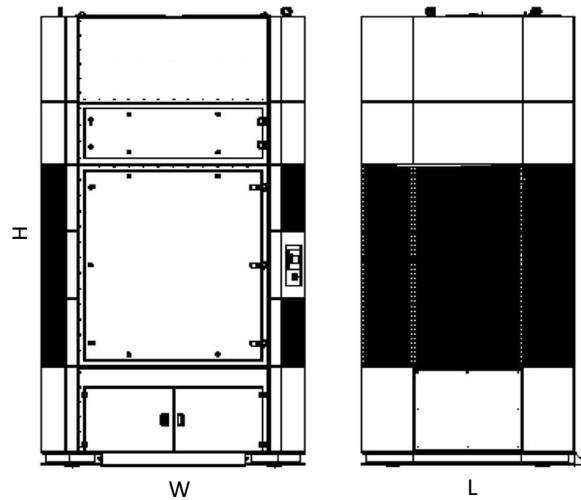


Filter towers

899160

FILTOWER F-160


Exemplary presentation


Technical data

Mains voltage	400 V	Filter surface	135 m ²
Nominal power	5,5 kW	Filter elements	9 pieces
Nominal current	10,8 A	Filter material	Polyester
Mains frequency	50 Hz	Cleaning type	Jet-Pulse
Circuit breaker	C 16 A	Weight	ca. 1.320 kg
Intake opening (L x W)	1.100 x 370 mm	Dimensions (L x W x H)	1.800 x 2.250 x 3.500 mm
Max. volume flow	14.000 m ³ /h	Compressed air consumption	30 L/impuls bei 0,12 sec
Sound pressure level	72 Lpa[dBA]	Compressed air connection	¼ inch
Collection volume	300 liter		

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 CO² emissions
- » Cleanable and washable permanent filter cartridges enable low operating costs

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