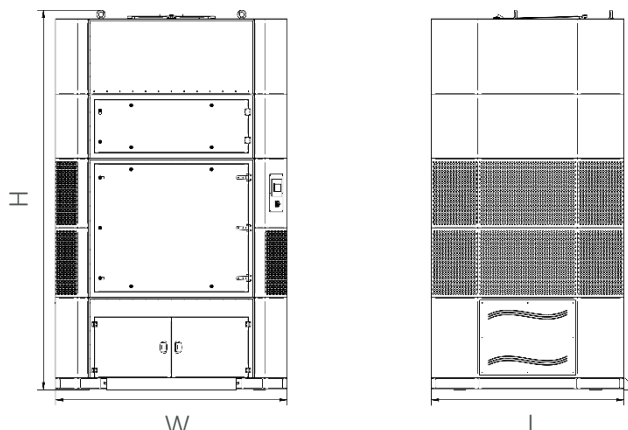


Filter towers

899160

## FILTOWER F-160



### Technical data (Technical data may vary)

Mains voltage	400 V	Main filter surface	157,5 m <sup>2</sup>
Nominal power	7,5 kW	Main filter quantity	9 pieces
Nominal current	10,8 A	Main filter material	Polyester
Mains frequency	50 Hz	Type of cleaning	Jet-Pulse
Circuit breaker	C 16 A	Dimensions (L x W x H)	1.800 x 2.250 x 3.500 mm
Intake opening (L x W)	1.100 x 370 mm	Weight	approx. 1.320 kg
Max. volume flow	12.000 m <sup>3</sup> /h	Compressed air consumption *	30 L/Impuls
Sound pressure level	72 LpA[dBA]	Compressed air quality	¼ inch
Volume dust collector	300 Litre	*at 4-6bar with valve opening time 0.12sec	

### Application range

- » Fume extraction of dry, oil-free welding fumes produced when welding metals
- » For area ventilation

### Special Features

- » Particularly long filter service life thanks to optimum ratio between air volume flow and filter surface, as well as highly effective filter cleaning
- » High suction power ensures optimum suction result at your collection point
- » Filter cleaning that is gentle on operating equipment due to the latest cleaning technologies, as well as intelligent cleaning control based on demand
- » High separation efficiency of the filter media used ensures compliance with the required standards/directives
- » Low operating noise is achieved for quiet (continuous) operation, thanks to the sound-insulated housing design and targeted air routing
- » Large-capacity detachable/mobile dust collector ensures quick and easy removal or disposal of the separated material and reduces the number of disposal cycles. This keeps maintenance costs and downtimes in the production process to a minimum
- » Particularly long service life thanks to robust steel design
- » Controllable fans in order to provide their individual operating point and to keep required operating costs to a minimum
- » Potential for ultrasonic cleaning of the permanent filter cartridges in order to return them almost to their new conditions, thereby saving resources and subsequent costs
- » Recirculation mode ensures that no heat is lost during cold times of the year and saves energy and electricity costs, including low CO<sup>2</sup> emissions
- » Cleanable and washable permanent filter cartridges enable low operating costs

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