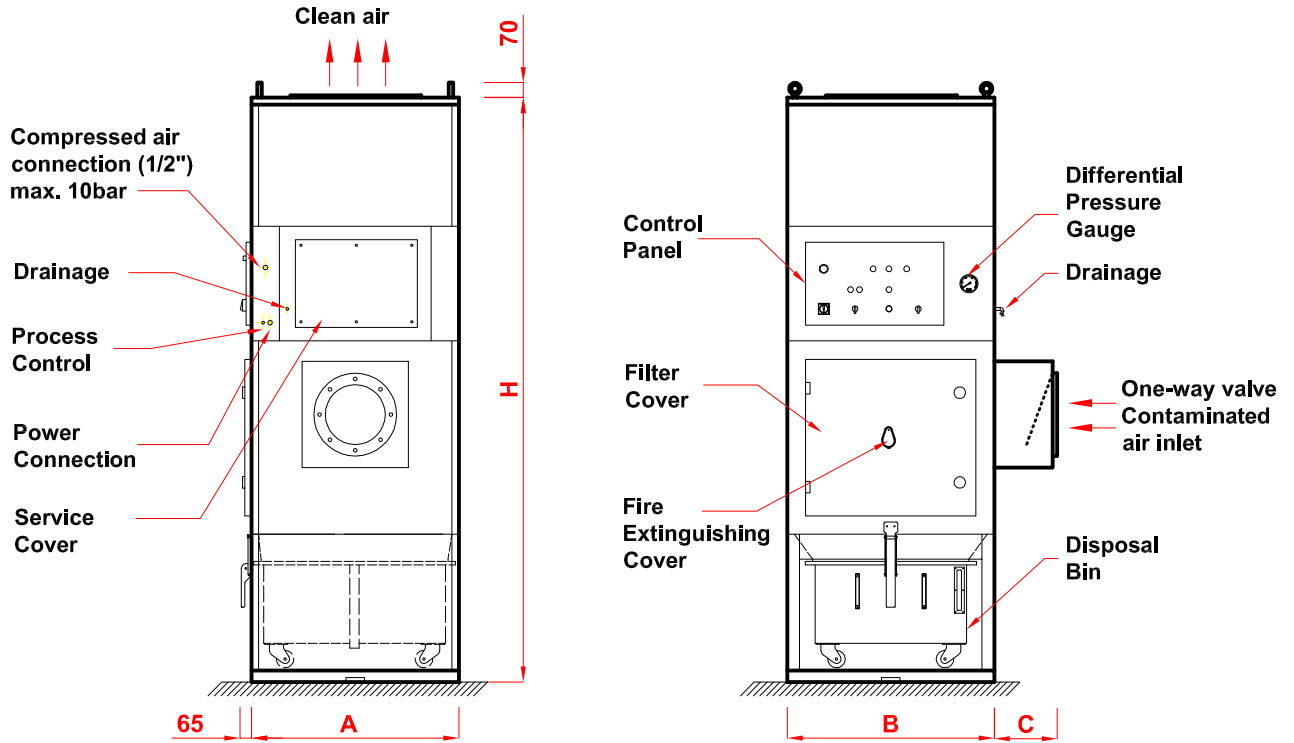


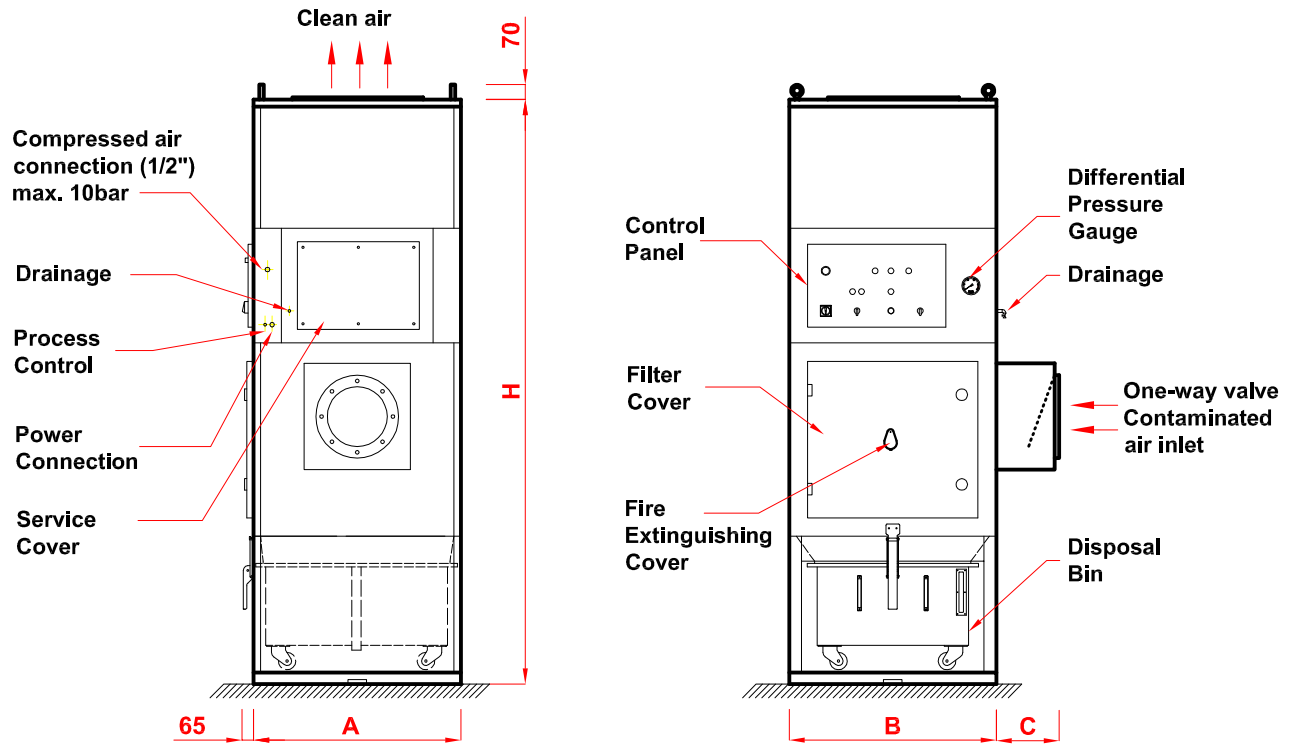
**TECHNICAL SPECIFICATIONS****STANDARD SPECIFICATIONS**

- ABW-Series filter units are designed specifically for woodworking dust collection applications with one-way valve contaminated air inlet.
- ABW-Series filter units are ready to operate with their filters, fan and motor, integrated electrical control panel and automatic cleaning system.
- One-way valve contaminated air inlet protects woodworking process and tubing system from low pressure explosions generated from wood dust.
- Power Connection 380/400V ~ 3P N PE - 50 Hz.
- High efficient ventilators that have backcurved blades are directly coupled to motors. The impellers are made of aluminum.
- Cartridge filters made of polyester non-woven are standard on ABW-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 ABW-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 67-77 dB (A) according to filter unit type.
- Standard models of ABW-Series filter units are produced to use inside (for indoor applications).

**OPTIONS**

- 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.
- Automatic fire detection and extinguishing system
- 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.

### TECHNICAL SPECIFICATIONS



TYPE	CAPACITY (m <sup>3</sup> /h)	FAN PRESSURE (Pa)	MOTOR (kW)	FILTER SURFACE (m <sup>2</sup> )	A x B (mm)	C (mm)	H (mm)	ØD (mm)	Disposal Bin (liter)	WEIGHT (kg.)		
										Net	Closed Box <sup>(1)</sup>	Pallet Nylon <sup>(2)</sup>
ABW - 42	1700 - 2800	2330	2,2	28	900 x 900	180	2540	200	1 x 180	392	144	34
ABW - 43	1700 - 2800	3200	3,0	28	900 x 900	180	2540	200	1 x 180	395	144	34
ABW - 44	1700 - 2800	4250	4,0	28	900 x 900	180	2540	200	1 x 180	405	144	34
ABW - 62	2520 - 4200	2140	3,0	42	900 x 900	220	2540	250	1 x 180	403	144	34
ABW - 63	2520 - 4200	2850	4,0	42	900 x 900	220	2540	250	1 x 180	413	144	34
ABW - 64	2520 - 4200	3900	5,5	42	900 x 900	220	2540	250	1 x 180	424	144	34
ABW - 65	2520 - 4200	5300	7,5	42	900 x 900	220	2540	250	1 x 180	435	144	34
ABW - 82	3360 - 5600	2140	4,0	56	900 x 1300	250	2614	280	2 x 140	524	165	42
ABW - 83	3360 - 5600	2930	5,5	56	900 x 1300	250	2614	280	2 x 140	535	165	42
ABW - 84	3360 - 5600	4000	7,5	56	900 x 1300	250	2614	280	2 x 140	539	165	42
ABW - 102	4200 - 7000	2350	5,5	70	900 x 1300	280	2614	315	2 x 140	546	165	42
ABW - 103	4200 - 7000	3200	7,5	70	900 x 1300	280	2614	315	2 x 140	551	165	42
ABW - 104	4200 - 7000	4700	11,0	70	900 x 1300	280	2790	315	2 x 140	618	165	42

\* Ongoing product development may subject the technical specifications to alteration without notice.

<sup>(1)</sup> Packing with closed box made of wood complying with ISPM 15 standards.

<sup>(2)</sup> Packing with nylon stretch over a pallet made of wood complying with ISPM 15 standards.