

### GENERAL SPECIFICATIONS

Specifically designed for the removal and filtration of welding fumes, grinding dusts and other particles, HV103 and HV105 are offered with a 14" (SS) or 26" (LL) filter cartridge. These models work with most vacuum assisted MIG guns and with different types of extraction nozzles. HV103 and HV105 outclass the category of portable fume extractors regarding available vacuum and cartridge filtration area. It's the perfect solution to capture pollutants efficiently for work requiring mobility without the need for a central system.

MODEL	MAXIMUM FLOW RATE	MAXIMUM VACUUM	FILTRATION AREA	FILTER EFFICIENCY	VOLTAGE (WALL PLUG)	AMPERAGE	POWER	FREQUENCY	NOISE @ 5'	DIMENSIONS	WEIGHT
HV103SS	140 cfm	-140 "H2O	120 ft <sup>2</sup>	99,9% @ 0.5 µm	120 V (5-20R)	14,5 A	2,3 hp	50/60 Hz	76dB	17" Ø x 31"	55 lb
HV103LL			225 ft <sup>2</sup>							17" Ø x 43"	65 lb
HV105SS	280 cfm	-140 "H2O	120 ft <sup>2</sup>	99,9% @ 0.5 µm	240 V (L14-20R)	14,5 A	4,6 hp	50/60 Hz	78 dB	17" Ø x 31"	60 lb
HV105LL			225 ft <sup>2</sup>							17" Ø x 43"	70 lb

### CONSTRUCTION



Highest performance motor for its category



Up to 225 ft<sup>2</sup> of filtration area



Portable and space-saving unit



### ADVANTAGES



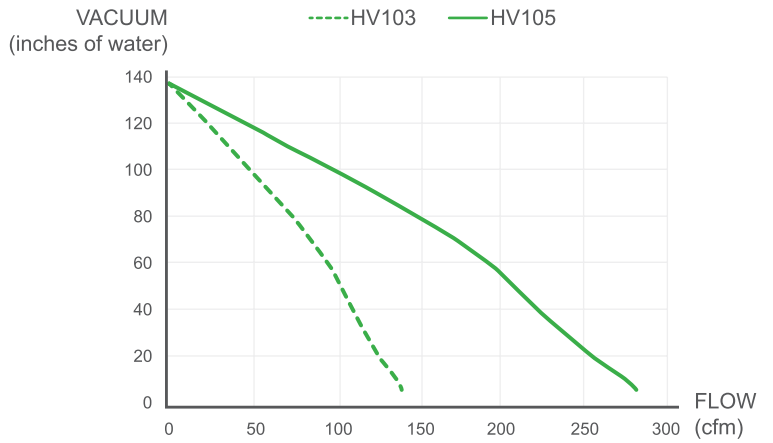
Unequaled vacuum capacity and high performance filter



Versatile cost-efficient solution



Rugged design guaranteed 1 year with minimal required maintenance



## OPTIONS AND ACCESSORIES

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| <ul style="list-style-type: none"> <li>1- <b>HV-HEPA-SC</b> : HEPA cartridge with 103/105 adapter -LL model only</li> <li>2- <b>HV-103-DD</b> : HV103 remote starter</li> <li>3- <b>HV-105-DD</b> : HV105 remote starter</li> <li>4- <b>HV-DDGE</b> : Remote start and stop control box from gas signal</li> <li>5- <b>AGM</b> : Vacuum assisted Mig gun<br/>From 400 to 600 A, multiple lengths available</li> </ul> | <ul style="list-style-type: none"> <li>6- <b>NCA-02</b> : Magnetic 3"Ø round extraction nozzle for 2"Ø hose</li> <li>7- <b>NCV-02</b> : Suction cup 3"Ø round extraction nozzle for 2"Ø hose</li> <li>8- <b>NUM-02</b> : Self-supporting 3"Ø extraction nozzle for 2"Ø hose</li> <li>9- <b>CM-XX-FLEX</b> : Grinder dust extraction hood with flexible hose<br/>Multiple diameters available</li> <li>10- <b>VSH-20-25</b> : 2"Ø x 25' super flexible grey hose<br/>Other models and dimensions available</li> </ul> |
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## SPARE PARTS

- 1- **VFL-14-CP-SP-JP-G** : Cell/polyester - 109 ft2 - SS model only
- 2- **VFL-26-CP-SP-JP-G** : Cell/polyester - 225 ft2 - LL model only
- 3- **HV-HEPA-L** : HEPA cartridge - LL model only
- 4- **HV-MOT-103/105** : Motor
- 5- **HV-DIS-103/105** : Panel-mount breaker
- 6- **HV-BRM-103/105** : Motor brushes (pair)

