

Tiger-Vac®

...THE NAME TO VACUUM WITH
SINCE 1983

METALWORKING

MACHINE SHOPS · METAL FORMING · SUMP CLEANING · WELDING



TIGER-VAC.COM

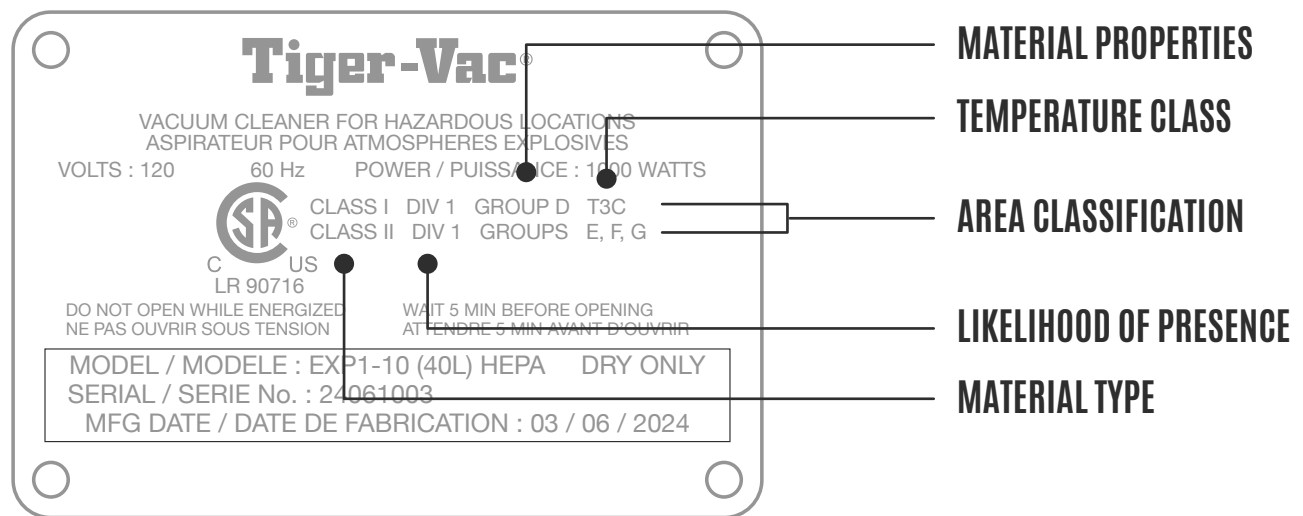
CHOOSE SAFETY, CHOOSE **Tiger-Vac®**

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)	<p>MOST</p> <p>●</p> <p>●</p> <p>LEAST</p>
			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 THE RECOVERY OF METAL CHIPS AND SHAVINGS MIXED WITH OIL

CAN BE USED FOR BOTH AQUEOUS AND SYNTHETIC BASED COOLANTS

ELECTRIC PUMP · 26 Gal./min. 100 L/min.

Allows recovered liquids to be pumped back into the machinery



DUAL MOTORS

Heavy Duty 2-Stage Bypass motor

3 independent switches:

- One for each motor
- One for the electric pump

INDICATOR LIGHT

Indicates maximum liquid recovery capacity

2 FILTERS

- Foam filter
- Dralon pre-filter

SIEVE BASKET

Separates chips and shavings from the recovered oil

MESH FILTER (300 microns)

- Polypropylene mesh filter protects the pump from very fine chips and shavings
- Filters the recovered oil, allowing it to be reused

ELECTRONIC FLOAT SHUTOFF

Stops the vacuum when the liquids reach full capacity

DRAIN VALVE 1.25 in.

Easy discharge

OIL AND METAL CHIP SEPARATION

HOGOIL PUMP

ELECTRIC

VOLTAGE	120 V	POWER OUTLET	20 Amps.
FREQUENCY	60 Hz	SUCTION INLET	2 in.
PHASE	SINGLE	REC. CAPACITY	8 Gal. DUST
WATTAGE	2040 W	REC. CAPACITY	24 Gal. LIQUID
POWER	2.7 HP	LENGTH	26 in.
AMPERAGE	15.2 A	WIDTH	22.5 in.
AIR FLOW	200 CFM	HEIGHT	49 in.
VAC. PRESSURE	90 in. H ₂ O	WEIGHT	127 lb.
SOUND LEVEL	75 dB(A)		
AIR FLOW	200 CFM		



SIEVE BASKET + MESH FILTER

Separates recovered oil from any chips and shavings, and filters it through the strainer allowing the oil to be reused



RECOVERY OF LARGE QUANTITIES OF METAL CHIPS MIXED WITH SOME OIL/COOLANT



PNEUMATIC AVAILABLE
Single venturi or twin venturi

DUAL MOTORS
Bypass long life motors

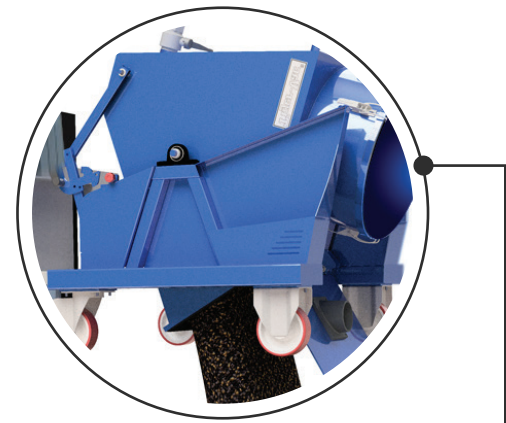
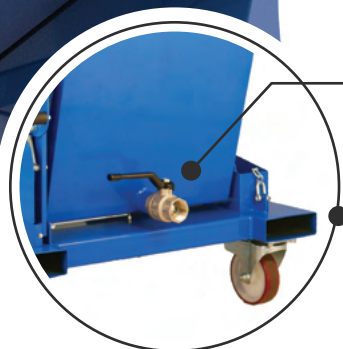
MAIN FILTER
Washable main cloth filter

LIQUID LEVEL INDICATOR
Impact-resistant polycarbonate

SEPARATION SCREEN
Removable screen allows the chips to be separated from the oil/coolant

DRAIN VALVE 1 in.
Easy discharge

FORKLIFT-READY
Easy emptying using a forklift to lift and dump the contents of the hopper



SELF-DUMPING OVERTURNING HOPPER
Can be emptied using a forklift
(Remove powerhead before dumping)

METAL CHIPS AND OIL/COOLANT
4D-300 (SDOH)
SERIES

SELF-DUMPING OVERTURNING HOPPER

VOLTAGE	120 V	SUCTION INLET	90 mm
FREQUENCY	60 Hz	CART TYPE	Carriage Base
PHASE	SINGLE	LENGTH	43 in.
POWER	2.7 to 3.2 HP	WIDTH	37 in.
AMPERAGE	15.2 to 21 A	HEIGHT	57 in.
AIR FLOW	200 to 220 CFM	WEIGHT	365 lb.
VAC. PRESSURE	90 in. to 107 in. H ₂ O	CORD LENGTH	33 ft.



RECOVERY OF LARGE QUANTITIES OF OIL/COOLANT MIXED WITH SOME METAL CHIPS



ELECTRIC VERSION AVAILABLE

TWIN VENTURI AVAILABLE

SINGLE VENTURI

- Very low surface temperature
- Consistent performance
- Quiet operation

FLOATER

Liquid level cutoff

PROTECTION FILTER + SIEVE BASKET

- Sieve basket separates the chips from the coolant
- Protection filter prevents smaller particles from entering inside the pump

LIQUID LEVEL INDICATOR

Impact-resistant polycarbonate

UPPER PART

Basket collects metal chips

10 Gal.
30 L

INTERNAL VOLUME
55 Gal.
200 L

LOWER PART

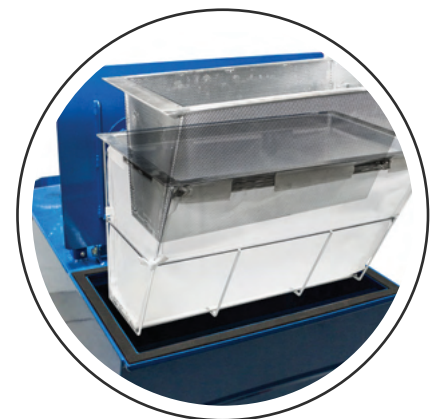
Oil/coolant is deposited during recovery

45 Gal.
170 L

OIL/COOLANT AND METAL CHIPS

CS-300 SERIES

VENTURI (Diam.)	6 mm	SUCTION INLET	80 mm
MIN. COMPRESSOR	15 HP	REC. CAPACITY	45 Gal. LIQUID
AIR LINE SIZE (Diam.)	0.5 in.	REC. CAPACITY	10 Gal. SOLID
AIR VOLUME	45 CFM	LENGTH	47 in.
AIR PRESSURE	80 PSI	WIDTH	24 in.
AIR FLOW	120 CFM	HEIGHT	51 in.
VAC. PRESSURE	170 in. H ₂ O	WEIGHT	410 lb.



PROTECTION FILTER + SIEVE BASKET

Sieve basket with lifting handles and protection filter



POWERFUL AND FLEXIBLE, IDEAL FOR MACHINE SHOPS, HEAVY CLEANUP, ETC.



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
- Recovery capacity of 16 Gal. (60 L)

AVAILABLE

- Recovery capacity of 26 Gal. (100 L)

TOOL BASKET

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

CONDUCTIVE WHEELS

Prevents static buildup

DRY RECOVERY

TV-200

MFS HEPA ORDLOC-652

VOLTAGE	120 V	SOUND LEVEL	70 dB(A)
FREQUENCY	60 Hz	POWER OUTLET	20 Amps
PHASE	SINGLE	INLET PORT	70 mm
WATTAGE	2400 W	LENGTH	32 in.
POWER	3.2 HP	WIDTH	26 in.
AMPERAGE	15.8 A	HEIGHT	54.5 in.
AIR FLOW	270 CFM	WEIGHT	143 lb.
VAC. PRESSURE	71.5 H ₂ O	CORD LENGTH	30 ft.



3-MOTOR POWERHEAD

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



POWERFUL AND FLEXIBLE, IDEAL FOR MACHINE SHOPS, HEAVY CLEANUP, ETC.

Continuous Duty **24-7**

TEFC THREE-PHASE MOTOR

Greater power, efficiency, and usable life

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

70 mm TANGENTIAL INLET AND CYCLONE

Separates fine particles from large particles

DETACHABLE TANK WITH SIGHT GLASS

- Easy access to recovered powders
- Recovery capacity of 26 Gal. (100 L)

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

CONDUCTIVE WHEELS

Prevents static buildup



DRY RECOVERY

TV-740S

MFS HEPA ORDLOC-652

VOLTAGE	208-230 to 575 V	VRV SETTING	110 H ₂ O
FREQUENCY	60 Hz	SOUND LEVEL	74 dB(A)
PHASE	THREE	INLET PORT	70 mm
WATTAGE	4600 W	LENGTH	43 in.
POWER	6 HP	WIDTH	24.5 in.
AMPERAGE	7.6 to 15.6 A	HEIGHT	58 in.
AIR FLOW	294 CFM	WEIGHT	305 lb.
VAC. PRESSURE	155 H ₂ O	CORD LENGTH	30 ft.



CONTROL PANEL ON MOTOR HOUSING

Manual starter with overload protection and differential pressure gauge



POWERFUL AND COMPACT FOR CONTINUOUS EXTRACTION FROM PRODUCTION MACHINERY

OPTION #1

STATIC CONDUCTIVE HOSE

Moisture and UV resistant
Efficient air flow

HEPA · SILENCER

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

SINGLE PHASE

THREE PHASE

600-700 CFM
(1020-1190 m³/h)

Continuous Duty 24-7

TEFC MOTOR

CENTRIFUGAL BLOWER

CONDUCTIVE HEPA FILTER

Washable star-shaped polyester main filter

MANUAL FILTER SHAKER

Dislodges caked-on powders

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

INLET SIZE

- 4 in. inlet tube
- Support elbow with flange for dust extraction arm

RECOVERY CAPACITY
10.5 Gal. 40 L

AVAILABLE
16 Gal. 60 L
26 Gal. 100 L

CONDUCTIVE WHEELS

Prevents static buildup

DRY RECOVERY

PDC-200 (DT)

MFS HEPA ORDLOC-652

VOLTAGE	120 to 575 V	SUCTION INLET	4 in.
FREQUENCY	60 Hz	LENGTH	32 in.
WATTAGE	1150 or 1725 W	WIDTH	26 in.
POWER	1.5 or 2 HP	HEIGHT	54.5 in.
AMPERAGE	1.5 to 13.2 A	WEIGHT	147 lb.
SOUND LEVEL	72 dB(A)	CORD LENGTH	30 ft.

OPTION #2



Flange

Support elbow

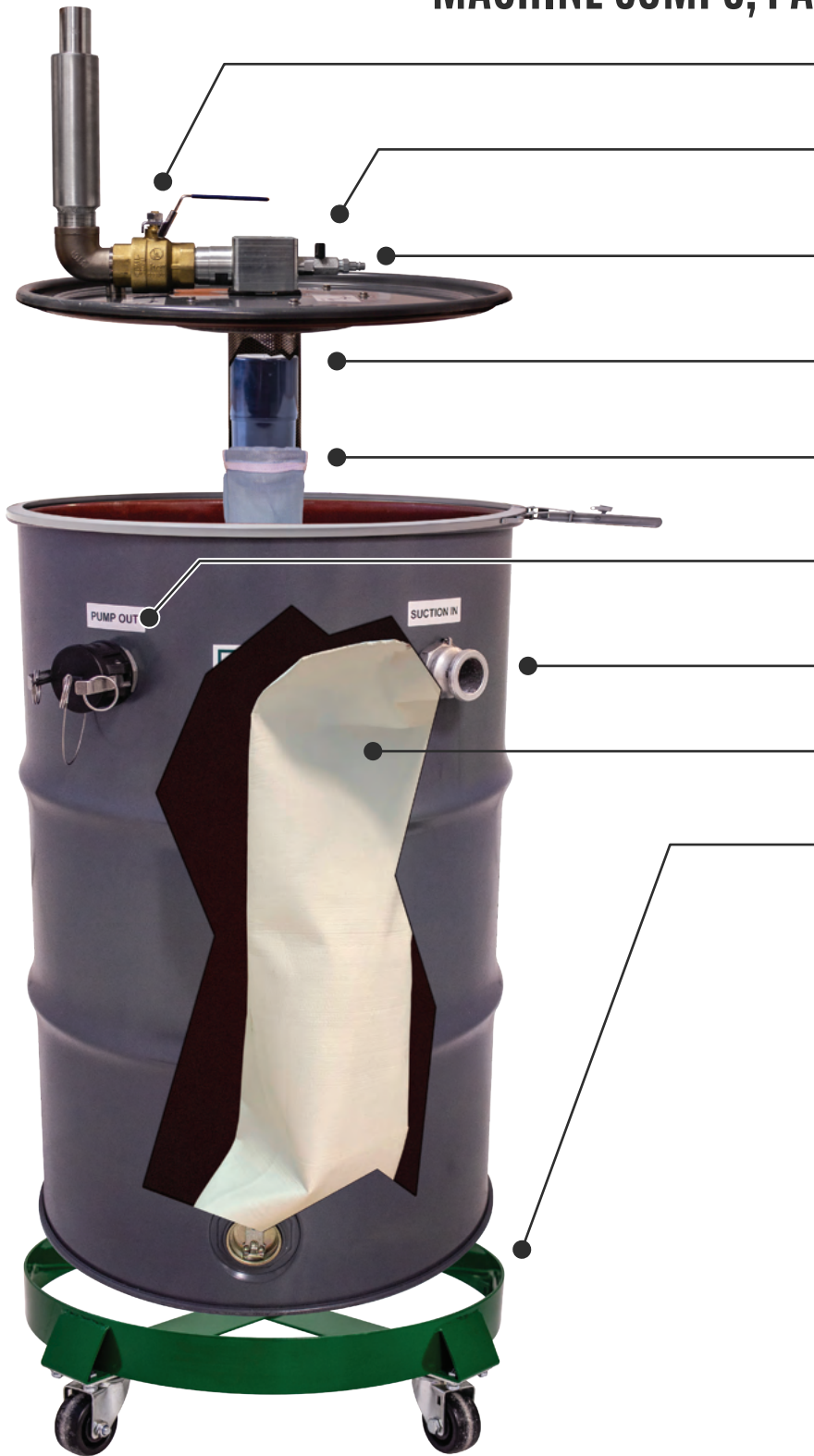
EXTRACTION ARM

For the recovery of airborne dust

SUMP CLEANING AND FLUID RECYCLING SYSTEM



ECONOMICAL SOLUTION FOR CLEANING MACHINE SUMPS, PARTS WASHERS, AND TANKS



SUCTION VALVE

Pump-out mode

ON / OFF

Activation switch

AIR INLET

Male quick disconnect

FLOATER

Liquid level cut-off

SAFETY FILTER

Polypropylene mesh

DISCHARGE OUTLET

1.5 in. leak-proof male camlock

SUCTION INLET

1.5 in. leak-proof male camlock

RECOVERY BAG

Recovery capacity of 2 Gal. (7.5 L)

4-WHEEL DOLLY AVAILABLE

Easy maneuverability

AV1-55

50 Gal. SUMP VACUUM

VENTURI	SINGLE
POWER	10 - 15 HP
AIR LINE SIZE	0.375 in. (Diam.)
AIR VOLUME	35 CFM
AIR PRESSURE	100 PSI
AIR FLOW	85 CFM
VAC. PRESSURE	135 H ₂ O
SOUND LEVEL	73 dB(A)
SUCTION INLET	1.5 in. CAMLOCK
CART	4 WHEEL DOLLY
REC. CAPACITY	40 Gal. (151.5 L) LIQUID
REC. CAPACITY	2 Gal. (7.5 L) BAG
LENGTH	24 in.
WIDTH	24 in.
HEIGHT	47 in.

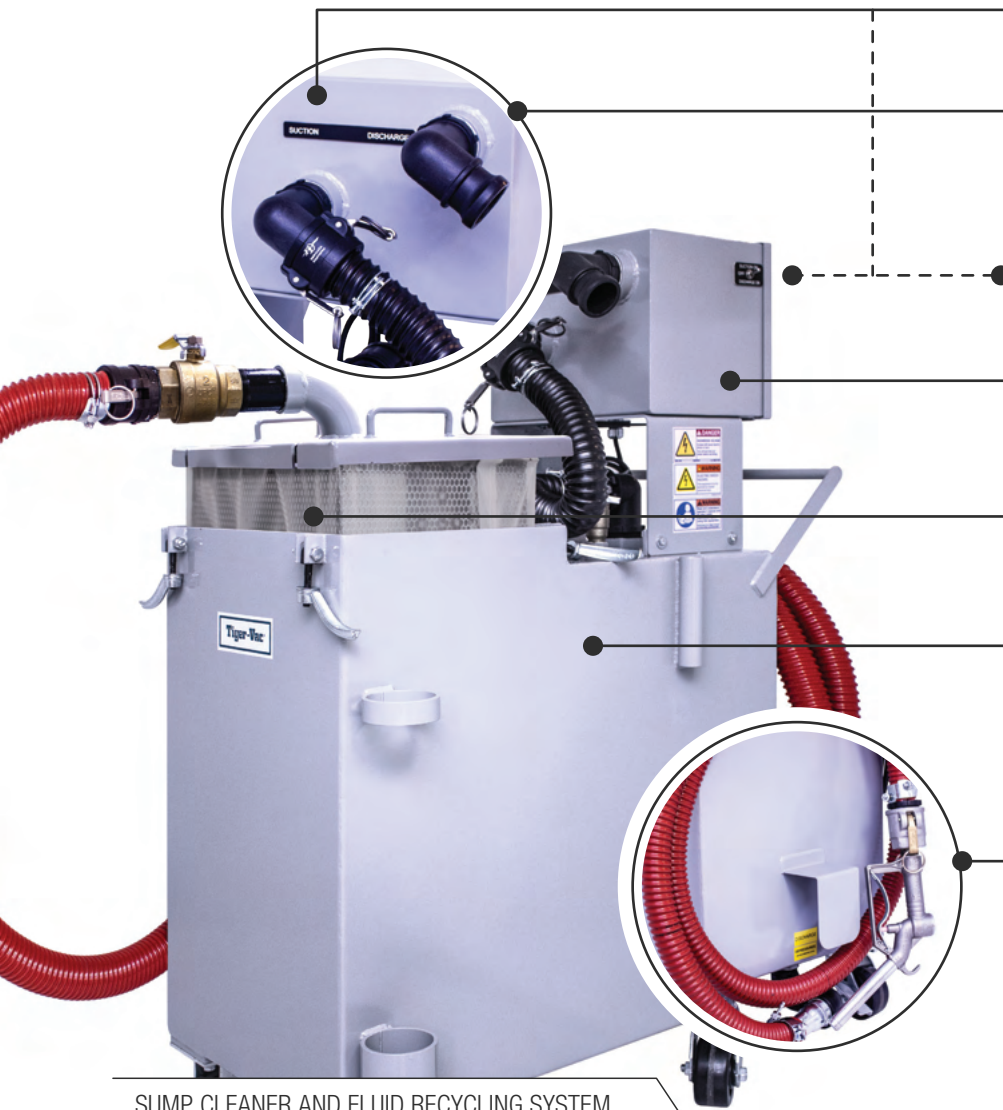


DESIGNED FOR THE RECOVERY OF
METAL CHIPS AND SHAVINGS
MIXED WITH COOLANT



DESIGNED FOR THE RECOVERY OF
METAL CHIPS AND SHAVINGS
MIXED WITH COOLANT

ELECTRIC SUMP CLEANER AND FLUID RECYCLING SYSTEM



SUCTION 85 Gal./min.
Recover chips, sludge, grinding swarf, etc.

DISCHARGE 40 Gal./min.

- Quickly return the filtered coolant to the sump
- Discharge the coolant to waste treatment
- Discharge the coolant to a recycling system

SUCTION /DISCHARGE SWITCH

3-STAGE MOTOR

- 120 V, single phase motor
- Generates 146 in. H₂O vacuum

CHIP BASKET + POLY FILTER SLEEVE
Filters sludge and separates the chips from the coolant

RECOVERY CAPACITY
50 Gal. (190 L) of liquid



DISCHARGE HOSE 1.5 in.
Oil resistant with gasoline-type handle



COLLECT · FILTER · SEPARATE

- Basket recovery capacity of 12 Gal.
- Poly filter sleeve (50 microns)

SUMP CLEANER AND FLUID RECYCLING SYSTEM

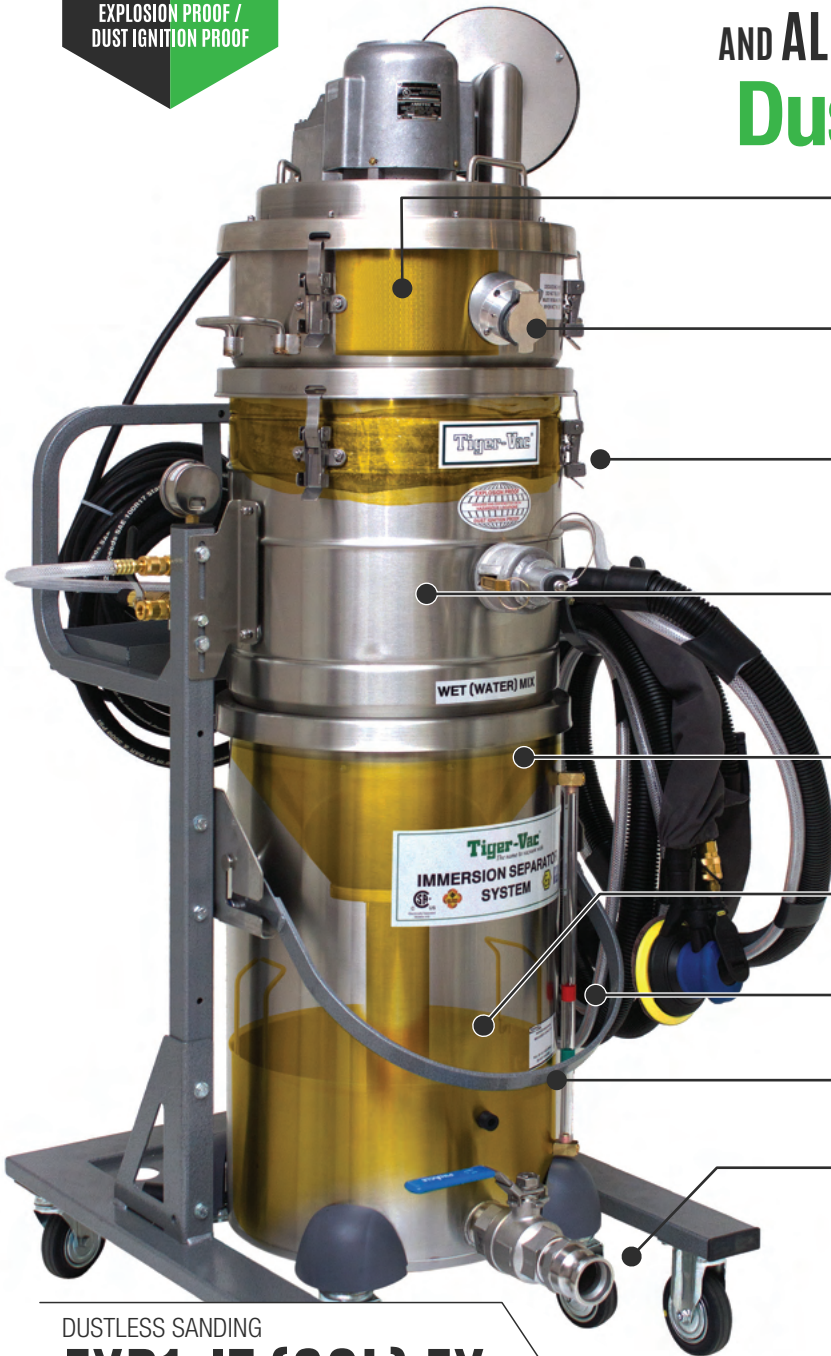
50 Gal. ELECTRIC SERIES

REMOVE COOLANT, SLUDGE, AND CHIPS FROM THE SUMP

VOLTAGE	120 V	POWER OUTLET	20 Amps.
FREQUENCY	60 Hz	SUCTION INLET	2 in.
PHASE	SINGLE	CART TYPE	Carriage Base
WATTAGE	1550 W	LENGTH	44 in.
POWER	2 HP	WIDTH	23.5 in.
AMPERAGE	14 A	HEIGHT	51 in.
AIR FLOW	102.5 CFM	WEIGHT	350 lb.
VAC. PRESSURE	146 in. H ₂ O	CORD LENGTH	22 ft.
SOUND LEVEL	76 dB(A)		



POINT OF GENERATION DUST CONTROL FOR THE RECOVERY OF
ALUMINUM, MAGNESIUM, ZIRCONIUM,
AND ALL OTHER COMMERCIAL ALLOYS
Dustless Sanding



COALESCING FILTER ELEMENT

Prevents moisture buildup from damaging electrical components

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 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

DRAIN VALVE 38 mm

With locking system to prevent accidental spills

DUSTLESS SANDING

EXP1-IT (63L) EX

(CFE) SK HEPA FOR HAZLOGS WET MIX SYSTEM WATER

VOLTAGE	120 V	VAC. PRESSURE	69 in. H ₂ O
FREQUENCY	60 Hz	SOUND LEVEL	78 to 85 dB(A)
PHASE	SINGLE	SUCTION INLET	2 in.
WATTAGE	1000 W	LENGTH	31 in.
POWER	1.3 HP	WIDTH	24 in.
AMPERAGE	9 A	HEIGHT	63 in.
AIR FLOW	132 CFM	WEIGHT	168 lb.

HEPA FILTER

Filtration efficiency of 99.995% at 0.3 micron

Ω
 LESS THAN
10 ohms
 RESISTIVITY

SINGLE
PHASE

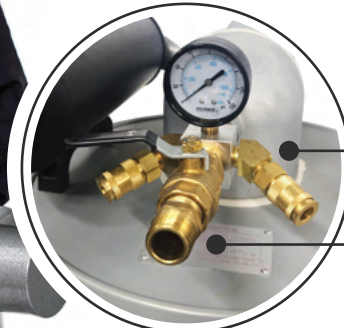


TEFC EXPLOSION PROOF /
DUST IGNITION PROOF MOTOR

Greater power, efficiency, and usable life



POINT OF GENERATION DUST CONTROL FOR THE RECOVERY OF
ALUMINUM, MAGNESIUM, ZIRCONIUM,
AND ALL OTHER COMMERCIAL ALLOYS
Dustless Sanding



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

STAINLESS STEEL 430

Corrosion resistant and easy to decontaminate
 • Available in stainless steel 304

SPARK TRAP AVAILABLE

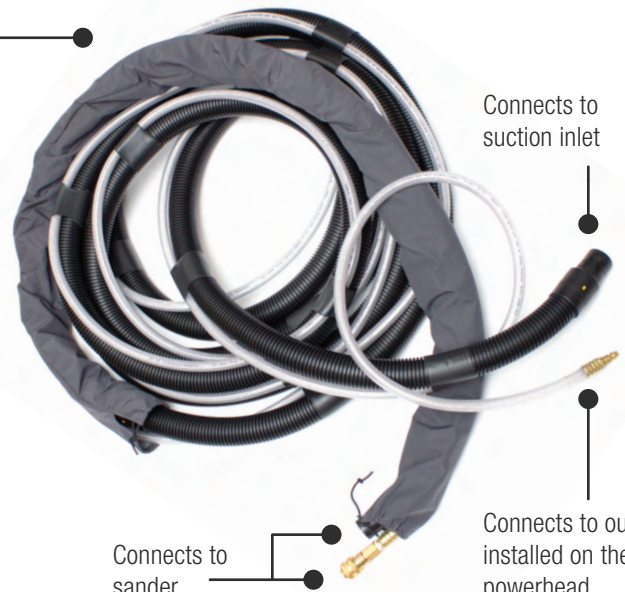
Prevents sparks from entering the recovery tank

DUAL PORT

Allowing 2 operators to work simultaneously

20 ft. SUCTION/ AIR LINE HOSE

Static dissipative and conductive



Connects to suction inlet

Connects to sander

Connects to outlet installed on the powerhead

DUSTLESS SANDING

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

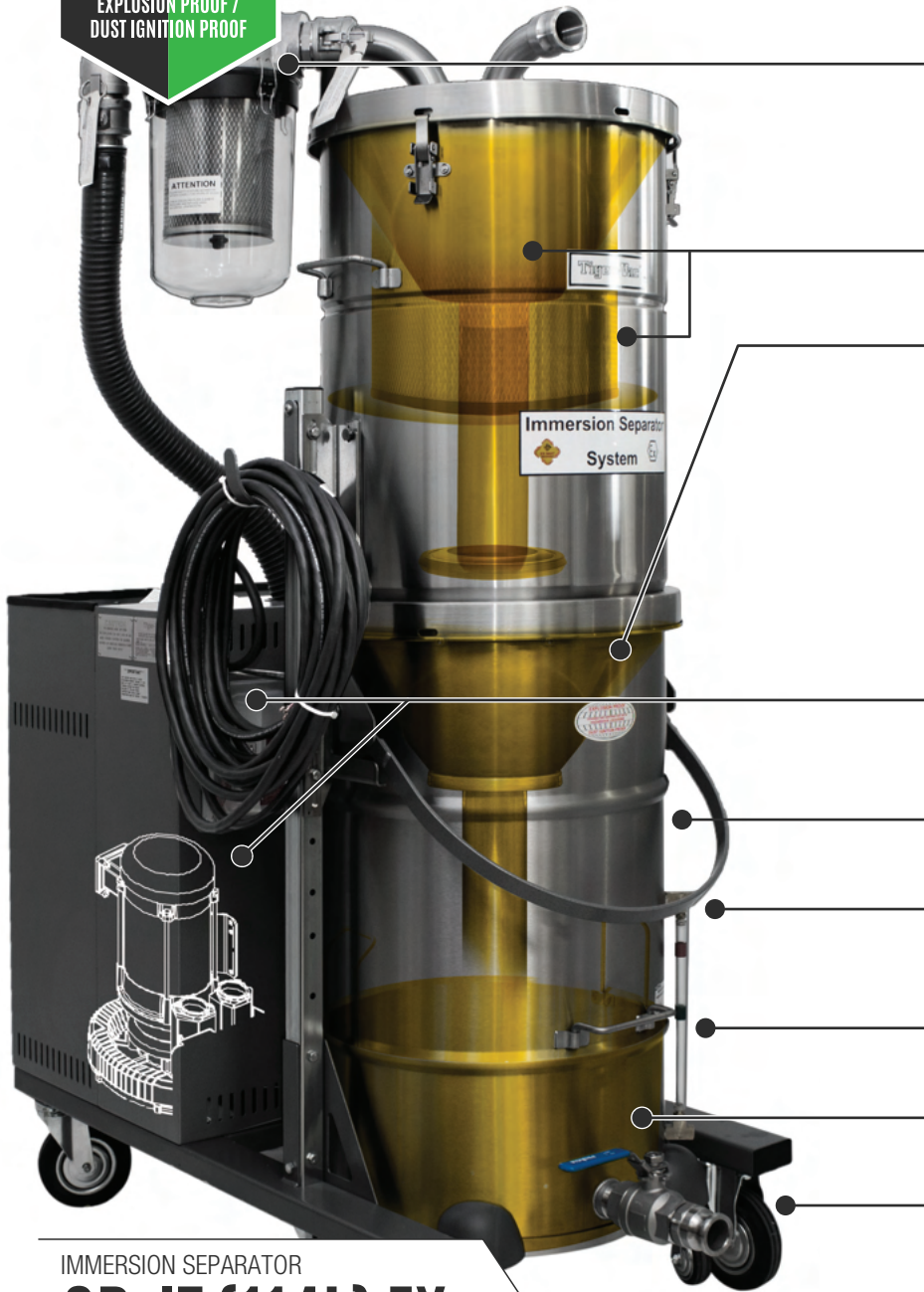
DUST EXTRACTION/VACUUM

VENTURI (Diam.)	6 mm	VAC. PRESSURE	180 in. H ₂ O
MIN. COMPRESSOR	15 HP	SUCTION INLET	1.5 in.
AIR LINE SIZE (Diam.)	0.75 in.	REC. CAPACITY	5 Gal. BAG
AIR VOLUME	45 CFM	HEPA/ULPA FILTER SURFACE AREA	5.4 ft ²
AIR PRESSURE	80 PSI	MAIN FILTER FILTER SURFACE AREA	3.75 ft ²
AIR FLOW	120 CFM		

HYDROGEN FREE
WHEN USED WITH MINERAL OIL

Div.1
EXPLOSION PROOF /
DUST IGNITION PROOF

DESIGNED TO RECOVER AND NEUTRALIZE METAL AND EXPLOSIVE DUST



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

**SINGLE
PHASE**

**THREE
PHASE**

Continuous
Duty 24-7

E GROUP E
METAL DUST

TEFC EXPLOSION PROOF/ DUST IGNITION PROOF MOTOR

Greater power, efficiency, and usable life

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

DETACHABLE TANK

- Recovery capacity of 33 lb. (15 kg.) of metal powders
- Easy access to recovered powders

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

IMMERSION SEPARATOR

CD-IT (114L) EX

CFE HEPA

WET MIX SYSTEM WATER OR OIL

VOLTAGE	230 to 575 V	VRV SETTING	100 in. H ₂ O
FREQUENCY	60 Hz	SUCTION INLET	2 in.
PHASE	THREE	LENGTH	50 in.
WATTAGE	3700 W	WIDTH	29 in.
POWER	5 HP	HEIGHT	72 in.
AMPERAGE	5 to 12 A	WEIGHT	400 lb.
AIR FLOW	225 CFM	CORD LENGTH	50 ft.
VAC. PRESSURE	155 in. H ₂ O		



COALESCING FILTER ELEMENT

Prevents moisture from entering and damaging the motor



HYDROGEN FREE
WHEN USED WITH MINERAL OIL

HYDROGEN SAFE
WHEN USED WITH WATER



DESIGNED TO RECOVER AND NEUTRALIZE METAL AND EXPLOSIVE DUST

2 COALESCING FILTER ELEMENTS

- Prevents moisture buildup
- HEPA grade with an efficiency of 99.97% at 0.3 micron



DEGASSING VENT

Vents potentially hazardous gas buildup inside the vacuum

UPPER CONE + CYLINDER

Prevents mist buildup from reaching the motor

STAINLESS STEEL 304

Corrosion resistant and easy to decontaminate

SEPARATOR CONE

Prevents droplets and dust from reaching the motor

DETACHABLE TANK

- Recovery capacity of 22 lb. (10 kg.) of metal powders
- Easy access to recovered powders

LIQUID LEVEL INDICATOR

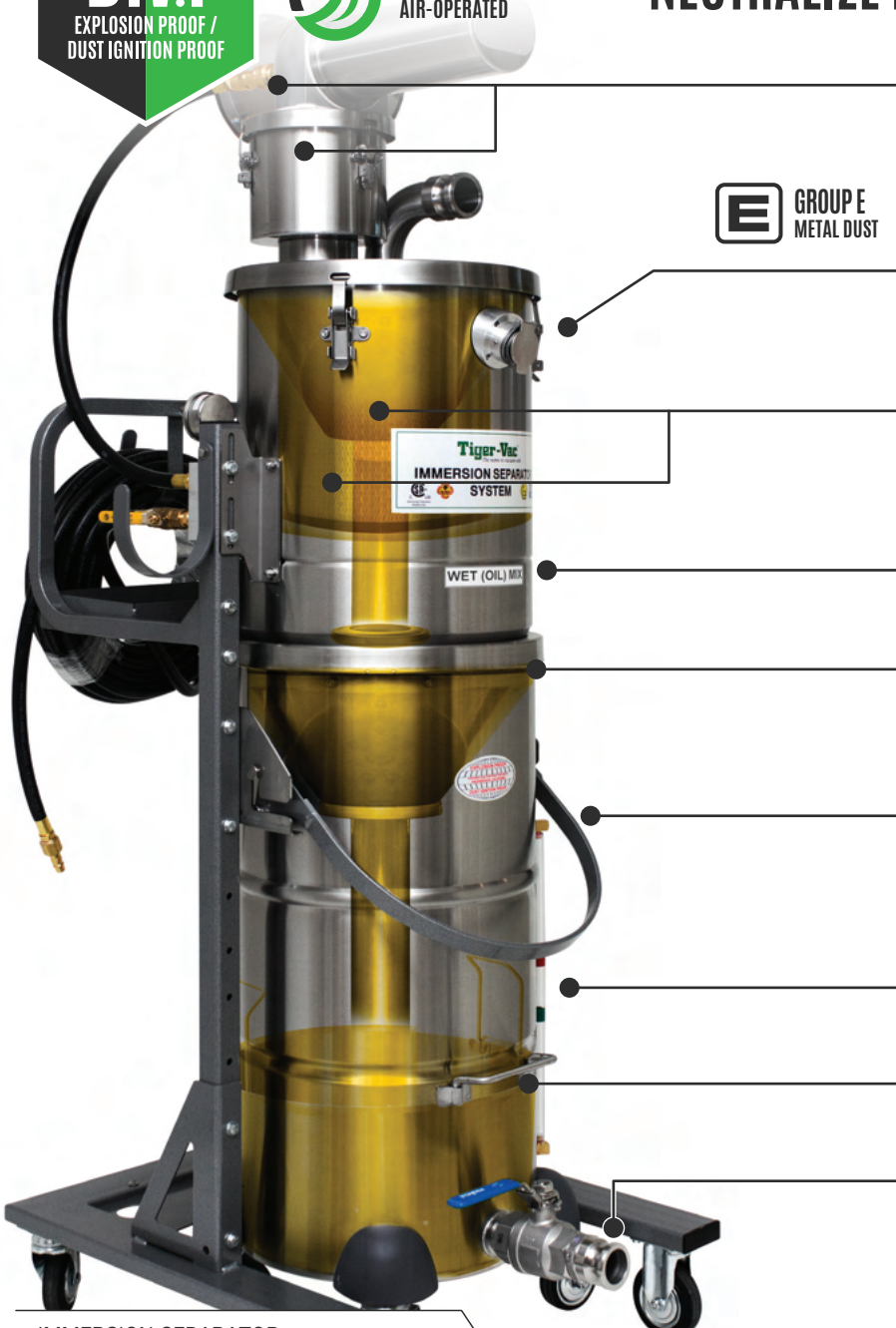
Impact-resistant polycarbonate

SIEVE BASKET

Separates the sludge from the neutralizing liquid

DRAIN VALVE 38 mm

With locking system to prevent accidental spills



IMMERSION SEPARATOR
SS-IT (85L) EX
CFE HEPA

WET MIX SYSTEM **WATER OR OIL**

VENTURI (Diam.)	5 mm	SOUND LEVEL	70 dB(A)
MIN. COMPRESSOR	15 HP	SUCTION INLET	2 in.
AIR LINE SIZE (Diam.)	0.5 in.	REC. CAPACITY	22 lb. POWDERS
AIR VOLUME	45 CFM	LENGTH	40 in.
AIR PRESSURE	80 PSI	WIDTH	24 in.
AIR FLOW	120 CFM	HEIGHT	71 in.
VAC. PRESSURE	120 in. H ₂ O	WEIGHT	207 lb.



SIEVE BASKET

Separates the sludge from the neutralizing liquid (Stainless steel 304)



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



SINGLE VENTURI

- Very low surface temperature
- Consistent performance
- Quiet operation

UPSTREAM HEPA FILTER

- Filtration efficiency of 99.99% 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

DRY RECOVERY

AVSD-35L DT
MFS HEPA

VENTURI (Diam.)	6 mm	SOUND LEVEL	73 dB(A)
MIN. COMPRESSOR	15 HP	SUCTION INLET	2 in.
AIR LINE SIZE (Diam.)	0.5 in.	REC. CAPACITY	9.2 Gal.
AIR VOLUME	45 CFM	LENGTH	25 in.
AIR PRESSURE	80 PSI	WIDTH	25 in.
AIR FLOW	120 CFM	WEIGHT	38 lb.
VAC. PRESSURE	180 in. H ₂ O		



TOOL BASKET

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

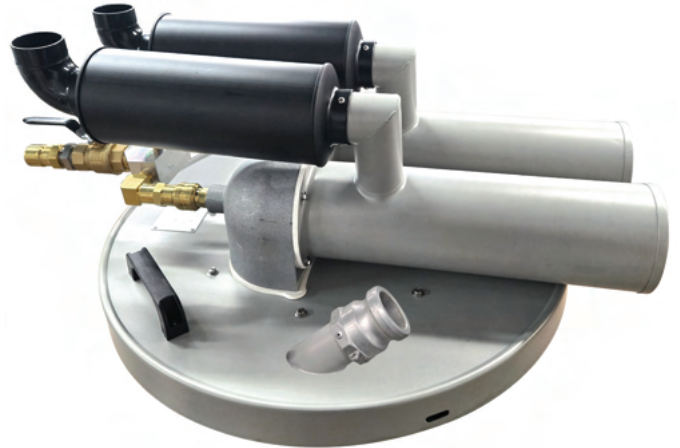


DRUM-TOP CAPABILITY
OPERATOR CAN USE THEIR OWN 55 Gal. DRUM

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



SINGLE VENTURI
Compressed air-operated



TWIN VENTURI
Compressed air-operated



DUAL MOTORS
Electric





DESIGNED TO SAFELY CAPTURE FUGITIVE AIRBORNE DUST

OPERATE WITHOUT INTERRUPTIONS

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

HEPA FILTER

Filtration efficiency of 99.99% at 0.3 micron

EXTRACTION ARM

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

SINGLE PHASE

THREE PHASE

600-700 CFM
(1020-1190 m³/h)

Continuous Duty **24-7**



AVAILABLE GROUP E METAL DUST

TEFC EXPLOSION PROOF/ DUST IGNITION PROOF MOTOR

Greater power, efficiency, and usable life

FILTER CARTRIDGE

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

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) capacity
- Accessible via sliding drawer



FILTER MONITORING

Measures and indicates pressure differential (accurate within 1%)



DUST COLLECTOR

CD-600 EX HEPA

STAINLESS STEEL

LOW PRESSURE · HIGH FLOW RATE

VOLTAGE	120 to 575 V	SUCTION INLET	6 in.
FREQUENCY	60 Hz	FILTER CLEANING	MRP-ARP
PHASE	SINGLE or THREE	LENGTH	34 in.
WATTAGE	1150 to 1725 W	WIDTH	27 in.
POWER	1.5 to 2 HP	HEIGHT	68 in.
AMPERAGE	2.3 to 15 A	WEIGHT	353 lb.
AIR FLOW	600-700 CFM	CORD LENGTH	50 ft.
SOUND LEVEL	72 dB(A)		



DESIGNED TO SAFELY CAPTURE WELDING AND GRINDING FUMES

Source capture

Capturing fume at the source is the most effective and energy efficient method

3-STAGE FILTRATION SYSTEM

- Mesh filter
- Hemipleat® Extreme cartridge
- Carbon after-filter

EXHAUST SYSTEM CARBON FILTER

Filters fumes in the venting process

MANUAL FILTER CARTRIDGE PULSE CLEANING

Filter pulse cleaning by compressed air (10 L tank)

EXTRACTION ARM

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

SINGLE PHASE

THREE PHASE

600-700 CFM
(1020-1190 m³/h)



TEFC MOTOR

LOW PRESSURE · HIGH FLOW RATE

FILTER CARTRIDGE

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

SPARK TRAP

Prevents sparks from entering the dust recovery drawer

PRIMARY DUST TRAY

- 1 Gal. (3.8 L) capacity
- Accessible via sliding tray

DUST TRAY

- 2.6 Gal. (10 L) capacity
- Accessible via sliding drawer

CONDUCTIVE WHEELS

Prevents static buildup

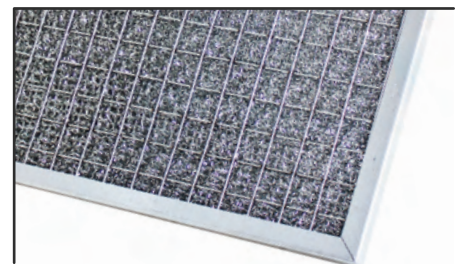
FUME EXTRACTOR

TV-600 (WF)

POWDER COATED

WELDING AND GRINDING FUMES

VOLTAGE	120 to 575 V	AMPERAGE	2.3 to 13.2 A
FREQUENCY	60 Hz	AIR FLOW	600-700 CFM
PHASE	SINGLE or THREE	SUCTION INLET	6 in.
WATTAGE	1150 to 1725 W	CART TYPE	Carriage Base
POWER	1.5 to 2 HP	CORD LENGTH	30 to 50 ft.



SPARK TRAP

1st stage of filtration consists of a mesh filter, preventing sparks from entering the dust recovery drawer

Tiger-Vac®

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SINCE 1983



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