

CONTROL YOUR FUTURE

FumeVac® By IVEC Systems, LLC

GENERAL SPECIFICATIONS

The FumeVac IVFE-500-20 offers a lean solution for all your dust and fume extraction needs by combining the functionalities of both traditional vacuum and rooftop dust collector units into a compact 2-in-1 floor level unit without the need for the costly ducting of traditional systems. A few examples of the many uses of this system include, extraction of welding fumes using vacuum assisted MIG guns, dust control from multiple grinders, and even extraction using nozzles. With your needs in mind, the IVFE-500-20 was designed to be a stationary or semi-mobile vacuum system with power to handle extraction requirements of multiple work stations with a compact layout, minimizing its footprint. The IVFE-500-20 comes standard with 2 filter cartridges and an automatic filter cleaning system. Should your cleaning needs require HEPA filtering, the sealed compartment is specifically designed to offer a secondary filtering layer by simply inserting our optional HEPA filter. The IVFE-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 or duct. The IVFE-500-20 was designed with operator comfort in mind, the noise reducing cabinet can be installed right by the workstation.

The stock model features: 2 stage filtration, 2 manometers indicating filter cartridge and vacuum pressure status, an automatic timed shut-down, an hour meter, an automatic filter cleaning system and 2 interchangeable inlet choices (4x 2" inlets or 1x 6" inlet). Optional features available such as: Casters for mobility, a HEPA filter (requires additional manometer cartridge status), and remote start. For additional options or custom requests, contact your local IVEC distributor.

MODELS	MAXIMUM FLOW RATE	MAXIMUM VACUUM	FILTRATION AREA 1st Stage / MERV12	FILTRATION AREA 2nd Stage / MERV16	NOISE @5'	DIMENSIONS	WEIGHT
IVFE-500-20 20HP 460V 18A 60Hz 20HP 230V 36A 20HP 460V 18A	500 cfm	100 "H ₂ O	450sqft {99.9% @ 0.5um} 80/20 Media	103sqft {99.9% @ 0.3um} Spunbond Media/ PTFE	80dB	62"X43"X76"	2000 lb

CONSTRUCTION

Acoustic design offers low noise levels with only 80dB @ 5'



450 ft² of filtration area with an optional extra 228ft² of HEPA filtering

Complete control panel optimizes the vacuum extraction and the automatic filter cleaning system



*Rendered model, final product may change.

ADVANTAGES

4 workstations simultaneously and up to 8 workstations with auto damper option



Cost efficient unit for small vacuum networks



Rugged design guaranteed 1 Year (minimal required maintenance)

