

InfiniClean Automatic Filter Cleaning Technology

Continuous Duty, Endless Performance.

Clogged filters directly impact vacuum performance and cause costly downtime, so Nilfisk CFM designed InfiniClean to continuously clean the filter during unattended, continuous-duty or extremely dusty applications. InfiniClean is a self-contained, automated filter purging system requiring no external compressed air supply, secondary power source or interference by the operator.

» Easy to Use – Set it and Let it Clean!

- Completely automated system, requires no user interaction to clean the filter
- No additional compressed air or power sources required, which reduces costs and improves portability

» Eliminate Downtime

- Vacuum runs continuously without shutting down for filter cleaning
- Keep workers on the floor, not maintaining vacuum filters

» Superior Performance

- Maintains peak vacuum performance as it cleans
- Processing equipment stays free from dust

Available on the following models:

- VHW320 IC
- VHW420 IC
- VHW440 IC
- VHT446 IC



VHW420 IC



VHT446 IC

For more information, visit www.NilfiskIndustrialVacuums.com.



InfiniClean at work

EXHAUST IS RE-ROUTED THROUGH
THE INFINICLEAN CHAMBER

SOLENOIDS AUTOMATICALLY
OPEN AND CLOSE SEQUENTIALLY TO
BLAST AIR THROUGH THE FILTERS

THE PRESSURE DIFFERENCE REVERSES
AIR FLOW THROUGH THE FILTER,
SENDING BUILT UP DUST DOWN
INTO THE COLLECTION CONTAINER



CARTRIDGE SHIELDS PROVIDE HIGH
FILTER CLEANING EFFICIENCY

CONICAL-SHAPED CARTRIDGES
ALLOW DUST TO FALL OFF EASILY

Ideal for continuous-duty and extremely dusty applications:



Pharmaceutical



Chemical



Cosmetic



Concrete, Stone, Marble
Surface Preparation



Food



Woodworking

Technical Features	VHW320 IC	VHW420 IC	VHW440 IC	VHT446 IC
Collection type	Dry	Dry	Dry	Dry
Voltage @ 60 Hz	220 / 460 V	220 / 460 V	220 / 460 V	220 / 460 V
Type of power	3-phase	3-phase	3-phase	3-phase
Power @ 60 Hz	2.75 HP (2050 W)	3.42 HP (2550 W)	6.17 HP (4600 W)	6.17 HP (4600 W)
Current, max.	8.8 / 4.4 amps	11.4 / 6 amps	15.6 / 9 amps	15.6 / 9 amps
Airflow, blower max.	150 CFM (4248 L/min)	222 CFM (6286 L/min)	294 CFM (8333 L/min)	294 CFM (8333 L/min)
Waterlift, controlled	88 in. H ₂ O (2235 mm H ₂ O)	76 in. H ₂ O (1930 mm H ₂ O)	92.3 in. H ₂ O (2344 mm H ₂ O)	92.3 in. H ₂ O (2344 mm H ₂ O)
Container Capacity	6.6 gal. (25 L)	12.2 gal. (46 L)	12.2 gal. (46 L)	26 gal. (100 L)
InfiniClean Filter Area, total for cartridges	16.15 ft. ² (1.5 m ²)	26.91 ft. ² (2.5 m ²)	26.91 ft. ² (2.5 m ²)	26.91 ft. ² (2.5 m ²)
HEPA Filter Area	11.84 ft. ² (1.1 m ²)	22.60 ft. ² (2.1 m ²)	22.60 ft. ² (2.1 m ²)	37.7 ft. ² (3.5 m ²)
HEPA Filter Efficiency	99.995% @ 0.18 microns	99.995% @ 0.18 microns	99.995% @ 0.18 microns	99.995% @ 0.18 microns
Machine Inlet Diameter	50 mm	70 mm	70 mm	70 mm
Dimensions (L x W x H)	28.9 in. x 17.3 in. x 53.9 in. (735 mm x 440 mm x 1370 mm)	38.2 in. x 21.3 in. x 61.4 in. (970 mm x 540 mm x 1560 mm)	38.2 in. x 21.3 in. x 61.4 in. (970 mm x 540 mm x 1560 mm)	44.5 in. x 23.6 in. x 60.2 in. (1130 mm x 600 mm x 1530 mm)
Weight, machine only	207 lb. (94 kg)	287 lb. (130 kg)	315 lb. (143 kg)	340 lb. (154 kg)
Cord Length	30 ft. (9 m)	30 ft. (9 m)	30 ft. (9 m)	30 ft. (9 m)
Sound Pressure Level @ 1.5 m	64 dB(A)	66 dB(A)	70 dB(A)	70 dB(A)

Specifications subject to change without notice. The data, characteristics, colors and illustrations are merely indicative and therefore not binding.