Product leaflet

# MCP-GO SmartFilter

Compact Plug and Play Welding Fume extractor

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# MCP-GO SmartFilter

- Two models designed to handle applications with nominal airflow demands of 2.800 CFM and 1.800 CFM, supporting up to five extraction arms, multiple automated welding stations, or a plasma/laser cutting table.
- Compact design with a footprint of less than 10 ft² (1 m²), saving valuable factory floor space and offering flexibility in placement.
- Constructed with a 0.08 in (2 mm) galvanized steel cabinet and a heavy-duty industrial fan for long-lasting, robust performance.
- Equipped with six high-capacity, patented cartridge filters with fire-retardant Nanofiber media, rated ASHRAE 52.2 MERV 14 and ISO 16890 ePM1 80%, increasing efficiency, reducing energy consumption, and extending filter life.
- Simple and convenient installation and maintenance with single-side service access, delivered as one or two pre-mounted, pre-wired components.

MCP-GO SmartFilter is a compact, plug-and-play cartridge dust collector designed to reliably provide clean air in a variety of manufacturing environments where thermally generated fumes and dust are produced. Ideal for manual, robotic, and cobot welding systems, as well as plasma and laser cutting processes, the MCP-GO offers a flexible and cost-effective alternative to complex centralized ducting systems. Built on Nederman's industry-leading MCP SmartFilter technology, the MCP-GO ensures convenience, efficiency, and long-term performance, helping to protect people, production, and the planet. Its compact design, durable construction, and advanced filtration make it a versatile solution for maintaining clean air on the factory floor.

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# MCP-GO SmartFilter

| | |
|---|---|
| Certifications | [ce] |
| Noise level (dB(A)) | < 75 (at 1m (3.28 ft.) from unit at 1,6 m (5.25 ft.) height |
| Compressed air consumption | 1.5 cfm (34,8 Nl)/cleaning puls, 15 cfm (417 Nl/min) |
| Installation | [Indoor] |
| Material | Galvanised sheet metal |
| [ProductSuitableForCombustableDust] | False |
| Filter cleaning method | [PulseJet] |
| Application | [dust] |
| Working pressure (psi) | 12-14 in.w.g. (3-3.5 kPa) |
| Dustbin volume (gal) | 17 gal. (65 lt.) |
| Filter Area (ft²) | MCP-GO-2-6S: 860 ft² (80 m²) MCP-GO-2-6SL: 540 ft² (50 m²) |
| Capacity (max airflow cfm) | 1.800-2.800 cfm (3.058-4.757 m3/h) |
| Operating Temperature | +40°F to 160°F (+5°C to 70 °C) |
| No of phases | 3 |
| Filter type | Cartridge |

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# Models

| | Item no | Power voltage (V) | Weight (lbs) | Power (Hp) |
|---|---|---|---|---|
| | 89106603[1] | 230 | 725 | 7.5 |
| | 89106604[1] | 460 | 725 | 7.5 |
| | 89106601[2] | 230 | 833 | 10 |
| | 89106602[2] | 460 | 833 | 10 |

[1] Nominal Airflow: 1,800 CFM
[2] Nominal Airflow: 2,800 CFM

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# Accessories

| | Accessory | Item no |
|---|---|---|
| | Locking tool for SC cartridges | 7943692 |
| | Filter regulator 1/2" | 55999315 |
| | MCP-GO 12" Inlet QF complete | 89106605 |
| | MCP-GO 10" Inlet QF complete | 89106606 |
| | MCP-GO 12" Inlet QF flat | 89106607 |
| | MCP-GO 10" Inlet QF flat | 89106608 |
| | Filter Cartridge SC178-132F | 5512713 |

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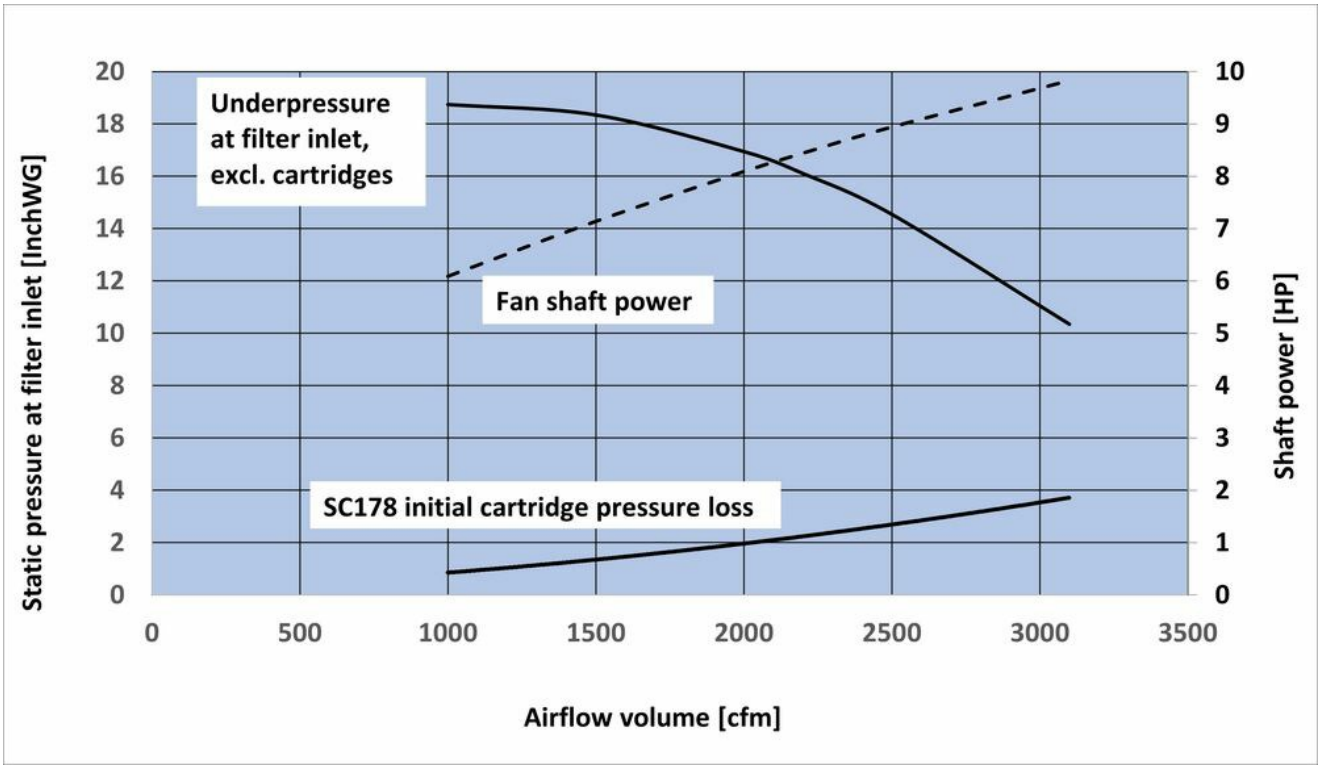


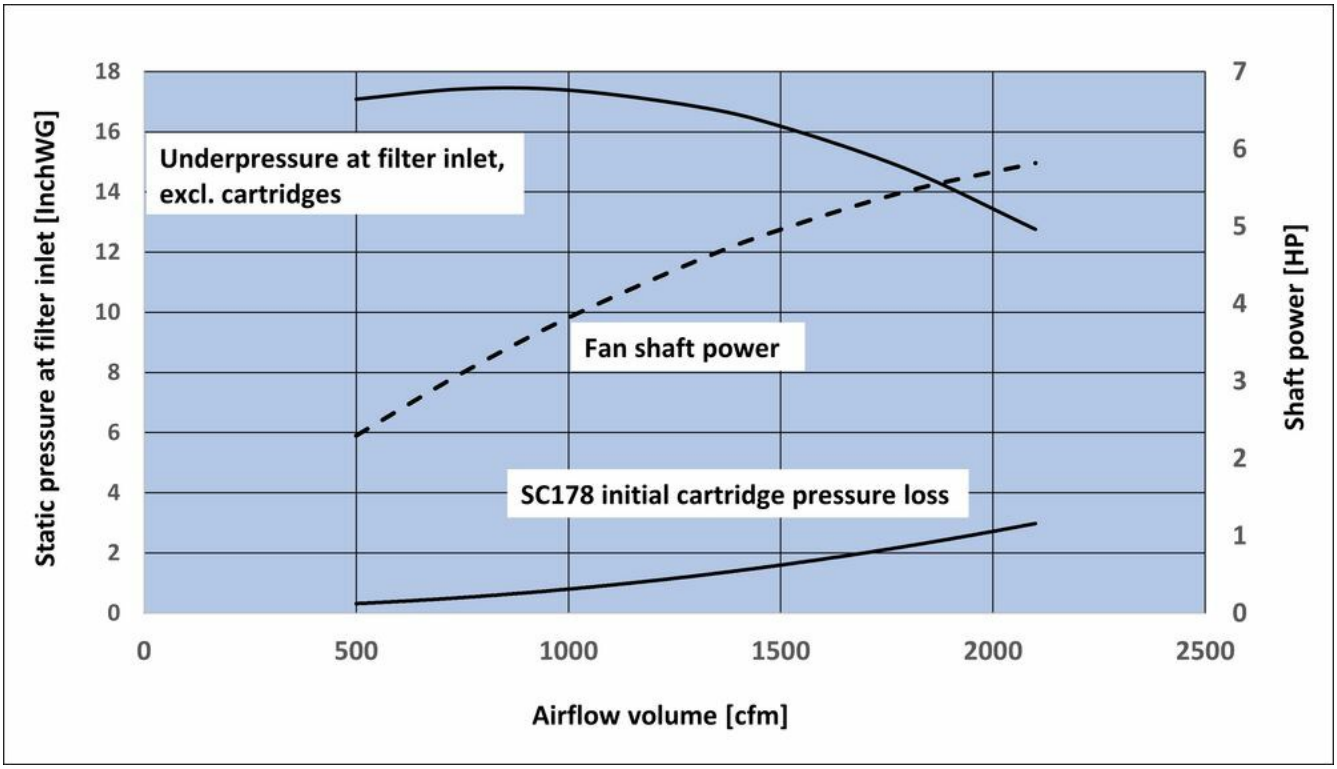


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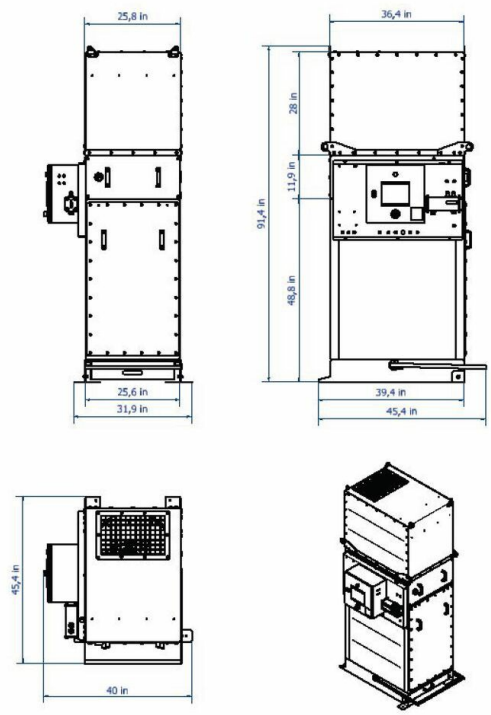
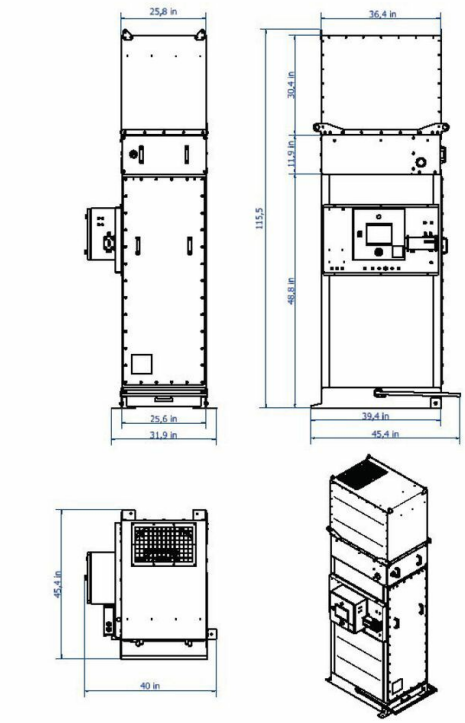
MCP-GO-2-6SL




MCP-GO-2-6S

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