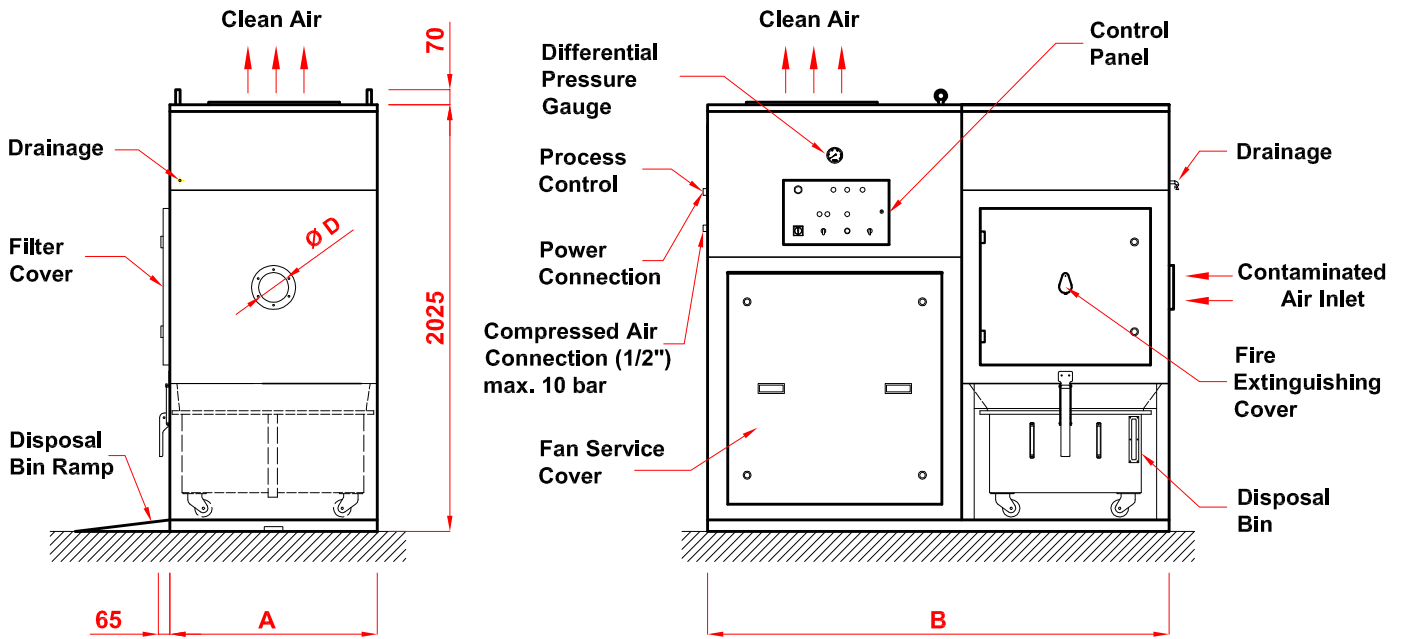


TECHNICAL SPECIFICATIONS



STANDARD SPECIFICATIONS

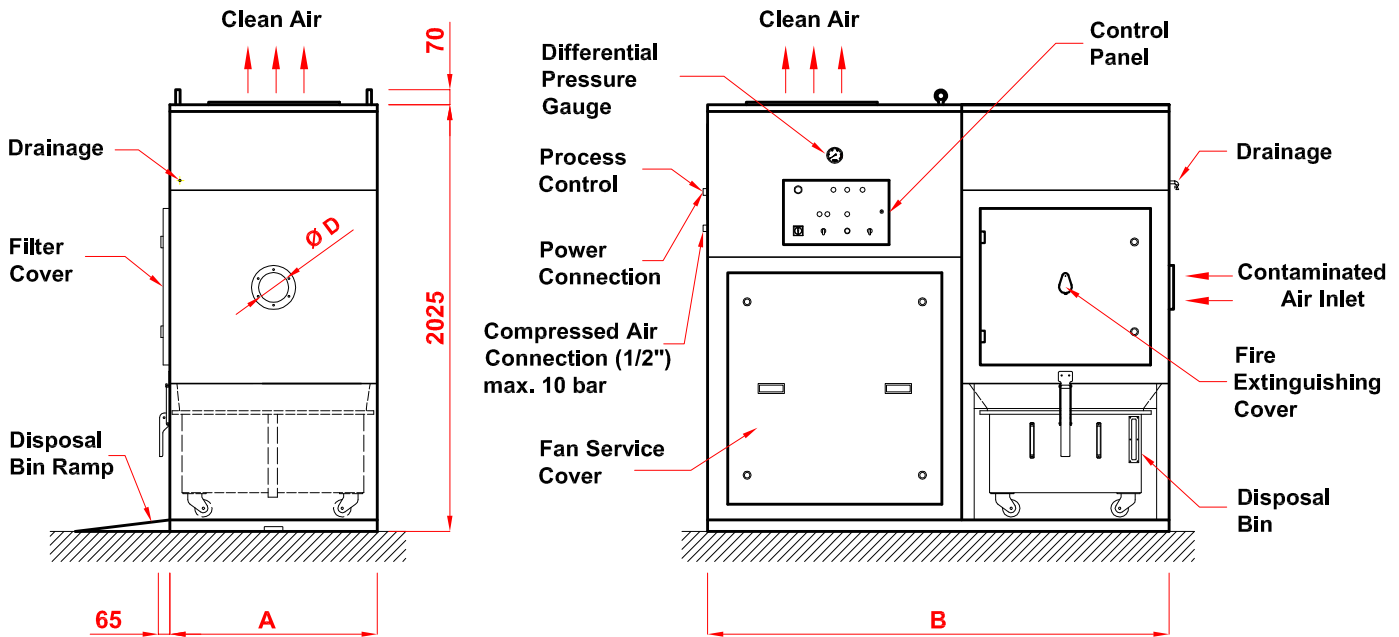
- HV-Series filter units are designed for high vacuum dust collection applications specifically in order to create sufficient air flow from one or more narrow air outlets (Dia. Ø30-70mm).
- Power Connection 380/400V ~ 3P N PE - 50 Hz.
- HV-Series filter units are ready to operate with their filters, fan and motor, integrated electrical control panel and automatic cleaning system.
- High efficient ventilators that have backcurved blades are directly coupled to motors. The impellers up to 18,5kW motor size are made of aluminium. The impellers that have motor sizes bigger than 22,0kW are made of steel.
- Cartridge filters made of polyester non-woven are standard on HV-Series filter units. They arrest 0.2 - 2 micron particles with %99.9 efficiency. Dust Class M acc. to EN 60335-2-69. Cartridge filters have a temperature resistance up to 80 °C.
- The filter unit is equipped with automatic jet-pulse cleaning. Cleaning pressure is 4-5 bar. Control panel and the differential pressure gauge that start-and-stop jet pulse cleaning automatically are standard on HV-Series filter units. Dust level indicator of filter elements and pressured-air regulator are also replaced inside the filter unit.
- Static and dynamic balanced impellers with silencers ensure low sound level. Sound level varies between 70-78 dB (A) according to filter unit type.
- Standard models of HV-Series filter units are produced to use inside (for indoor applications).

OPTIONS

- Frequency inverter for power saving.
- Teflon membrane(PTFE) coated cartridge filter.
- Aluminum coated cartridge filter for Antistatic applications.
- 220-480V ~ 60 Hz, Motor and Electrical Control Panel.
- Standard air inlet is placed at right handside. On request reverse side air inlet is possible.
- Flanged fitting for clean air-outlet to exhaust the clean air outside.
- Outdoor Application
 - Electrical control panel temperature control with automatic heating.
 - Additional water resistant cover for control panel.
 - Pre-painting preparation against corrosion with galvanize coating for steel parts.
 - UV and weather conditions resistant electrostatic polyester powder painting.

⊗ Ongoing product development may subject the technical specifications to alterations without notice.

TECHNICAL SPECIFICATIONS



TYPE	CAPACITY (m ³ /hour)	FAN PRESSURE (Pa)	MOTOR (kW)	FILTER COUNT	FILTER AREA (m ²)	DUST BIN (liter)	A (mm)	B (mm)	ØD (mm)	WEIGHT (kg.)
HV-1010	1000	10000	5,5	4	28	140	900	2100	160	570
HV-1015	1000	15000	11,0	4	28	140	900	2100	160	668
HV-1510	1500	10000	7,5	4	28	140	900	2100	160	576
HV-1515	1500	15000	15,0	4	28	140	900	2100	160	684
HV-2010	2000	10000	11,0	6	42	140	900	2100	200	654
HV-2015	2000	15000	18,5	6	42	140	900	2100	200	710
HV-2510	2500	10000	15,0	6	42	160	1000	2170	200	709
HV-2515	2500	15000	22,0	6	42	160	1000	2170	200	786
HV-3010	3000	10000	15,0	8	56	160	1000	2170	250	736
HV-3015	3000	15000	30,0	8	56	160	1000	2170	250	882
HV-3510	3500	10000	18,5	8	56	160	1000	2170	250	764
HV-3515	3500	15000	37,0	8	56	160	1000	2170	250	934

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