Package of 3)

5 Gal. (19 L)

DRY RECOVERY

**C-10 EX
(4W) SS ULPA**

VOLTAGE	120 V	SOUND LEVEL	75 dB(A)
POWER	1.6 HP	VAC. PRESSURE	107 in. H ₂ O
AMPERAGE	10.5 A	WEIGHT	66 lb.
AIR FLOW	110 CFM	CORD LENGTH	35 ft.



**AUTOCLAVABLE
STATIC DISSIPATIVE TOOLKIT INCLUDED**

- Urethane hose
- Extension wands
- SS floor tool with nitrile blades
- Food grade conical nozzle
- SS crevice tool



DESIGNED FOR THE RECOVERY OF
COMBUSTIBLE DUST AND POTENT COMPOUNDS
CLASS II, GROUPS F, G

SAFE CONTAINMENT VAC

4-STAGE
FILTRATION SYSTEM

EMI
SHIELDING
ELECTROMAGNETIC
INTERFERENCE

AVAILABLE
STAINLESS STEEL CART
Prevents the hose from
dragging on the floor

2 CLASS U15 ULPA FILTERS
Filtration efficiency of 99.999% at 0.12 micron
HIGH FILTRATION EFFICIENCY
FOR WORKING AIR EXHAUST

CLASS H14 HEPA FILTER
Filtration efficiency of 99.99% at 0.3 micron

SINGLE
PHASE **BYPASS**
AMETEK®
LONG LIFE MOTORS

STAINLESS STEEL 304
Corrosion resistant and easy to decontaminate

SAFE CONTAINMENT CANISTER
WITH BUILT-IN HEPA FILTER
Filtration efficiency of 99.99% at 0.3 micron

ALSO AVAILABLE
• **5.3 Gal. (20 L)**
• **10.6 Gal. (40 L)**



DRY RECOVERY
CWR-10
EX (CV)

3.2 Gal. (12 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	36 lb.
AIR FLOW	110 CFM	CORD LENGTH	33 ft.

STATIC DISSIPATIVE TOOLKIT INCLUDED

- Crevice tool with extension
- Disposable crushproof suction hose with plug
- Conical nozzle with curved tip



DESIGNED FOR USE IN CONTAMINATION CONTROLLED ENVIRONMENTS

HH | HAND HELD

BP | BACK PACK

GC | GOLF CART

4-STAGE
FILTRATION SYSTEM

EMI
SHIELDING
ELECTROMAGNETIC INTERFERENCE

CLASS U15 ULPA FILTER

Filtration efficiency of 99.999% at 0.12 micron

SINGLE
PHASE

BYPASS
AMETEK[®]
LONG LIFE MOTORS

THRU-FLOW MOTOR

• High airflow, efficiency, and durability

MAIN FILTER AND FILTER BAG

Washable filter



STATIC
DISSIPATIVE
TOOLKIT
INCLUDED



ESD SAFE

DRY RECOVERY

MV-1CR

(HH) HAND HELD (FILTER BAG) 0.5 Gal. (2 L)



VOLTAGE	120 V	VAC. PRESSURE	63 in. H ₂ O
POWER	1 HP	SOUND LEVEL	70 dB(A)
AMPERAGE	6.5 A	WEIGHT	12 lb.
AIR FLOW	110 CFM	CORD LENGTH	35 ft.

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



DESIGNED FOR USE IN CONTAMINATION CONTROLLED ENVIRONMENTS

HH | HAND HELD

HH-CC | HAND HELD + CARRYING CASE

4-STAGE
FILTRATION SYSTEM

EMI
SHIELDING
ELECTROMAGNETIC INTERFERENCE



LITHIUM-ION

- 40 V battery and charger are not included
- Purchasable separately from most online retailers
- 6Ah high capacity battery recommended

DC | DIRECT CURRENT

BRUSHLESS DC MOTOR

- Higher efficiency, longer lifespan, and reduced maintenance

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate



STATIC DISSIPATIVE TOOLKIT INCLUDED



ESD SAFE
6Ah HIGH CAPACITY BATTERY

MV-1CR
(HH-CC) BATTERY VAC

0.5 Gal. (2 L)

BATTERY	Lithium-ion	VAC. PRESSURE	60 in. H ₂ O
WATTAGE	350 W	SOUND LEVEL	70 dB(A)
AIR FLOW	78 CFM	WEIGHT	12 lb.



CARRYING CASE INCLUDED

Heavy duty case to safeguard the vacuum and accessories from damage during transport and provide a secure way to store and carry your equipment



DESIGNED FOR USE IN CONTAMINATION CONTROLLED ENVIRONMENTS

SEMICONDUCTORS | MICRO ELECTRONICS

4-STAGE
FILTRATION SYSTEM

EMI SHIELDING
ELECTROMAGNETIC INTERFERENCE

CLASS U15 ULPA FILTER
Filtration efficiency of 99.999% at 0.12 micron
HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

SINGLE PHASE **BYPASS AMETEK®**
LONG LIFE MOTORS

THRU-FLOW MOTOR
• High airflow, efficiency, and durability

MAIN FILTER AND FILTER BAG
Washable double layer filter

POLISHED CHROME
Enhanced corrosion resistance and mirror-like finish



FILTER BAGS
(Package of 5)



ESD SAFE

DRY RECOVERY

EMI-CWR

CLEANROOM (FILTER BAG) 2.5 Gal. (9.5 L)

VOLTAGE	120 V	VAC. PRESSURE	95 in. H ₂ O
POWER	1.3 HP	SOUND LEVEL	70 dB(A)
AMPERAGE	8.5 A	WEIGHT	35 lb.
AIR FLOW	120 CFM	CORD LENGTH	35 ft.

STATIC DISSIPATIVE TOOLKIT INCLUDED

- Suction hose
- SS wands
- Round brush
- Crevice tool
- Combi tool
- Utility floor tool
- Round tool
- Upholstery tool
- Micro toolkit
- Multimeter

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



DESIGNED FOR USE IN CONTAMINATION CONTROLLED ENVIRONMENTS

3-STAGE
FILTRATION SYSTEM

CLASS U15 ULPA FILTER + HOUSING
Filtration efficiency of 99.999% at 0.12 micron
**HIGH FILTRATION EFFICIENCY
FOR WORKING AIR EXHAUST**

**SINGLE
PHASE**

**BYPASS
AMETEK®
LONG LIFE MOTORS**

THRU-FLOW MOTOR
• High airflow, efficiency, and durability

PTFE LAMINATED MAIN FILTER
Washable filter



**TOOLKIT
INCLUDED**



SYNTHETIC FILTER BAGS
(Package of 5)

DRY RECOVERY

**CR-1
ULPA**

(FILTER BAG) **2 Gal. (7.5 L)**

VOLTAGE	120 V	VAC. PRESSURE	99 in. H ₂ O
POWER	1.3 HP	SOUND LEVEL	60 dB(A)
AMPERAGE	8.3 A	WEIGHT	20 lb.
AIR FLOW	96 CFM	CORD LENGTH	33 ft.



CR-1 ULPA (SS)

- SS recovery tank
- Quiet operation
- Toolkit included
- Single phase
- Heavy duty thru-flow motor
- Synthetic filter bags



DESIGNED FOR THE
SAFE COLLECTION, CONTAINMENT, AND DISPOSAL
 OF POTENT COMPOUNDS

SAFE CONTAINMENT VAC

5-STAGE
 FILTRATION SYSTEM



CLASS U15 ULPA FILTER

Filtration efficiency of 99.999% at 0.12 micron
HIGH FILTRATION EFFICIENCY
FOR WORKING AIR EXHAUST

SINGLE
PHASE

BYPASS
AMETEK[®]
 LONG LIFE MOTORS

THRU-FLOW MOTOR

• High airflow, efficiency, and durability

PTFE LAMINATED MAIN FILTER

Washable filter

AUTOCLAVABLE

FILTER CHAMBER

STAINLESS STEEL 316

Corrosion resistant and easy to decontaminate

CLASS H14 HEPA FILTER

Filtration efficiency of 99.99% at 0.3 micron

SAFE CONTAINMENT CANISTER

WITH BUILT-IN HEPA FILTER
AND COLLECTION BAG

AUTOCLAVABLE
 WHEEL BASE



SAFE CONTAINMENT CANISTER

Contain and secure potent compounds to prevent contamination,
 and reducing worker exposure

DRY RECOVERY

CR-1000
(CV) SERIES

2 Gal. (7.5 L)

VOLTAGE	120 V	SOUND LEVEL	60 dB(A)
POWER	1.3 HP	VAC. PRESSURE	99 in. H ₂ O
AMPERAGE	8.3 A	WEIGHT	24 lb.
AIR FLOW	96 CFM	CORD LENGTH	33 ft.

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



DESIGNED FOR THE
SAFE COLLECTION, CONTAINMENT, AND DISPOSAL
 OF POTENT CARCINOGENIC POWDERS
SAFE CONTAINMENT VAC

5-STAGE
 FILTRATION SYSTEM

EMI
 SHIELDING
 ELECTROMAGNETIC
 INTERFERENCE



AUTOCLAVABLE
 WHEEL BASE

CLASS U15 ULPA FILTER
 Filtration efficiency of 99.999% at 0.12 micron
HIGH FILTRATION EFFICIENCY
FOR WORKING AIR EXHAUST

SINGLE PHASE **BYPASS AMETEK®**
 LONG LIFE MOTORS

THRU-FLOW MOTOR
 • High airflow, efficiency, and durability

PTFE LAMINATED MAIN FILTER
 Washable filter

AUTOCLAVABLE
 FILTER CHAMBER
STAINLESS STEEL 316
 Corrosion resistant and easy to decontaminate

CLASS H14 HEPA FILTER
 Filtration efficiency of 99.99% at 0.3 micron

SAFE CONTAINMENT CANISTER
 WITH **BUILT-IN HEPA FILTER**
 AND **COLLECTION BAG**



SAFE CONTAINMENT CANISTER
 Contain and secure potent carcinogenic powders to prevent contamination,
 and reducing worker exposure



ESD SAFE

DRY RECOVERY

EMI-1000
(CV) SERIES

2 Gal. (7.5 L)

VOLTAGE	120 V	SOUND LEVEL	70 dB(A)
POWER	1.3 HP	VAC. PRESSURE	95 in. H ₂ O
AMPERAGE	8.5 A	WEIGHT	36 lb.
AIR FLOW	120 CFM	CORD LENGTH	35 ft.

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



DESIGNED FOR THE RECOVERY OF BROKEN AMPULES AND GLASS

EMI SHIELDING
ELECTROMAGNETIC INTERFERENCE



2 CLASS U15 ULPA FILTERS

Filtration efficiency of 99.999% at 0.12 micron

HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

SINGLE PHASE

BYPASS **AMETEK**[®]
LONG LIFE MOTORS

2-STAGE BYPASS MOTOR

• Great durability, efficiency, and long lifespan

AUTOCLAVABLE

FILTER CHAMBER, FLOATER CAGE ASSEMBLY, SIEVE BASKET AND MESH FILTERS, RECOVERY TANK, AND WHEEL BASE

FLOATER CAGE ASSEMBLY

Liquid level cut-off

SIEVE BASKET WITH MESH FILTER

Collect and separate broken glass from the recovered liquid



AUTOCLAVABLE

STATIC DISSIPATIVE TOOLKIT INCLUDED

- EPDM suction hose
- EPDM drain hose
- Food grade silicone tiger-paw
- Food grade conical nozzle
- SS crevice tool
- SS wand



ESD SAFE

WET & DRY RECOVERY

CWR-10
(PHARMA)

(DUST REC.) 4 Gal. (15 L)
(LIQUID REC.) 7.5 Gal. (28 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	77 lb.
AIR FLOW	110 CFM	CORD LENGTH	35 ft.

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



DESIGNED SPECIFICALLY FOR
CONTAMINATION CONTROLLED ENVIRONMENTS
 PHARMACEUTICAL | SEMICONDUCTORS | MICRO ELECTRONICS

4-STAGE
 FILTRATION SYSTEM

EMI SHIELDING
 ELECTROMAGNETIC INTERFERENCE

SINGLE PHASE

BYPASS
AMETEK[®]
 LONG LIFE MOTORS

2-STAGE BYPASS MOTOR

- Powerful suction and quiet operation

2 CLASS U15 ULPA FILTERS

Filtration efficiency of 99.999% at 0.12 micron

HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

MAIN FILTER

Washable filter

ALL STAINLESS STEEL 316 MACHINE AND CART

Corrosion resistant and easy to decontaminate

AUTOCLAVABLE RECOVERY TANK



EMI-CWR

WET & DRY RECOVERY, or DRY RECOVERY ONLY

CR-1400WD/D

PHARMA (FILTER BAG) 5 Gal. (19 L)

VOLTAGE	120 V	VAC. PRESSURE	107 in. H ₂ O
POWER	1.6 HP	SOUND LEVEL	65/75 dB(A)
AMPERAGE	10.5 A	WEIGHT	86 lb.
AIR FLOW	110 CFM	CORD LENGTH	35 ft.

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

CR-1200D DRY RECOVERY

AUTOCLAVABLE RECOVERY TANK

CR-1300WD WET & DRY RECOVERY

AUTOCLAVABLE AND ESD SAFE ACCESSORIES AVAILABLE



DESIGNED FOR
PROCESS INTEGRATION AND GENERAL CLEANING
SS | STAINLESS STEEL **PC** | POWDER COATED **SS+PC** | STAINLESS STEEL + POWDER COATED



AVAILABLE
CLASS U15 ULPA FILTER
 Filtration efficiency of 99.999% at 0.12 micron
HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

AVAILABLE
CLASS U14 HEPA FILTER
 Filtration efficiency of 99.995% at 0.3 micron

MAIN FILTER
 Washable filter

SINGLE PHASE **THREE PHASE**

TEFC REGENERATIVE BLOWER
 • Quiet operation, low maintenance, and long lifespan



DRY RECOVERY
CD-1501 • Different voltages available
CR (STD) **7.5 Gal. (28 L)**

VOLTAGE	460 V	VAC. PRESSURE	140 in. H ₂ O
POWER	2.5 HP	SOUND LEVEL	64 dB(A)
AMPERAGE	4 A	WEIGHT	113.5 lb.
AIR FLOW	148 CFM	CORD LENGTH	50 ft.

CD-1500 CR (PFB) **5 Gal. (19 L)**
 • Disposable filter bags • Different voltages available
 • Single phase or three phase

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



DESIGNED FOR
PROCESS INTEGRATION AND GENERAL CLEANING
SS | STAINLESS STEEL **PC** | POWDER COATED **SS+PC** | STAINLESS STEEL + POWDER COATED

Continuous
Duty 24-7



VACUUM RELIEF VALVE
 Prevents damage to equipment by allowing air to enter the system when negative pressure develops

CLASS U15 ULPA FILTER
 Filtration efficiency of 99.999% at 0.12 micron
HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

SINGLE PHASE **THREE PHASE**

TEFC REGENERATIVE BLOWER
 • Quiet operation, low maintenance, and long lifespan



CD-2600 CR (MFS)

- Manual filter shaker
- Different voltages available
- Vertical mounting for areas with space constraints

DRY RECOVERY

CD-2600
CR (MFS)

9.5 Gal. (36 L)

VOLTAGE	460 V	VAC. PRESSURE	110 in. H ₂ O
POWER	2.5 HP	SOUND LEVEL	68 dB(A)
AMPERAGE	4 A	WEIGHT	247 lb.
AIR FLOW	148 CFM	CORD LENGTH	50 ft.

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

Tiger-Vac®

...THE NAME TO VACUUM WITH
SINCE 1983



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