

## High Vacuum

# HVU High Vacuum unit

Geovent HVU High Vacuum Unit is a complete and integrated high vacuum system.

The unit is compact and has a high-performance integrated side channel blower, a control system, and a filter cyclone.

The unit is fixed to a steel frame, which makes it easy to move.

The unit and the frame are made of coated and galvanized steel plate, so that it is protected against corrosion. The device is intended for indoor installation and it is designed for easy maintenance.

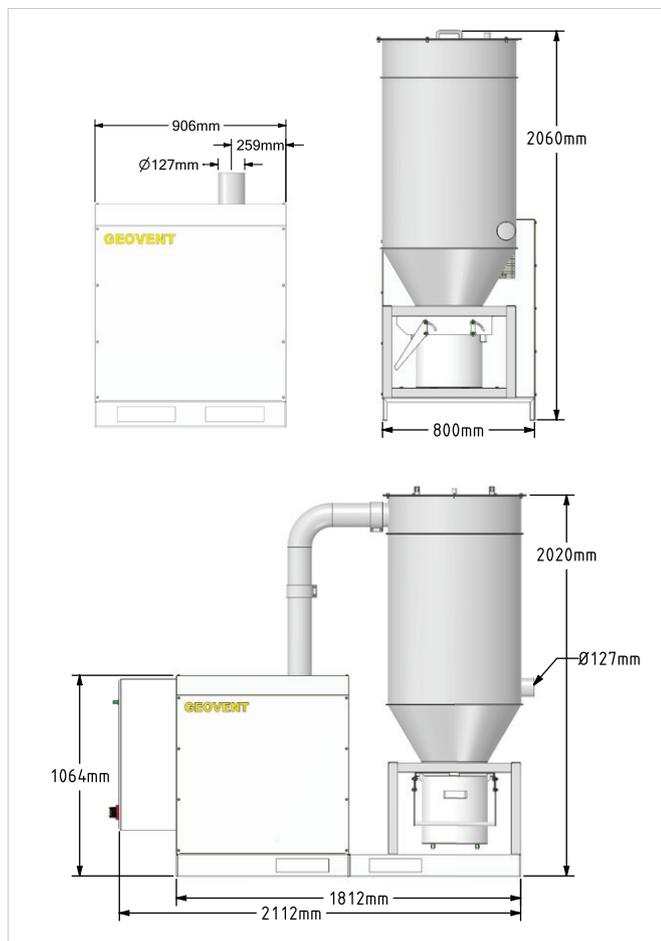


HVU

The unit can be used for a wide range of applications such as:

- Abrasive dust extraction from grinders and vibrating sanders.
- Metal chip extraction from milling, turning and sawing processes.
- Ordinary workplace cleaning.
- Cleaning and vacuuming.
- Extraction of dust and particles in connection with various production / cleaning processes, where dust particles etc. must be removed.
- Welding extraction, where the extraction is connected to the welding gun.

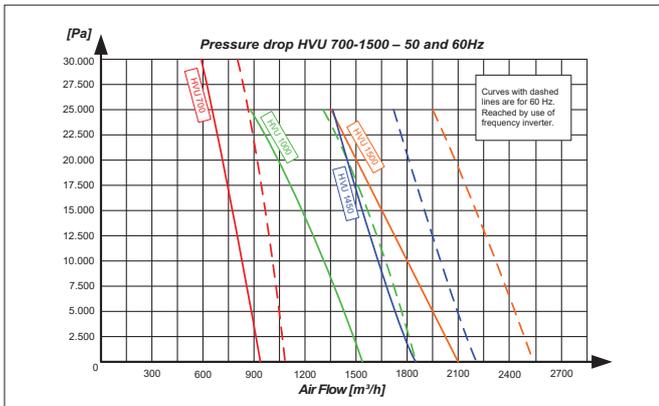
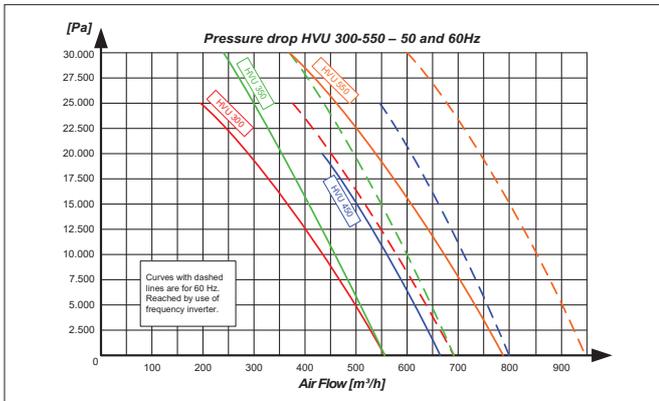
### Dimensions



### Ordering table

Art. No.	Description
03-400	HVU 300 Complete unit
03-401	HVU 350 Complete unit
03-402	HVU 450 Complete unit
03-403	HVU 550 Complete unit
03-404	HVU 700 Complete unit
03-259	Replacement cartridge $\varnothing 325$ for HVU and Filtercyklon unit. 12 m <sup>2</sup>
03-260	Replacement cartridge $\varnothing 225$ for HVU - 5 m <sup>2</sup>

Pressure drop



Example of a special design

Features

- Side channel blower manufactured in the EU and with ranges from 7 – 25 kW.
- The cyclone measuring  $\varnothing 700 \times 2060$  mm with a built in damper.
- Filter cartridge up to  $12\text{m}^2$ .
- Automatic compressed air cleaning.
- Inlet filters and vacuum fuse.
- A electronic control unit that ensures automatic start / stop and automatic cleaning of the filter cartridge.
- Possibility of using frequency inverter so that air flow is automatically adjusted according to the number of open outlets.

A wide range of accessories and complementary products are available, e.g. a police filter that protects the side channel blower from dust or one of our many emptying systems. The unit can also be delivered with a built-in compressor with regulator and with a soundproof cabinet.

Geovent HVU is available in special designs, so that the optimal solution is created according to the customer's needs.

**ATEX version of Geovent HVU is available**



Example of an emptying system