

# Tiger-Vac®

...THE NAME TO VACUUM WITH  
SINCE 1983

## 3D PRINTING ADDITIVE MANUFACTURING



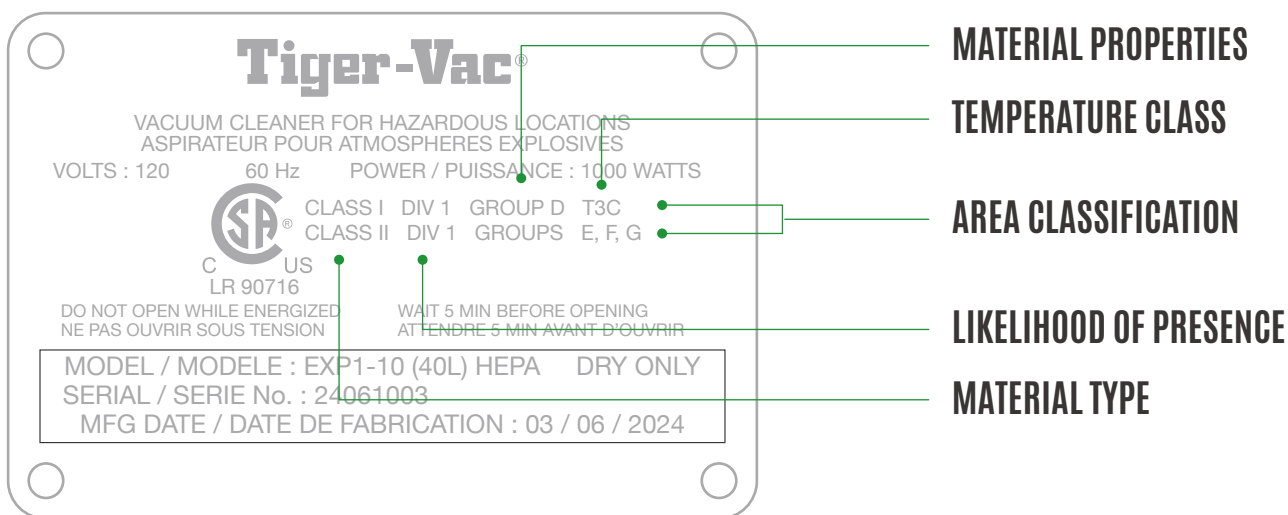
[TIGER-VAC.COM](http://TIGER-VAC.COM)



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.

- 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"><li>• Oil refinery</li><li>• Paint Warehouse</li><li>• Oil rig</li><li>• Spray booth</li></ul>	Div.1 (Hazard likely)	<div><div>MOST</div><div></div><div>LEAST</div></div>
			Div.2 (Hazard not likely)	
CLASS II	Combustible dusts	<ul style="list-style-type: none"><li>• Coal mine</li><li>• Grain silo</li><li>• Munitions factory</li><li>• Hay storage</li></ul>	Div.1 (Hazard likely)	
			Div.2 (Hazard not likely)	
CLASS III	Ignitable fibers and flyings	<ul style="list-style-type: none"><li>• Paper mill</li><li>• Woodworking</li><li>• Textile mill</li><li>• Cotton gin</li></ul>	Div.1 (Hazard likely)	
			Div.2 (Hazard not likely)	





# PROVEN SOLUTIONS FOR **SAFE** POWDER RECOVERY



**CSA®** CERTIFICATION  
INDEPENDENT TESTING AND CERTIFICATION  
TO MEET RECOGNIZED STANDARDS FOR  
SAFETY OR PERFORMANCE



**GUARANTEED**  
FOR THE SAFE RECOVERY OF  
COMBUSTIBLE/CONDUCTIVE DUST



**IECEx** CERTIFICATION  
IEC SYSTEM FOR CERTIFICATION TO STANDARDS  
RELATING TO EQUIPMENT FOR USE IN  
EXPLOSIVE ATMOSPHERES



**ATEX** CERTIFICATION  
MINIMUM REQUIREMENTS FOR THE SAFETY  
AND HEALTH PROTECTION OF WORKERS  
AT RISK FROM EXPLOSIVE ATMOSPHERES



**THIRD PARTY** CERTIFICATION  
INDEPENDENT ASSESSMENT OF COMPLIANCE  
WITH SPECIFIC STANDARDS FOR SAFETY,  
QUALITY AND PERFORMANCE





## EFFECTIVELY CLEAN CREVICES AND HARD TO REACH AREAS QUICKLY, SAFELY, AND EFFICIENTLY

### COMBUSTIBLE /CONDUCTIVE DUSTS

Group F	Conductive carbonaceous dust (carbon black, coal, coke dust, etc.)
Group G	All flour dust (grain, flour, starch, sugar, wood, plastic, chemical dust, etc.)
Group IIC	Conductive dust Zone 22 (as per International Standards)

### FILTER BLOCKAGE INDICATOR

Indicates loss of suction



RECOVERY  
CAPACITY

**5 Gal.**  
**19 L**

**SINGLE  
PHASE**

**HD** | **HEAVY  
DUTY**

### 2-STAGE BYPASS MOTOR

- Great durability, efficiency, and long lifespan

Brushless Motor **ALSO AVAILABLE**

### 4 CLASS H14 HEPA FILTERS

- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft<sup>2</sup> filter surface area

**HIGH FILTRATION EFFICIENCY  
FOR WORKING AIR EXHAUST**

### STATIC DISSIPATIVE MAIN FILTER

- Washable filter

### STAINLESS STEEL

Corrosion resistant and easy to decontaminate

### CONDUCTIVE WHEELS

Prevents static buildup

DRY RECOVERY

## C-10 EX (4W) + 3D TOOLKIT

PART # 111805A-3D

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



### STATIC DISSIPATIVE 3D TOOLKIT

- Crushproof hose
- Round brush
- Conical nozzle
- Crevice tool

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](https://tiger-vac.com)





# DESIGNED TO THOROUGHLY CLEAN THE BUILD CHAMBER AND PRINT BED

## COMBUSTIBLE /CONDUCTIVE DUSTS

- Group F** Conductive carbonaceous dust (carbon black, coal, coke dust, etc.)  
**Group G** All flour dust (grain, flour, starch, sugar, wood, plastic, chemical dust, etc.)  
**Group IIC** Conductive dust Zone 22 (as per International Standards)

### TOOL BASKET

Onboard tool storage

**SINGLE  
PHASE**

**HD** | HEAVY  
DUTY

### 2-STAGE BYPASS MOTOR

- Great durability, efficiency, and long lifespan

Brushless Motor **ALSO AVAILABLE**

### 4 CLASS H14 HEPA FILTERS

- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft<sup>2</sup> filter surface area

**HIGH FILTRATION EFFICIENCY  
FOR WORKING AIR EXHAUST**

### STATIC DISSIPATIVE MAIN FILTER

Washable filter

### MANUAL FILTER SHAKER

Dislodges caked-on powders

### STAINLESS STEEL TYPE 430

Corrosion resistant and easy to decontaminate

**ALSO AVAILABLE**

### CONDUCTIVE POLYLINER

Recovery bag for easy disposal  
of recovered powders

### CONDUCTIVE WHEELS

Prevents static buildup

RECOVERY  
CAPACITY

**9 Gal.  
35 L**

### DETACHABLE TANK

Easy disposal of  
recovered powders

DRY RECOVERY

**C-35L EX**  
**DT (MFS) + 3D TOOLKIT**

PART # 111783A-3D

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

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](https://www.tiger-vac.com)



### TOOL BASKET

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





## RECOVER COMBUSTIBLE DUST SAFELY IN HAZARDOUS AREAS

SINGLE  
PHASE

**AMETEK®**

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

DRY RECOVERY

## EXP1-10 (40L)

HEPA + 3D TOOLKIT PART # 113151A

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

### MOST COMPACT UNIT IN THE INDUSTRY

- Conductive inlet port
- Corrosion resistant and easy to decontaminate stainless steel 304



### HIGH EFFICIENCY CONDUCTIVE BAGS

Conductive cloth recovery bags

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)

**DRY**  
RECOVERY



COMPRESSED  
AIR-OPERATED

SINGLE  
VENTURI

DRY RECOVERY

## ATEX-10A (40L)

HEPA + 3D TOOLKIT PART # 113115

MIN. COMPRESSOR	15 HP
AIR LINE (Diam.)	0.5 in.
AIR VOLUME	34-45 CFM
AIR PRESSURE	80 PSI
AIR FLOW	110 CFM
VAC. PRESSURE	110 in. H <sub>2</sub> O
SOUND LEVEL	68 dB(A)



### PRESSURE REGULATOR

Adjustable between 0 PSI and 150 PSI

Factory set at 80 PSI for ideal performance and noise level



### HIGH EFFICIENCY CONDUCTIVE BAGS

Conductive cloth recovery bags

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)

**DRY**  
RECOVERY







DESIGNED TO RECOVER  
**COMBUSTIBLE DUST AND NON-COMBUSTIBLE DUST**  
REDUCE COST BY REUSING  
UP TO **98%** OF THE  
RECOVERED POWDERS



SHOWN WITH MODEL

**EXP1-10 (40L)**

## METAL DUST

RECOVERY OF NON-REACTIVE METAL  
AND COMBUSTIBLE DUST

HIGH EFFICIENCY CYCLONE

**HEC-25L (4W)**

**SS 304** PART # 112311

SUCTION INLET	1.5 in.
AIR OUTLET	1.5 in.
REC. CAPACITY	6.6 Gal. (25 L)

FOR COMPLETE SPECIFICATIONS,  
VISIT THE PRODUCT PAGE  
[TIGER-VAC.COM](http://TIGER-VAC.COM)



## PLASTIC DUST

STATIC DISSIPATIVE  
AND GROUNDED

HIGH EFFICIENCY CYCLONE

**HEC-35L (4W)**

**SS 430** PART # 112309

SUCTION INLET	2 in.
AIR OUTLET	1.5 in.
REC. CAPACITY	9 Gal. (35 L)

FOR COMPLETE SPECIFICATIONS,  
VISIT THE PRODUCT PAGE  
[TIGER-VAC.COM](http://TIGER-VAC.COM)



SHOWN WITH MODEL

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





RECOVER.RESIZE.REFRESH.REUSE  
**REUSE UP TO 98% OF THE RECOVERED POWDER**  
SUITABLE FOR ALL AM APPLICATIONS, BOTH PLASTIC DUST AND METAL DUST



### HEPA FILTER

Filtration efficiency of 99.995%  
at 0.3 micron

SINGLE  
PHASE



Ex PROOF TEFC UNIVERSAL  
BRUSH MOTOR AND  
Ex PROOF SWITCH BOX

### STAINLESS STEEL TYPE 304

Corrosion resistant and easy to decontaminate

### CYCLONIC PRE-SEPARATOR

Separate and collect up to 98% of the powder  
before it enters the vacuum system

### DETACHABLE TANK

- Very high protection level
- Easy disposal of recovered powders

### CONDUCTIVE WHEELS

Prevents static buildup

RECOVERY CAPACITY  
**6.6 Gal. 25 L**

POWDER RECOVERY SYSTEM  
AND HIGH EFFICIENCY CYCLONE

## EXP1-20 DT

(PRS-HEC) RE HEPA + 3D TOOLKIT

PART # 113220A-3D

VOLTAGE	120 V	VAC. PRESSURE	69 in. H <sub>2</sub> O
POWER	1.3 HP	SOUND LEVEL	78-85 dB(A)
AMPERAGE	9 A	WEIGHT	216 lb.
AIR FLOW	132 CFM	CORD LENGTH	50 ft.



COMPRESSED  
AIR-OPERATED



### PNEUMATIC HEAD

Model SS-20 DT (PRS-HEC) RE HEPA,  
with a filtration efficiency of 99.995% at 0.3 micron





RECOVER.RESIZE.REFRESH.REUSE  
**REUSE UP TO 98% OF THE RECOVERED POWDER**  
SUITABLE FOR ALL AM APPLICATIONS, BOTH PLASTIC DUST AND METAL DUST



RECOVERY CAPACITY  
**6.6 Gal. 25 L**

POWDER RECOVERY SYSTEM  
AND HIGH EFFICIENCY CYCLONE

## C-10 EX DT

(PRS-HEC) HEPA + 3D TOOLKIT

PART # 113230A-3D

VOLTAGE	120 V	VAC. PRESSURE	107 in. H <sub>2</sub> O
POWER	1.6 HP	SOUND LEVEL	72 dB(A)
AMPERAGE	10.5 A	WEIGHT	216 lb.
AIR FLOW	110 CFM	CORD LENGTH	50 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](https://www.tiger-vac.com)

SINGLE  
PHASE

**HD** | HEAVY  
DUTY

### 2-STAGE BYPASS MOTOR

- Great durability, efficiency, and long lifespan
- Brushless Motor **ALSO AVAILABLE**

### 4 CLASS H14 HEPA FILTERS

- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft<sup>2</sup> filter surface area

### HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

### STAINLESS STEEL TYPE 304

Corrosion resistant and easy to decontaminate

### CYCLONIC PRE-SEPARATOR

Separate and collect up to 98% of the powder before it enters the vacuum system

### DETACHABLE TANK

- Very high protection level
- Easy disposal of recovered powders

### CONDUCTIVE WHEELS

Prevents static buildup



### STATIC DISSIPATIVE 3D TOOLKIT

- Crushproof hose
- Round brush
- Conical nozzle
- Crevice tool





# DESIGNED TO RECOVER AND NEUTRALIZE CONDUCTIVE POWDERS

WATER  
NEUTRALIZING  
LIQUID



HYDROGEN SAFE  
WHEN USED WITH WATER  
(NO OIL)

SINGLE  
PHASE

HD | HEAVY  
DUTY

## 2-STAGE BYPASS MOTOR

- Great durability, efficiency, and long lifespan
- Brushless Motor **ALSO AVAILABLE**

## 4 CLASS H14 HEPA FILTERS

- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft<sup>2</sup> filter surface area

## HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

## DEGASSING VENT

Vents potentially hazardous gas buildup inside the vacuum

## MIST ARRESTOR

Removes contaminants from process air emissions that evolve as mist droplets

## STAINLESS STEEL TYPE 304

Corrosion resistant and easy to decontaminate

## SEPARATOR CONE

Prevents droplets and dust from reaching the motor

## DETACHABLE TANK

Easy access to recovered powders

## LIQUID LEVEL INDICATOR

Impact-resistant polycarbonate

## SIEVE BASKET

Separates the sludge from the neutralizing liquid

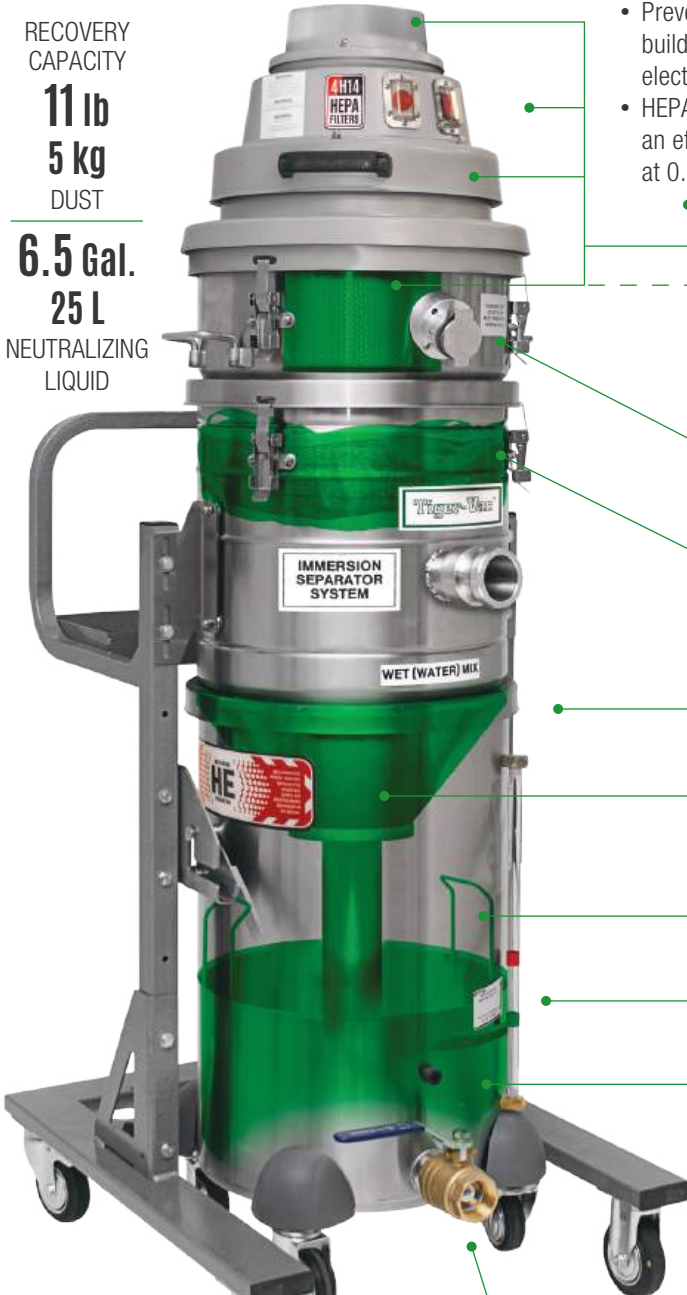
## COALESCING FILTER ELEMENT

- Prevents moisture buildup from damaging electrical components
- HEPA grade with an efficiency of 99.97% at 0.3 micron

RECOVERY  
CAPACITY

**11 lb**  
**5 kg**  
DUST

**6.5 Gal.**  
**25 L**  
NEUTRALIZING  
LIQUID



IMMERSION SEPARATOR

# C-10 EX (IT-63L)

CFE HEPA + 3D TOOLKIT

PART # 113172A-3D

## DRAIN VALVE 38 mm

With locking system  
to prevent accidental spills

VOLTAGE	120 V	SOUND LEVEL	72 dB(A)
POWER	1.6 HP	VAC. PRESSURE	107 in. H <sub>2</sub> O
AMPERAGE	10.5 A	HEIGHT	63 in.
AIR FLOW	110 CFM	CORD LENGTH	35 ft.



## BRUSHLESS MOTOR

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

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)





## DESIGNED TO RECOVER AND NEUTRALIZE COMBUSTIBLE DUST

**OIL**  
NEUTRALIZING  
LIQUID



**HYDROGEN FREE**  
WHEN USED WITH MINERAL OIL /  
OR ANY NEUTRALIZING LIQUID

**WATER**  
NEUTRALIZING  
LIQUID



**HYDROGEN SAFE**  
WHEN USED WITH WATER  
(NO OIL)

### STAINLESS STEEL

Corrosion resistant and easy to decontaminate

### COALESCING FILTER ELEMENT

- Prevents moisture buildup from damaging electrical components
- HEPA grade with an efficiency of 99.97% at 0.3 micron

**SINGLE  
PHASE**

**HD** | **HEAVY  
DUTY**

### 2-STAGE BYPASS MOTOR

- Great durability, efficiency, and long lifespan
- Brushless Motor **ALSO AVAILABLE**

### 4 CLASS H14 HEPA FILTERS

- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft<sup>2</sup> filter surface area

### HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

### DEGASSING VENT

Vents potentially hazardous gas buildup inside the vacuum

### MIST ARRESTOR

Removes contaminants from process air emissions that evolve as mist droplets

### MIST ARRESTOR

Aluminum mesh screen prevents mist droplets from reaching the motor

### DETACHABLE TANK

Easy access to recovered powders

### LIQUID LEVEL INDICATOR

Impact-resistant

RECOVERY  
CAPACITY

**1.5 Gal.**  
**4.5 L**



IMMERSION SEPARATOR

## C-10 EX (IT-40L)

**DT (CFE) HEPA + 3D TOOLKIT**

PART # 113179A-3D

<b>VOLTAGE</b>	120 V	<b>SOUND LEVEL</b>	72 dB(A)
<b>POWER</b>	1.6 HP	<b>VAC. PRESSURE</b>	107 in. H <sub>2</sub> O
<b>AMPERAGE</b>	10.5 A	<b>WEIGHT</b>	92 lb.
<b>AIR FLOW</b>	110 CFM	<b>CORD LENGTH</b>	35 ft.



### STATIC DISSIPATIVE 3D TOOLKIT

- Crushproof hose
- Round brush
- Conical nozzle
- Crevice tool



### DEPRESSOR CAGE

Keeps the conductive collection bag submerged

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)





## DESIGNED TO RECOVER AND NEUTRALIZE COMBUSTIBLE DUST

**OIL**  
NEUTRALIZING  
LIQUID



**HYDROGEN FREE**  
WHEN USED WITH MINERAL OIL /  
OR ANY NEUTRALIZING LIQUID

**WATER**  
NEUTRALIZING  
LIQUID



**HYDROGEN SAFE**  
WHEN USED WITH WATER  
(NO OIL)

### STAINLESS STEEL

Corrosion resistant and easy to decontaminate



RECOVERY  
CAPACITY

**1.5 Gal.**  
**4.5 L**

**SINGLE  
PHASE**



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

### COALESCING FILTER ELEMENT

- Prevents moisture buildup from damaging electrical components
- HEPA grade with an efficiency of 99.97% at 0.3 micron

### DEGASSING VENT

Vents potentially hazardous gas buildup inside the vacuum

### MIST ARRESTOR

Removes contaminants from process air emissions that evolve as mist droplets

### MIST ARRESTOR

Aluminum mesh screen prevents mist droplets from reaching the motor

### DETACHABLE TANK

Easy access to recovered powders

### LIQUID LEVEL INDICATOR

Impact-resistant

IMMERSION SEPARATOR

**EXP1-10 (IT-40L)**

**EX DT (CFE) HEPA + 3D TOOLKIT**

PART # 113153A-3D

<b>VOLTAGE</b>	120 V	<b>SOUND LEVEL</b>	78-85 dB(A)
<b>POWER</b>	1.3 HP	<b>VAC. PRESSURE</b>	69 in. H <sub>2</sub> O
<b>AMPERAGE</b>	9 A	<b>WEIGHT</b>	94 lb.
<b>AIR FLOW</b>	132 CFM	<b>CORD LENGTH</b>	50 ft.



### STATIC DISSIPATIVE 3D TOOLKIT

- Crushproof hose
- Conical nozzle
- Round brush
- Crevice tool



### DEPRESSOR CAGE

Keeps the conductive collection bag submerged

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)





## DESIGNED TO RECOVER AND NEUTRALIZE COMBUSTIBLE DUST

**OIL**  
NEUTRALIZING  
LIQUID



**HYDROGEN FREE**  
WHEN USED WITH MINERAL OIL /  
OR ANY NEUTRALIZING LIQUID

**WATER**  
NEUTRALIZING  
LIQUID



**HYDROGEN SAFE**  
WHEN USED WITH WATER  
(NO OIL)

### STAINLESS STEEL

Corrosion resistant and easy to decontaminate

**SINGLE**

**VENTURI**

### COALESCING FILTER ELEMENT

- Prevents moisture buildup from damaging electrical components
- HEPA grade with an efficiency of 99.97% at 0.3 micron

### DEGASSING VENT

Vents potentially hazardous gas buildup inside the vacuum

### MIST ARRESTOR

Removes contaminants from process air emissions that evolve as mist droplets

### MIST ARRESTOR

Aluminum mesh screen prevents mist droplets from reaching the motor

### DETACHABLE TANK

Easy access to recovered powders

### LIQUID LEVEL INDICATOR

Impact-resistant

RECOVERY  
CAPACITY

**1.5 Gal.**  
**4.5 L**



IMMERSION SEPARATOR

**SS-10 (IT-40L)**

**DT RE HEPA + 3D TOOLKIT**

PART # 113119-3D

MIN. COMPRESSOR	15 HP	AIR FLOW	125 CFM
AIR LINE (Diam.)	0.5 in.	VAC. PRESSURE	110 in. H <sub>2</sub> O
AIR VOLUME	45 CFM	SOUND LEVEL	72 dB(A)
AIR PRESSURE	80 PSI	WEIGHT	105 lb.



### STATIC DISSIPATIVE 3D TOOLKIT

- Crushproof hose
- Conical nozzle
- Round brush
- Crevice tool



### DEPRESSOR CAGE

Keeps the conductive collection bag submerged

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)



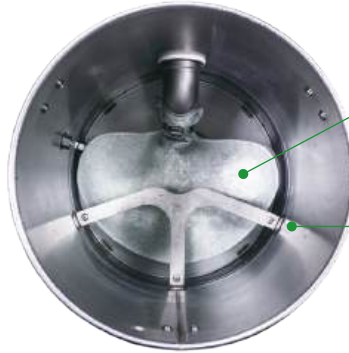


## DESIGNED TO RECOVER AND NEUTRALIZE COMBUSTIBLE DUST

WATER  
NEUTRALIZING  
LIQUID



HYDROGEN SAFE  
WHEN USED WITH WATER  
(NO OIL)



### CONDUCTIVE WET BAG

For easy disposal of collected dust

### COLLECTION BAG RETAINER

Keeps the conductive bag submerged

RECOVERY  
CAPACITY

**0.8 Gal.**

**3 L**

WET BAG

**3.25 Gal.**

**12.3 L**

NEUTRALIZING  
LIQUID

### COALESCING FILTER ELEMENT

- Prevents moisture buildup from damaging electrical components
- HEPA grade with an efficiency of 99.97% at 0.3 micron

SINGLE  
PHASE

**HD** | HEAVY  
DUTY

### 2-STAGE BYPASS MOTOR

- Great durability, efficiency, and long lifespan

Brushless Motor **ALSO AVAILABLE**

### 4 CLASS H14 HEPA FILTERS

- Filtration efficiency of 99.995% at 0.3 micron
- 21.8 ft<sup>2</sup> filter surface area

### HIGH FILTRATION EFFICIENCY FOR WORKING AIR EXHAUST

### STAINLESS STEEL TYPE 304

Corrosion resistant and easy to decontaminate

### LIQUID LEVEL INDICATOR

Impact-resistant

**WET**

RECOVERY



IMMERSION SEPARATOR

**C-10 EX (IT-40L)**

**CFE HEPA + 3D TOOLKIT**

PART # 113178A-3D

VOLTAGE	120 V	SOUND LEVEL	72 dB(A)
POWER	1.6 HP	VAC. PRESSURE	107 in. H <sub>2</sub> O
AMPERAGE	10.5 A	WEIGHT	62 lb.
AIR FLOW	110 CFM	CORD LENGTH	35 ft.



### STATIC DISSIPATIVE TOOLKIT

- Crushproof hose
- Round brush
- Conical nozzle
- Crevice tool

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## DESIGNED TO RECOVER AND NEUTRALIZE COMBUSTIBLE DUST

WATER  
NEUTRALIZING  
LIQUID



HYDROGEN SAFE  
WHEN USED WITH WATER  
(NO OIL)

RECOVERY  
CAPACITY

**0.8 Gal.**

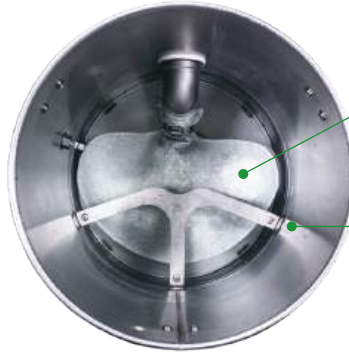
**3 L**

WET BAG

**3.25 Gal.**

**12.3 L**

NEUTRALIZING  
LIQUID



### CONDUCTIVE WET BAG

For easy disposal of collected dust

### COLLECTION BAG RETAINER

Keeps the conductive bag submerged

SINGLE  
PHASE

**AMETEK®**

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

### COALESCING FILTER ELEMENT

- Prevents moisture buildup from damaging electrical components
- HEPA grade with an efficiency of 99.97% at 0.3 micron

### STAINLESS STEEL TYPE 304

Corrosion resistant and easy to decontaminate

### LIQUID LEVEL INDICATOR

Impact-resistant

**WET**

**RECOVERY**



IMMERSION SEPARATOR

**EXP1-10 (IT-40L)**

**EX (CFE) HEPA + 3D TOOLKIT**

PART # 113152A-3D

VOLTAGE	120 V	SOUND LEVEL	78-85 dB(A)
POWER	1.3 HP	VAC. PRESSURE	69 in. H <sub>2</sub> O
AMPERAGE	9 A	WEIGHT	70 lb.
AIR FLOW	132 CFM	CORD LENGTH	50 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)



### STATIC DISSIPATIVE TOOLKIT

- Crushproof hose
- Round brush
- Conical nozzle
- Crevice tool





## DESIGNED TO RECOVER AND NEUTRALIZE METAL AND EXPLOSIVE DUST

**OIL**  
NEUTRALIZING  
LIQUID



**HYDROGEN FREE**  
WHEN USED WITH MINERAL OIL /  
OR ANY NEUTRALIZING LIQUID

**WATER**  
NEUTRALIZING  
LIQUID



**HYDROGEN SAFE**  
WHEN USED WITH WATER  
(NO OIL)

RECOVERY  
CAPACITY

**22 lb**

**10 kg**

DUST

**7.9 Gal.**

**30 L**

NEUTRALIZING  
LIQUID

### COALESCING FILTER ELEMENT

- Prevents moisture buildup from damaging electrical components
- HEPA grade with an efficiency of 99.97% at 0.3 micron

### UPPER CONE + CYLINDER

Prevents mist buildup from reaching the motor

### SEPARATOR CONE

Prevents droplets and dust from reaching the motor



**GROUP E  
METAL DUST**

**SINGLE  
PHASE**

**THREE  
PHASE**

**BALDOR**  
A MEMBER OF THE ABB GROUP

### Ex PROOF REGENERATIVE BLOWER AND Ex PROOF SWITCH BOX

Quiet operation, low maintenance,  
and energy efficient

### STAINLESS STEEL TYPE 304

Corrosion resistant and easy to decontaminate

### LIQUID LEVEL INDICATOR

Impact-resistant polycarbonate

### SIEVE BASKET

Separates the sludge from the neutralizing liquid

### DRAIN VALVE 38 mm

With locking system to prevent accidental spills



### COALESCING FILTER ELEMENT

Prevents moisture from entering  
and damaging the motor

IMMERSION SEPARATOR

**CD-IT (85L) EX**

**CFE HEPA**

PART # 111129A3

*Continuous  
Duty 24-7*

<b>VOLTAGE</b>	120 to 460 V	<b>SOUND LEVEL</b>	74 dB(A)
<b>POWER</b>	1.5 to 2 HP	<b>VAC. PRESSURE</b>	120 to 130 in. H <sub>2</sub> O
<b>AMPERAGE</b>	2.1 to 15 A	<b>WEIGHT</b>	245 lb.
<b>AIR FLOW</b>	125 to 158 CFM	<b>CORD LENGTH</b>	50 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)





# SAFE RECOVERY OF POWDERS IN THE DEPOWDERING STATION DURING POST-PROCESSING

## CONDUCTIVE THERMOPLASTIC RUBBER HOSE DISSIPATES STATIC BUILDUP

- External abrasion and drag resistance
- Great moisture & UV resistance
- Excellent chemical resistance
- Minimal friction loss and efficient air flow

RECOVERY  
CAPACITY

**2.6 Gal.**  
**10 L**



DUST COLLECTOR

**CD-1200 EX**

**SS**

PART # 113044A1



<b>VOLTAGE</b>	230 to 575 V	<b>SOUND LEVEL</b>	74 dB(A)
<b>POWER</b>	5 HP	<b>SUCTION INLET</b>	8 in.
<b>AMPERAGE</b>	5 to 12 A	<b>WEIGHT</b>	473 lb.
<b>AIR FLOW</b>	1200 CFM	<b>CORD LENGTH</b>	50 ft.

## OPERATE WITHOUT INTERRUPTIONS

- Filter pulse cleaning by compressed air
- Automatic timer continuously purges filter to maintain maximum performance

**1200 CFM**  
**(2000 m³/h)**

ALSO AVAILABLE



**GROUP E**  
**METAL DUST**

**THREE**  
**PHASE**

**BALDOR**  
A MEMBER OF THE ABB GROUP

## Ex PROOF REGENERATIVE BLOWER AND Ex PROOF SWITCH BOX

Quiet operation, low maintenance,  
and energy efficient

## FILTER CARTRIDGE

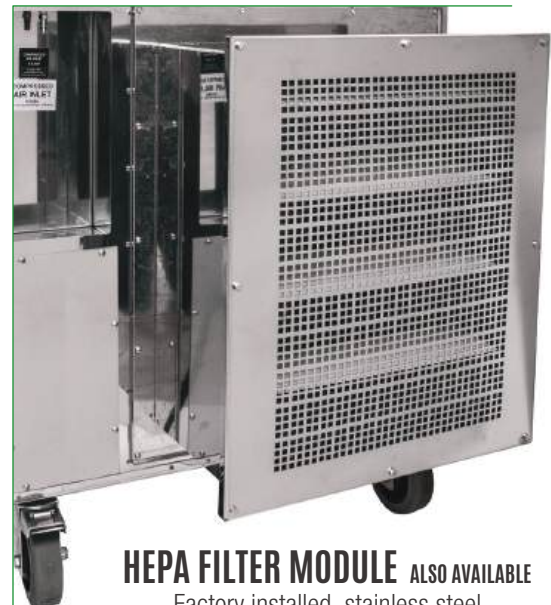
Aluminized spun bond conductive cartridge  
with an efficiency of 97% at 0.3 micron

ALSO AVAILABLE

Hemipleat® extreme flame retardant  
conductive cartridge with carbon,  
with an efficiency of 99.99% at 0.5 micron

## STAINLESS STEEL TYPE 304

- Corrosion resistant and easy to decontaminate
- Conductive paint also available



## HEPA FILTER MODULE ALSO AVAILABLE

Factory installed, stainless steel  
downstream HEPA filter module

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)





## DESIGNED TO SAFELY CAPTURE FUGITIVE AIRBORNE DUST

### HEPA FILTER

Filtration efficiency of  
99.99% at 0.3 micron



### OPERATE WITHOUT INTERRUPTIONS

- Filter pulse cleaning by compressed air
- Automatic timer continuously purges filter to maintain maximum performance

### EXTRACTION ARM

- 6 in. (150 mm) suction inlet
- 6.6 ft. or 10 ft. reach

**600-700 CFM**  
(1020-1190 m<sup>3</sup>/h)

ALSO AVAILABLE



**SINGLE  
PHASE**

**THREE  
PHASE**

**BALDOR**  
A MEMBER OF THE ABB GROUP

### Ex PROOF REGENERATIVE BLOWER AND Ex PROOF SWITCH BOX

Quiet operation, low maintenance,  
and energy efficient

### STAINLESS STEEL TYPE 304

Corrosion resistant and easy to decontaminate

### FILTER CARTRIDGE

Aluminized spun bond conductive cartridge  
with an efficiency of 97% at 0.3 micron

ALSO AVAILABLE

Hemipleat® extreme flame retardant  
conductive cartridge with carbon,  
with an efficiency of 99.99%  
at 0.5 micron

RECOVERY  
CAPACITY

**2.6 Gal.**  
**10 L**

DUST COLLECTOR

# CD-600 EX

**HEPA SS**

PART # 113003A3

*Continuous  
Duty 24-7*

<b>VOLTAGE</b>	120 to 575 V	<b>SOUND LEVEL</b>	72 dB(A)
<b>POWER</b>	1.5 to 2 HP	<b>SUCTION INLET</b>	6 in.
<b>AMPERAGE</b>	2.3 to 15 A	<b>WEIGHT</b>	353 lb.
<b>AIR FLOW</b>	600-700 CFM	<b>CORD LENGTH</b>	50 ft.

FOR COMPLETE SPECIFICATIONS, VISIT THE PRODUCT PAGE | [TIGER-VAC.COM](http://TIGER-VAC.COM)



### WALL MOUNTING BRACKET

Heavy duty mounting plate  
for dust extraction arm





## CAPTURE, CONTAIN, AND CONTROL DUST AT THE SOURCE

### 2 EXTRACTION ARMS

- 6 in. (150 mm) suction inlet
- 6.6 ft. or 10 ft. reach

#### ALSO AVAILABLE : 1 EXTRACTION ARM

- 8 in. (200 mm) suction inlet
- 6.6 ft. or 10 ft. reach

RECOVERY  
CAPACITY

**2.6 Gal.**  
**10 L**

### OPERATE WITHOUT INTERRUPTIONS

- Filter pulse cleaning by compressed air
- Automatic timer continuously purges filter to maintain maximum performance

**1200 CFM**  
**(2000 m<sup>3</sup>/h)**

ALSO AVAILABLE



**GROUP E**  
**METAL DUST**

**THREE**  
**PHASE**

**BALDOR**  
A MEMBER OF THE ABB GROUP

### Ex PROOF REGENERATIVE BLOWER AND Ex PROOF SWITCH BOX

Quiet operation, low maintenance,  
and energy efficient

### FILTER CARTRIDGE

Aluminized spun bond conductive cartridge  
with an efficiency of 97% at 0.3 micron

#### ALSO AVAILABLE

Hemipleat® extreme flame retardant  
conductive cartridge with carbon,  
with an efficiency of 99.99% at 0.5 micron

### STAINLESS STEEL TYPE 304

- Corrosion resistant and easy to decontaminate
- Conductive paint also available



DUST COLLECTOR

**CD-1200 EX**

**SS** PART # 113044A1

*Continuous*  
**Duty 24-7**

<b>VOLTAGE</b>	230 to 575 V	<b>SOUND LEVEL</b>	74 dB(A)
<b>POWER</b>	5 HP	<b>SUCTION INLET</b>	6 in.
<b>AMPERAGE</b>	5 to 12 A	<b>WEIGHT</b>	473 lb.
<b>AIR FLOW</b>	1200 CFM	<b>CORD LENGTH</b>	50 ft.



### HEPA FILTER MODULE

ALSO AVAILABLE

Factory installed, stainless steel  
downstream HEPA filter module

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# Tiger-Vac®

...THE NAME TO VACUUM WITH  
SINCE 1983



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