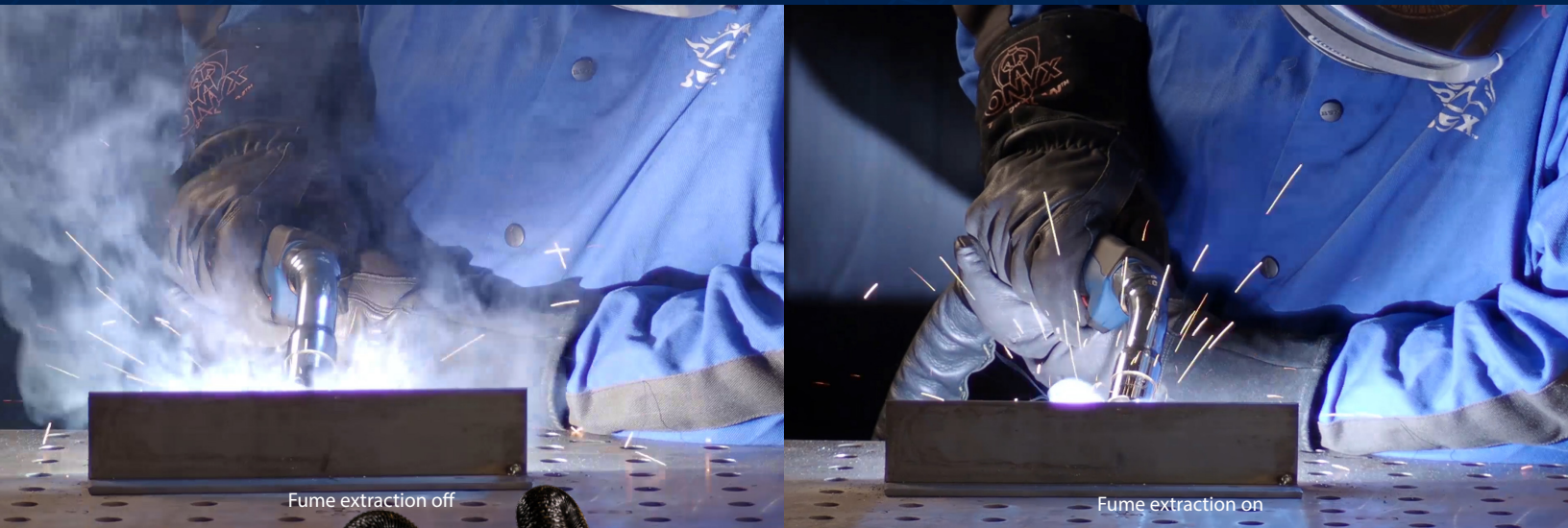




RoboVent®

Improving Lives through Clean Air™



Fume extraction off

Fume extraction on

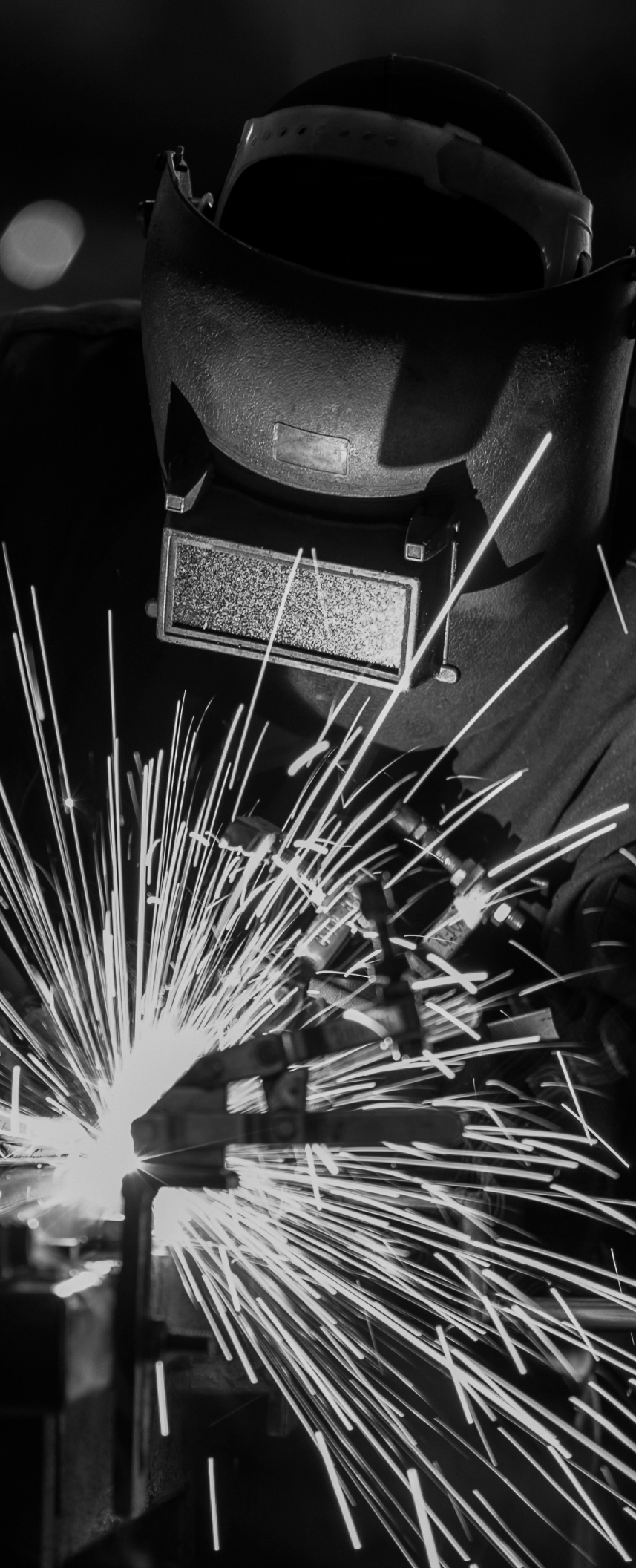


Distribution Catalog

Weld Fume Extraction Solutions

RoboVent[®]





We are a full-service partner for weld fume extraction solutions. As the leader in our industry, we leverage our turnkey solutions and superior design and engineering to deliver exceptional results for distributors and manufacturers across North America.

This catalog provides a quick reference guide to our product lines available through distribution:

- Fume Guns
- Portable Weld Fume Extraction Equipment

EXTRACTOR 250

Rating: 250 Amps
Duty Cycle: 100%
Length: 3, 4, or 5 meters



The Extractor 250 is the lightest, most maneuverable fume gun in the Extractor series. Rated at 250 amps with a 100% duty cycle on mixed gas and 280 amps on pure CO2. The 250 is the perfect choice for most general duty welding applications. Available in three, four, and five meter lengths, with a weight of 2.9 lbs at three feet off the ground.

FEATURE	BENEFIT
Light Weight	Less user fatigue
Ball and Socket	More Maneuverability
Close Capture	Captures more fume
Leather Hose Cover	Protects the flex hose

EXTRACTOR 300

Rating: 300+ Amps
Duty Cycle: 100%
Lengths: 3, 4, 5, and 6 meters

The Extractor 300 is ideal for heavier-duty welding. It's lighter and more flexible than other competitive guns in its class. It is rated higher than 300 amps with a 100% duty-cycle on mixed gas and 320 amps on pure CO2. Available in three, four, five or six-meter hose-lengths and weighs 4lbs at three feet off the ground.

FEATURE	BENEFIT
Extended Nozzles	For high heat and hard to reach places
Ball and Socket	More maneuverability
Close Capture	Captures more fume
Leather Hose Cover	Protects the flex hose



Wire Feed Connectors and Wiring Harnesses

Universal adapters help easily switch between different feeder models or connector styles. Feed connectors and wiring harnesses are available, including Tweco connectors and popular Miller and Lincoln feeder styles.



Need a custom solution? For more information on custom and engineered solutions go to robovent.com/solutions

MINICUBE

MINICUBE DUO

HVP-100: 2 HP 240/1/60

HVP-150: 2 HP 480/3/60

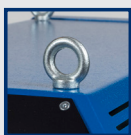
HVP-200: 4 HP 480/3/60

HVP-230: 5 HP 480/3/60

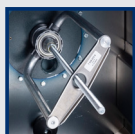
The MiniCube was designed specifically to pair with the RoboVent Extractor Fume Guns - connect one gun or two guns (MiniCube Duo). The combination of the MiniCube and Extractor capture up to 95% of weld fumes with a filter efficiency of more than 99%. This lightweight, compact and portable unit is ideal when the job requires the welder to be mobile.



FEATURE	BENEFIT
VFD	Maintains consistent flow
Pulse cleaning	Longer filter life
Arc Sensor	Turns machine on when welding
Filter Alarm	Notifies user when to change filter
Dust Tray	For easy particulate clean up
Casters	Easy to move around



4 durable eye bolts to make lifting easier.



Automatic pulse system keeps the filter clean.



Durable castor wheels make the MiniCube ultra portable.

Replacement Filters:



Filter Part #: 374020
Filter Mat Part #: 374025

	MiniCube HVP-100/HVP-150	MiniCube Duo HVP-200/HVP-230
Dimensions	27.5"Lx17.3"Wx23"H	27.5"Lx20.8"Wx24.8"H
Motor	2HP	4HP – HVP-200 5HP – HVP-230
Power – 60hz	220-240V/Single Phase – HVP100 380-480V/3-Phase – HVP-150	380-480V/3-Phase
Volume	106 cfm	147 cfm
Use	(1) RoboVent Extractor Gun	(1 or 2) RoboVent Extractor Guns
Filter Details	Self-Cleaning Cartridge, 54 ft ² , MERV 15	Self-Cleaning Cartridge, 54 ft ² , MERV 15
Operating Temperature	32F to 122F	32F to 122F
Inlet Size	(1) 2" diameter	(2) 2" diameter
Weight	99 lbs	128 lbs
Noise Level	<65 dB(A)	<65 dB(A)

***VENT*BOSS[®]**

by ***RoboVent[®]***





VentBoss is a portable, plug-n-play line of RoboVent dust collectors. These units are designed and manufactured to meet the needs of fab shops & welding programs. Though typically for light to medium duty applications, these units still provide powerful, affordable fume extraction options in a variety of configurations to meet the needs of any application.

Three series to choose from:

- Series 100 | Tough Portables
- Series 200 | Plug-N-Play Workstations
- Series 300 | Space Savers

SERIES 100

TOUGH PORTABLES

These durable, roll-around units are ideal for manual welding applications. Their size and portability make them a popular choice where welding is not stationary.

G110

(1) 6"x10' Fume Arm

G111

(1) 6"x14' Fume Arm

Capacity: 750 CFM @ 4.5"W.G.
Motor: 0.75 HP, Direct Drive
Voltage: Single Phase, 110V, 60Hz
Filter: EX-18D16-A15

This single-arm, light-duty collector provides effective extraction for individual weld stations consuming up to 25 pounds of weld wire per week.

FEATURE

BENEFIT

Fume arm	Source capture
Handle	Easy to move
External support for fume arms	Increased air draw
Industrial grade casters	Increased durability / Easy to move
Allows for manual cleaning	Prolongs filter life



G112

Capacity: 750 CFM @ 4.5"W.G.
Motor: 0.75 HP, Direct Drive
Voltage: Single Phase, 110V, 60Hz
Filter: EX-18D16-A15

FEATURE

BENEFIT

Magnetic Fume hose	Allows custom mounting options
Handle	Easy to move
Industrial grade casters	Increased durability / Easy to move
Allows for manual cleaning	Prolongs filter life

G120

Capacity: 1200 CFM @ 4.5" W.G.
Motor: 1.5 HP, Direct Drive
Voltage: Single phase, 110V, 60Hz
Filter: EX-14D26-A15-SF



FEATURE

BENEFIT

Fume Arm	Source capture
Handle	Easy to move
External support for fume arms	Increased air draw
Industrial grade casters	Increased durability / easy to move
Pulse cleaning / Built in Air Tank	Longer filter life
Dust tray with baffle	Easy to clean and longer filter life

This convertible collector provides more power to support up to two weld stations consuming up to 50 pounds of weld wire per week. The G120 family can be fitted with single or double fume arms or converted into a portable downdraft table.

UNIT

FEATURES

G120	(1) 8" x 10' Fume Arm
G121	(2) 6" x 10' Fume Arms
G122	(1) Flexdraft attachment (Backdraft or Downdraft)
G123	(1) 8" x 14' Fume Arm
G124	(2) 6" x 14' Fume Arms
G125	(1) 8" x 10' Fume Arm & FlexDraft attachment
G126	(2) 6" x 10' Fume Arms & FlexDraft attachment



G120

G122

The FlexDraft attaches to the filter unit for either backdraft or downdraft use.



G121

G130

Capacity: 150 CFM Max, 110" W.G. Max
Motor: 2.3 HP (1700 Watts)
 Direct Drive, 1500+ hr. Duty
Voltage: Single phase, 120V, 60Hz
Filter: EX-10D12-A15



FEATURE

BENEFIT

Flex Hose	Source Capture
Handle	Easy to move
Industrial grade wheels	Increased durability / Easy to move
Magnetic Mounts	Strong hold to surface

Hose end attachments

FC-VB
(included with the G130)ST-VB
(optional)

SERIES 200

PLUG-N-PLAY WORKSTATIONS

These versatile workstations are easy to set up – just connect power, air and get to work! Ideal for stationary welding or light-duty grinding while keeping operators comfortable.

S210

Capacity: 1280 CFM @ 4"W.G.
Motor: 3/4 HP, Direct Drive
Voltage: Single Phase, 110V, 60Hz
Filter: EX-22D14-A15-C

FEATURE	BENEFIT
Pulse cleaning	Longer filter life
Large downdraft grate	Draws smoke away from welder
Large work surface	3' square work area at 36" height
Hinged Side Panels	Accommodates larger work pieces



S211

Capacity: 2560 CFM @ 4"W.G.
Motor: 1 1/2 HP, Direct Drive
Voltage: Single Phase, 110V, 60Hz
Filter: (2) EX-18D12-A15-C

FEATURE	BENEFIT
Pulse cleaning	Longer filter life
Large downdraft grate	Draws smoke away from welder
Large work surface	3' x 5' work area at 36" height
Hinged Side Panels	Accommodates larger work pieces



The S220 & S230 use powerful backdraft extraction to pull weld fumes up and away from the operator's breathing zone. They are ideal for weld schools, stationary welding and can also be used for light-duty grinding.



S220

Capacity: 2000 CFM @ 3.5" W.G.
Motor: 2 HP, Direct Drive
Voltage: 3 phase, 480V, 60Hz
Filter: EX-22D12-A15-C

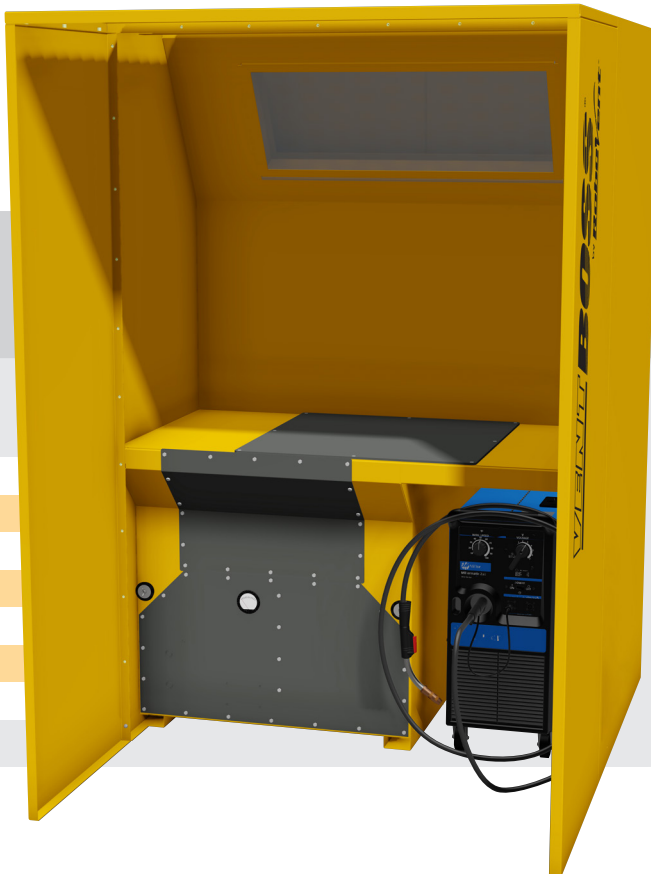
FEATURE	BENEFIT
Large work envelope	Easy to use with larger materials
Pulse cleaning	Longer filter life
BackDraft	Most effective capture method
Side panels	Arc flash protection
Curtain option	Additional arc flash protection
Large work surface	3' x 4' table at 36" height



S230

Capacity: 2000 CFM @ 3.5" W.G.
Motor: 2 HP, Direct Drive
Voltage: 3 phase, 480V, 60Hz
Filter: EX-22D14-A15-C

FEATURE	BENEFIT
Large work envelope	Easy to use with larger materials
Pulse cleaning	Longer filter life
Storage area	Easy access for welding power supply
Backdraft	Most effective capture method
Side panels	Arc flash protection
Curtain option	Additional arc flash protection
Large work surface	3' x 5" table at 36" height



SERIES 300

SPACE SAVERS

These units provide maximum extraction without sacrificing floorspace. Larger air-drawing capacity allows them to handle high-volume manual welding and light-duty robotic welding applications. Fume arm options and wall-mounting available.

S310

Capacity: 1500 CFM @ 4.5"W.G.

Motor: 2 HP, Direct Drive

Voltage: 3 Phase, 480V, 60Hz

Filter: EX-14D36-A15-SF

(ductwork required)

FEATURE

BENEFIT

Large air draw	Accommodates multiple configurations
Compact	Small footprint
Pulse cleaning	Longer filter life
Dust tray with baffle	Easy to clean and longer filter life
Fork pockets	Easy to relocate



S311

(1) 8"x10' Fume Arm

S312

(1) 8"x14' Fume Arm



This single fume arm model provides high-efficiency extraction for a single manual weld station.

S313

(2) 6"x10' Fume Arms

S314

(2) 6"x14' Fume Arms



Each unit is equipped with two fume arms to support two manual welding stations.

S315



(ductwork required)

No floor space? No problem! This unit mounts right to the wall and can be adapted for either manual welding or a single robotic welding cell.

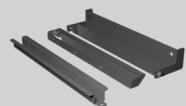
**S316**

(1) 8"x10' Fume Arm

S317

(1) 8"x14' Fume Arm

This wall-mounted single fume arm model provides extraction for manual welding.

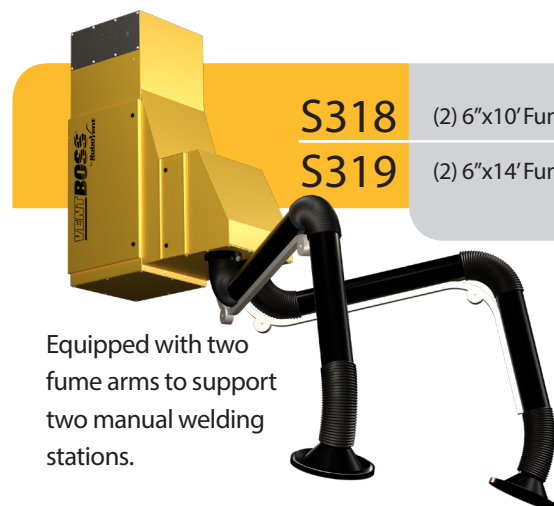


Wall Mount
Bracket for S300:

*Included with wall mount units
except the S350



S300 Series
Replacement Filter:
EX-14D36-A15-SF

**S318**

(2) 6"x10' Fume Arms

S319

(2) 6"x14' Fume Arms

Equipped with two
fume arms to support
two manual welding
stations.

S320

Floor Mount

S320**S321**

Wall Mount

S321

These units provide
high-efficiency
backdraft extraction
for manual welding
applications. Choose
from floor or wall-
mounted options.

**S350****Capacity:** 1500 CFM @ 4.5" W.G.**Motor:** 2 HP, Direct Drive**Voltage:** 3 Phase, 480V, 60Hz**Filter:** EX-14D36-A15-SF

Position this unit over a weld cell for high-efficiency fume extraction and filtration. Use the included curtains to create an instant individual manual welding cell or incorporate into a larger overhead canopy for light-duty robotic applications. An optional wall mount bracket is available (Part number: S350-WK-CP)

FEATURE**BENEFIT**

Built in hood (64" x 60")	Reduced installation costs
Hanging unit / wall mount	Requires zero floor space
Flash curtain	Arc flash protection
Pulse cleaning	Longer filter life
Dust tray with baffle	Easy to clean and longer filter life



Filters for VentBoss Units

EX-14D26-A15-SF	Square Flange 231ft ² Fire Retardant 80/20 Media	G120
EX-14D36-A15-SF	Square Flange 320ft ² Fire Retardant 80/20 Media	S300 Series
EX-18D16-A15	189ft ² Fire Retardant 80/20 Media	G110's
EX-18D12-A15-C	Closed End 142ft ² Fire Retardant 80/20 Media	S211
EX-22D12-A15-C	Closed End 201ft ² Fire Retardant 80/20 Media	S220
EX-22D14-A15-C	Closed End 234ft ² Fire Retardant 80/20 Media	S210/ S230
EX-10D12-A15-C	67ft ² Fire Retardant 80/20 Media	G130



EX-14D26-A15-SF



EX-14D36-A15-SF



EX-18D16-A15



EX-18D12-A15-C



EX-22D12-A15-C



EX-22D14-A15-C



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