

# FUMEVAC FV-500-20

## SPECIFICATIONS

Models:	20HP   460V   18A   60Hz 20HP   230V   36A 20HP   460V   18A
Max Flow:	500 CFM
Max Vacuum:	100" H <sub>2</sub> O
Filtration Area:	1st/MERV12: 450ft <sup>2</sup> , 99.9% @ 0.5 µm, 80/20 media 2nd/MERV16: 103 ft <sup>2</sup> , 99.9% @ 0.3 µm, Spunbond Media/PTFE
Noise @ 5':	80 dB
Weight:	2000lbs
Dimensions:	42.6" W x 72.7" H x 61.7" D



## THE EXTRACTION POWER FOR MULTIPLE STATIONS IN A COMPACT FOOTPRINT

The FumeVac FV-500-20 offers a lean solution for all your dust and fume extraction needs. It combines the functionalities of both traditional vacuum and rooftop dust collector units into a compact 2-in-1 floor level unit without the need for costly ducting of traditional systems. A few examples of the many uses of this system include extraction of welding fumes using source capture ErgoMax MIG guns, dust control from multiple grinding stations, and even the use of simple fume extraction nozzles.

With your needs in mind, the FV-500-20 was designed to be a stationary or semi-mobile vacuum system with enough power to handle extraction requirements of multiple work stations in a compact design. The noise reducing cabinet allows for installation adjacent to the work station. The FV-500-20 comes standard with two primary filter cartridges, a secondary filter cartridge (MERV-16), and an automatic filter cleaning system. The FV-500-20's exhaust vent's unique design also offers you the choice to evacuate or recirculate the filtered air as needed by simply connecting a 6" hose, duct, or the optional silencer.

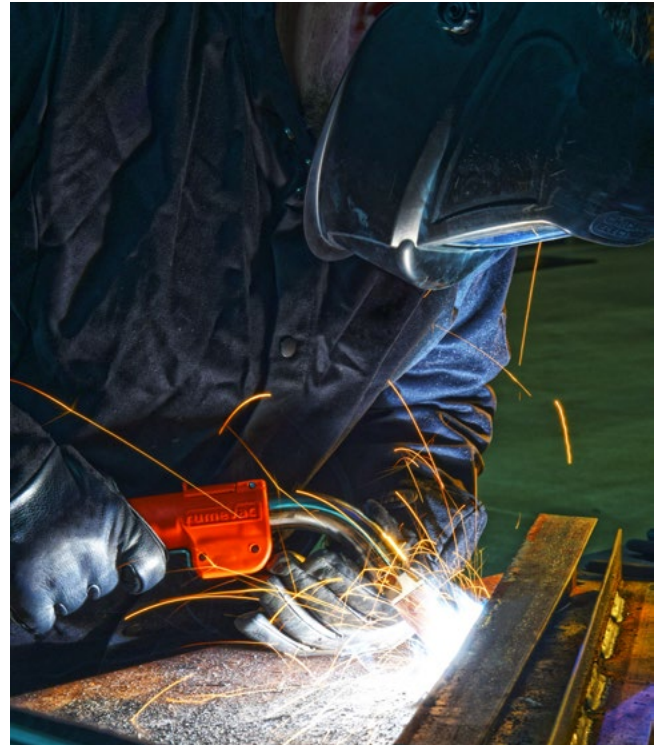


## FEATURES & BENEFITS

- Complete control panel optimizes the vacuum extraction and the automatic filter cleaning operation – includes hour meter, fault indicator light, on/off main switch, start/stop buttons, manual/auto filter cleaning switch, status light
- 450ft<sup>2</sup> of primary filtration area with an extra 103ft<sup>2</sup> of secondary MERV 16 filtering
- Operates 4 ErgoMax source capture MIG guns simultaneously, or up to 8 guns of intermittent operation with the FumeVac Auto-Valve option. Actual number of guns depends on weld operating factor
- Acoustic design offers low noise levels – 80dB @ 5ft
- Adjustable self-cleaning timer for light or heavy weld fume applications – compressed air pulse duration and frequency control
- Includes differential (primary and secondary) pressure gauges to monitor filter status
- Static pressure gauge (0-100"wc) standard
- Optional remote starting with weld current sensing (direct-connect or wireless)
- Adjustable shut-down timer
- Optional silencer/muffler for in-shop exhaust applications

## PARTS & ACCESSORIES

- 400A & 500A ErgoMax MIG guns
- ErgoMax MIG gun options for multiple wire feeder brands
- Hose options
  - Superflex or Heavy duty
- Replacement filters
  - Primary (80/20 media)
  - Secondary (Spunbond Poly MERV 16)
- Remote starting using weld current sensors
- Muffler/Silencer
- Floor mounting vibration dampers available for installation on building structures to prevent stray vibrations
- Central ducting systems available – consult Customer Service for design and quotation
- Extended warranty available
- Preventive maintenance options available



**CALL YOUR REPRESENTATIVE  
TODAY TO FIND THE RIGHT  
SYSTEM FOR YOU!**



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