HERO HS300 HEPA unit

Wholehouse filtration units
Product #: 463870

The HEPA Filtration system comes with two different mounting methods, depending on your choice of installation. The HS300 can be installed in a conditioned space such as a basement, closet or heated crawl space or because it is insulated it can also be installed in an unconditioned space such as a garage or attic. The HERO HS300 can be duct mounted or directly to any furnace/ air handler with a relay switch activating the unit on. Designed with a back plate that allows direct connection of the unit to air handler or furnace.

Features
- Built in motor
- 3 step filters
- Removable 5' cord and 3-prong plug

Optional Accessories:
- FTD7 (#49792) – 7 Day Digital Timer

Specifications
- Duct Size – 8" (203 mm) for round collar OR
  – (2) 3-3/4" x 16" (95mm x 406 mm) rectangular (flair system)
- Weight – 28 lbs (12.7 Kg)
- Voltage/ Phase – 120V / 1~
- Power rated – 180 W
- Amp – 1.5 amps
- Average Airflow – 280 cfm (132 L/s) @ 0 " Ps

Fan
One (1) factory-balanced fan with backward curved blades. Motor come with permanently lubricated, sealed ball bearings to guarantee long life and maintenance-free operation.

Filter
Pre-filter with Carbon – Captures large particles and will provide a longer life for your HEPA Filter and adsorbs and neutralizes tobacco smoke and cooking odors.

HEPA Filter – 99.97% effective down to 0.3 microns. Specially designed to be the least expensive HEPA filter to replace.

Serviceability
Maintenance latch gives access to the 2 filters when needed to be replaced.
Pre-filter/Carbon filter – Replace every three months
HEPA Filter – Can last 2 to 5 years depending on proper maintenance of pre-filter*
*Homes with a high level of pollutants (such as a heavy smoker) will need to change the filter more often.

Duct Connections
8" (203 mm) round collar
(2) 3-3/4" x 16" (95mm x 406 mm) rectangular (flair system)

Case
22 gauge galvanized pre-painted steel corrosion resistant

Insulation
Cabinet is fully insulated with 1/2" (12.5 mm) high density expanded polystyrene.

Warranty
7 year limited warranty on the motor, 5 year limited warranty on other components. Warranty does not cover filters.

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Dimensions
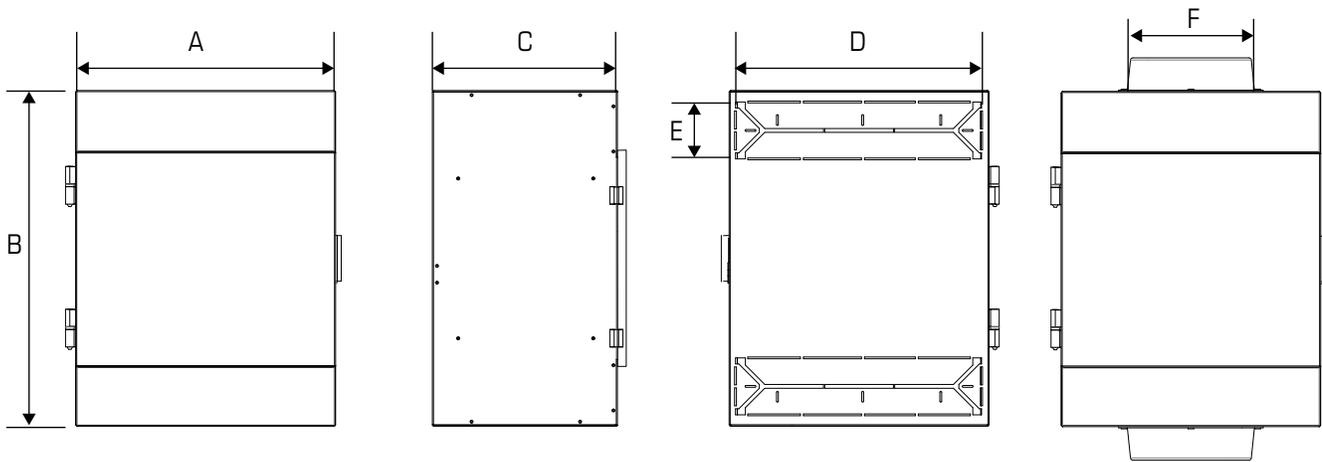
Model	A		B		C		D		E		F (Duct Size)	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
HERO HS300	17	431	22	557	12	307	16	406	3 $^3/_4$	95	8	201

Ventilation Performance

in. wg (Pa)	0.0 (0)	0.2 (50)	0.4 (100)	0.6 (150)	0.8 (200)	1.0 (250)
	cfm (L/s)	cfm (L/s)	cfm (L/s)	cfm (L/s)	cfm (L/s)	cfm (L/s)
High Speed	282 (133)	263 (124)	241 (114)	219 (103)	198 (93)	175 (83)
Medium Speed	208 (98)	182 (86)	158 (75)	131 (62)	108 (51)	80 (38)

Airflow (L/s)

1 — Medium Speed
2 — High Speed

Static Pressure (in H₂O)

Static Pressure (Pa)

Airflow (cfm)
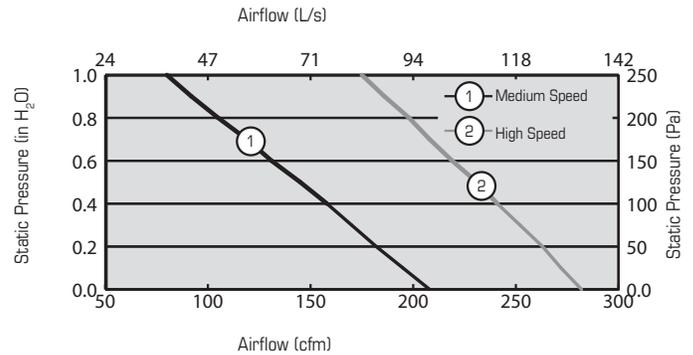
Installation examples

DUCTING FLAIR SYSTEM
(Hepa Mounted on Duct)

To living space

Return Air Plenum

Forced Air Heating /Cooling System
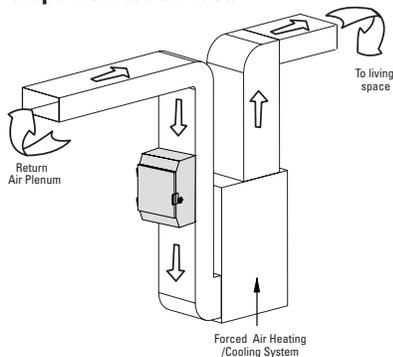
COLLAR MOUNT SYSTEM
(Hepa Mounted on Wall)

To living space

Return Air Plenum

Forced Air Heating /Cooling System
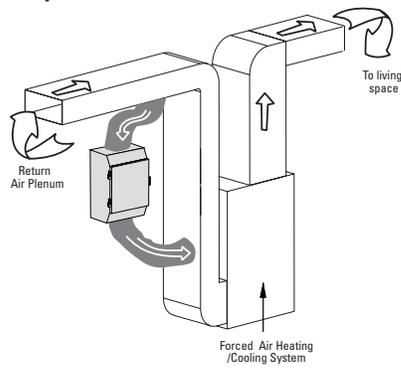
Contacts

Submitted by: Date:
Quantity: Model: Project #:
Comments:
Location:
Architect:
Engineer: Contractor:

Distributed by:

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