



103865-150C / 150P FPMXL-12-150

Filter unit: stationary modular filtration unit designed for extraction and purification of air from dry dust - especially in welding. Version: C - CORE, P - PRO

Construction:

- damping compartment with radial fan
- twelve filtering cartridges
- filter-regulator with pressure gauge
- welded steel construction, powder coated
- inlet module with metal prefilter
- six drawers for contaminants

Version CORE

- fan control VFD
- automatic filter cartridge cleaning system (timer)

Version PRO

- fan control VFD
- automatic filter cartridge cleaning system (timer/ ΔP)
- modbus TCP/IP for communication in industrial automation
- airflow rate control
- compressed air pressure control

Parameters:

- maximum airflow: 12000 m³/h
- sound pressure level at 1 m: 80 dB(A)*
- motor power: 15,0 kW
- number of phases / voltage: 3x400 V
- frequency: 50 Hz
- maximum motor speed: 2950 rpm
- total drawer capacity: 120 dm³
- maximum working temperature: 40 °C
- weight: 1240 kg

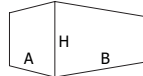
Filters:

1. Metal prefilter - 1 pc.
2. Cartridge filter - 12 pcs.

Notes:

Required compressed air supply: 6.0 ± 0.2 bar

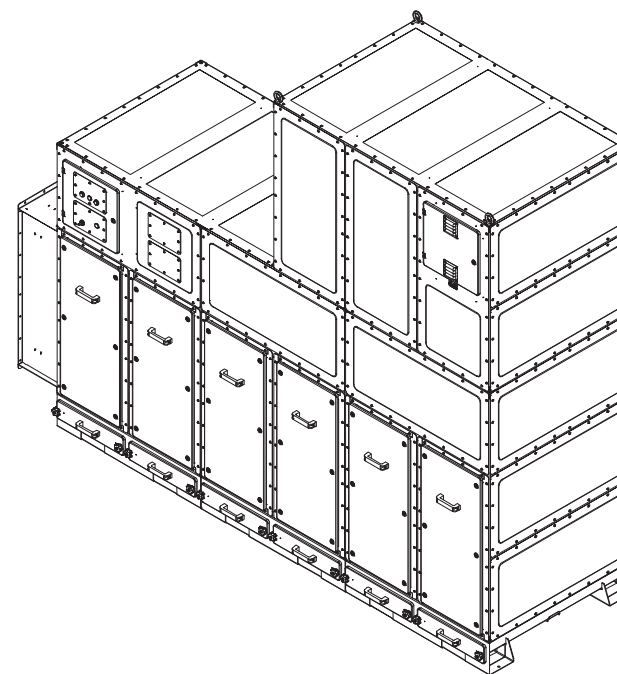
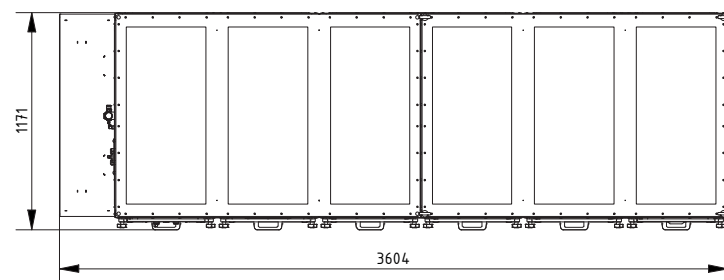
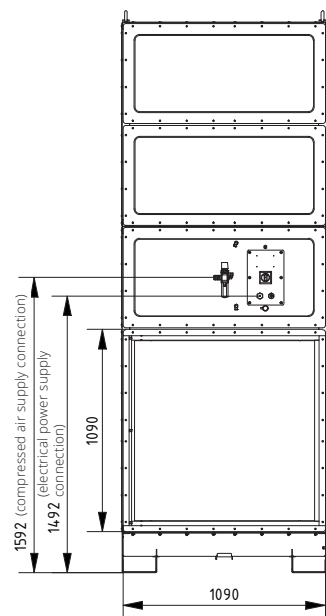
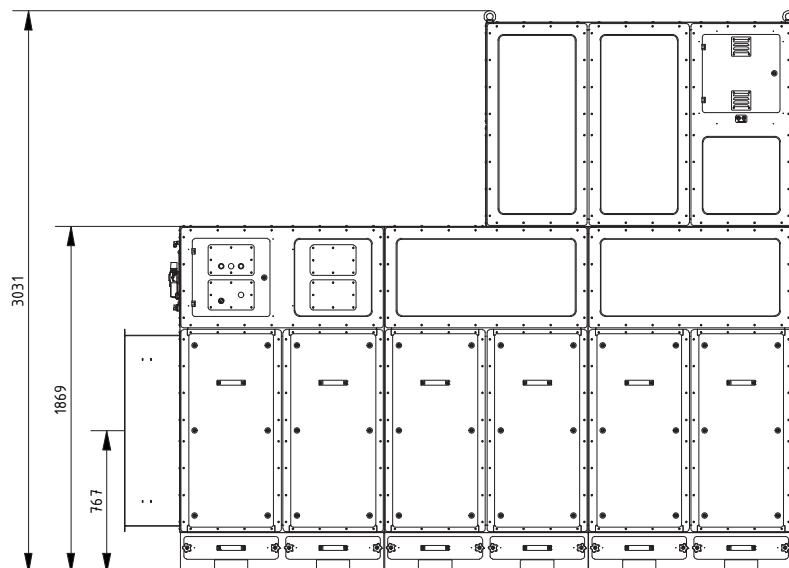
The method of packing and carton sizes:

2x		A =	3800;	1800
		B =	1200;	1200
		H =	2000;	1200
		Weight =	880 kg;	380 kg

All dimensions are in mm

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* level specified with ventilation system connected on the suction side and discharge side (may change depending on the state of clogging of the filter cartridges)