

MCP-GO SmartFilter

Compact plug and play welding fume extractor



MCP-GO SmartFilter

- ✓ Compact design with small footprint (less than 1m² (10ft²)) saves valuable space on the factory floor and allows great flexibility as to choice of placement.
- ✓ Robust industrial design. With cabinet made of 2 mm galvanized steel and heavy-duty industrial fan, the unit will deliver clean air for many years to come.
- ✓ Six high-capacity, patented cartridge filters with fire-retardant, Nanofiber media increase efficiency, reduce energy consumption and extend filter life. The cartridges are rated according to ISO 16890 ePM1 80% and ASHRAE 52.2 MERV 14.
- ✓ Simple and convenient installation and maintenance. Delivered as one or two pre-mounted and pre-wired components, and once installed, has single-side service access to all vital unit components.
- ✓ Multiple control options to adapt to customer needs. From basic filter cleaning controller and fan starter to advanced Insight Control with Variable Speed Drive (VFD).

MCP-GO SmartFilter is a compact cartridge dust collector, designed to reliably provide clean air in a variety of manufacturing environments where thermally generated fumes and dusts are generated - from manual, robot and cobot welding systems to plasma and laser cutting processes.

Building off Nederman's industry leading MCP SmartFilter technology, the MCP-GO offers a new, more convenient solution to protect people, production, and planet. It is a flexible and cost-effective alternative to complex centralized ducting installations.

Available in two sizes, it can serve applications with airflow demand up to 4.500 m³/h (2,650 cfm). Its versatility allows the use of up to 5 extraction arms, multiple automated welding stations, or a plasma/laser cutting table.

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Sertifikalar	CE
Kurulum	[Indoor]
Patlayıcı toz için ideal	False
Filtre temizlik metodu	[PulseJet]
Güç Volt (V)	400
Frekans(Hz)	50
Faz adedi	3
Filtre türü	[cartridge]
Filtre adedi	6

Models

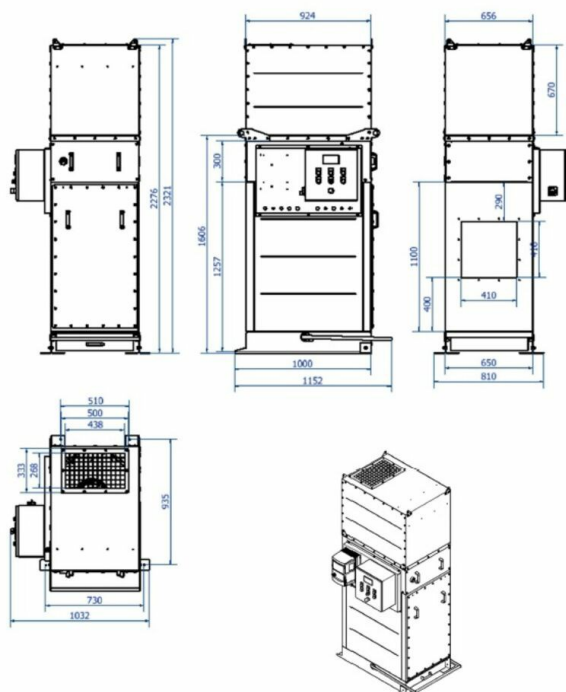
	Item number	Ağırlık (kg)	Güç (kW)
	73009310	284	4,0
	73009317	332	5,5
	73009365 ^[1]	340	5,5
	73009366 ^[1]	291	4,0
	73009417 ^[2]	315	4,0
	73009419 ^[3]	329	4,0
	73009418 ^[2]	363	5,5
	73009420 ^[3]	378	5,5

^[1] Includes inverter^[2] Includes Insight control panel^[3] Includes inverter with Insight control panel

Accessories

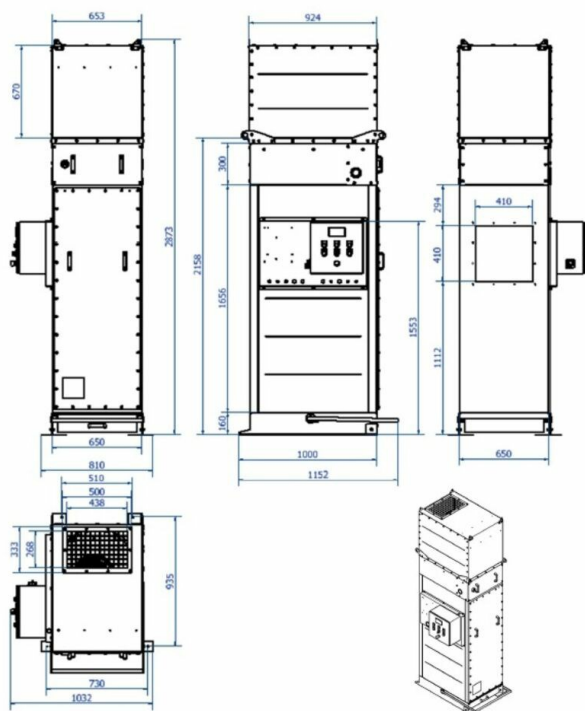
	Accessory	Item number
	Inlet transition 90deg, QF Ø315	7945586
	Inlet transition 90deg, QF Ø250	7945587
	Inlet straight QF Ø250	7945588
	Inlet straight QF Ø315	7945589
	Locking tool for SC cartridges	7943692
	Inlet transition 90deg, spiro/plain Ø315	7946011
	Inlet straight, spiro/plain Ø315	7946014
	Inlet transition 90deg, spiro/plain Ø250	7946012
	Inlet straight, spiro/plain Ø250	7946013
	Filtre regülatörü	55999315
	Silencer outlet Ø315	7946858
	Silencer outlet Ø400 Spiro	7946859

MCP-GO-2-6SL



Dimensions MCP-GO-2-6SL

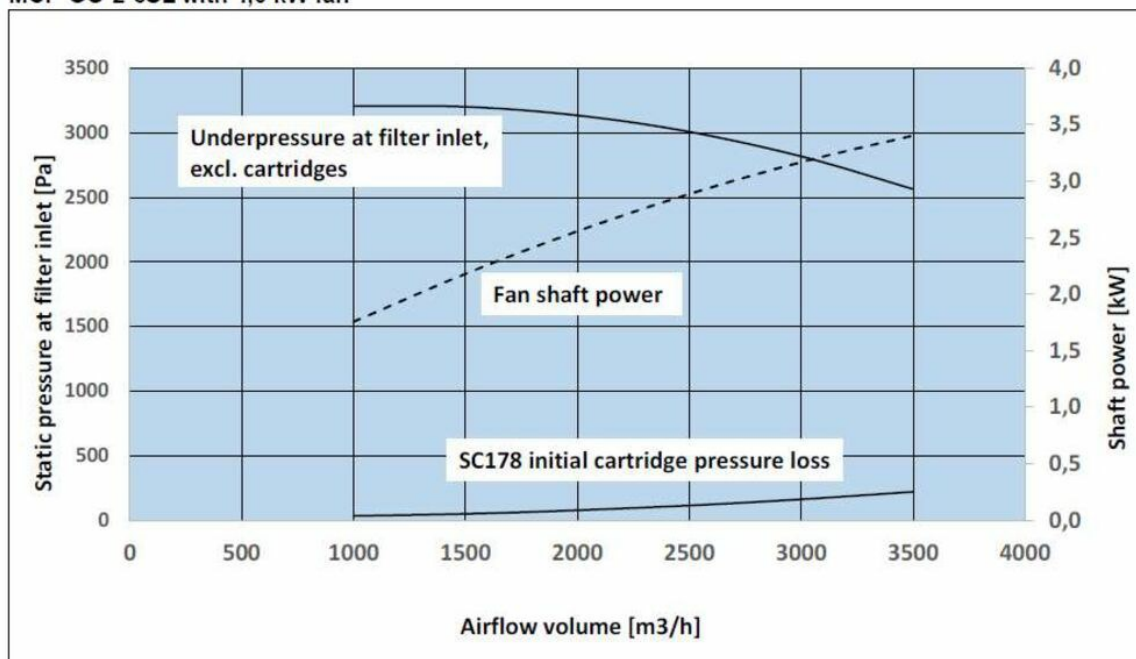
MCP-GO-2-6S



Dimensions MCP-GO-2-6S

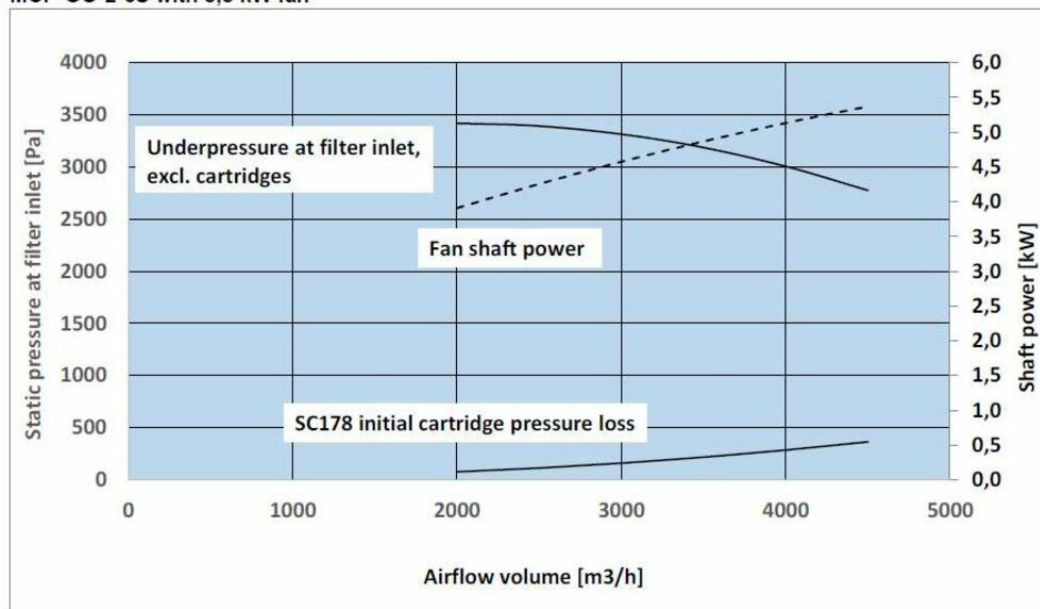
Fan pressure curves

MCP-GO-2-6SL with 4,0 kW fan



Fan curve MCP-GO-2-6SL with 4,0 kW fan

MCP-GO-2-6S with 5,5 kW fan



- MCP-GO-2-6S with 5,5kW fan, if not used with VFD, must have a manual damper installed on the duct prior to the filter
- The above charts (for both units) are with straight inlet (horizontal duct). Please allow 100-150 Pa (depending on airflow) pressure loss in case the 90° inlet elbow is used

Fan curve MCP-GO-2-6S with 5,5 kW fan