

## POWERJET MINI

### COMPACT HIGH VACUUM WELDING FUME EXTRACTION

The PowerJet Mini is a compact and portable welding fume extractor for small welding applications. Extract fumes directly on-torch or with the optional nozzles.

The dust gets collected in the replaceable nanofibre filter, after which the air exits through the HEPA (H14) filter.

With the telescoping handle and its portable size, the PowerJet Mini is excellent to bring on-site or manouvre in small spaces.

*The PowerJet Mini, Basic, Ultra & Ultra Twin will be available in Q1-2026.*



### APPLICATIONS

The PowerJet Mini is intended to be used for the following applications:



- MIG-MAG/GMAW welding
- FCAW welding
- TIG welding
- Stick/MMAW welding

### SPECIFICATIONS

Applications	
Welding fume source capture	<ul style="list-style-type: none"><li>• On torch extraction</li><li>• Nozzle extraction</li></ul>
Advisory use	Light duty applications <750 kg MIG/MAG or <375 kg electrode
Torch compatibility	(Virtually) any industry standard torches
Physical properties	
Material <ul style="list-style-type: none"><li>• Housing</li></ul>	<ul style="list-style-type: none"><li>• Polypropylene</li></ul>
Color <ul style="list-style-type: none"><li>• Housing</li><li>• Filter</li></ul>	<ul style="list-style-type: none"><li>• RAL 9005 - Jet black</li><li>• RAL 1004 - Golden yellow</li></ul>
Dimensions (L×W×H)	50 × 47 × 73 cm (19.7 × 18.5 × 28.7 in.)
Power cable length	2.5 m (8 ft.)
Mobility	<ul style="list-style-type: none"><li>• Includes extendable telescopic handle, a briefcase handle, and large wheels for easy movement.</li><li>• An optional wall mount bracket is available</li></ul>
High-temp hose <ul style="list-style-type: none"><li>• Diameter</li><li>• Length</li></ul>	<ul style="list-style-type: none"><li>• ø 45 mm (1.8 in.)</li><li>• 2.5 m (8 ft.)</li></ul>
Performance	
Maximum vacuum	23.5 kPa (94" WG)
Maximum airflow	330 m³/h (194 cfm)
Motor type	Two high power vacuum motors rated for 1,200 hours of use
User Interface	
Motor controls	<ul style="list-style-type: none"><li>• Smooth stepless motor speed control</li><li>• Integrated flow check gives feedback to reach desired power level</li></ul>

Filter	
Size <ul style="list-style-type: none"><li>• Main Filter</li><li>• HEPA Filter</li></ul>	<ul style="list-style-type: none"><li>• 15 m²</li><li>• 1 m²</li></ul>
HyperClean filter cleaning	No
Filter material <ul style="list-style-type: none"><li>• Main Filter</li><li>• HEPA Filter</li></ul>	<ul style="list-style-type: none"><li>• Nanofibre E12</li><li>• Polypropylene H14</li></ul>
Dust collection	In filter

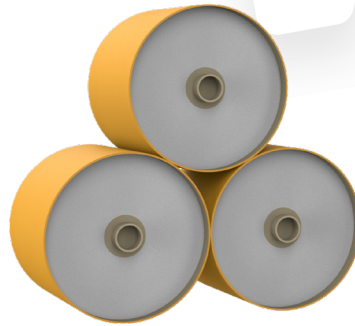


PowerJet Mini controls with LED status indicator



Telescoping handle for easy movement

■ Electrical data	
Power consumption	2.5 kW (EU/RoW) 1.4 kW (NA)
Available connection voltages	<ul style="list-style-type: none"> <li>1~ 230V (EU/RoW)</li> <li>1~ 120V (NA)</li> </ul>
Operating speed	50/60Hz
■ Ambient conditions	
Operating and storage conditions	5-45°C (41-113°F) Relative humidity max. 80%
Suitable for outdoor use	No
■ Accessories	
Small nozzle extractor	Art.no.
<ul style="list-style-type: none"> <li>EN-20 (Magnetic foot)</li> <li>EN-21 (Suction cup)</li> <li>EN-40 (Magnetic foot)</li> </ul>	<ul style="list-style-type: none"> <li>7900060020</li> <li>119522</li> <li>7900060010</li> </ul>
Automatic Start/Stop	Art.no.
<ul style="list-style-type: none"> <li>MCC-06</li> </ul>	<ul style="list-style-type: none"> <li>350080</li> </ul>
■ Order information	
Article no.	Please contact your Plymovent dealer
Number/package	1
■ Shipping data	
Country of origin	Thailand
Harmonized Tariff Code	84213925



### POWERJET SERIES COMPARED

Features		PowerJet Mini	PowerJet Basic	PowerJet Ultra	PowerJet Ultra Twin
Use	Welding applications	Occasional	Medium-duty	Medium to heavy-duty	Medium to heavy-duty
	Annual welding wire consumption				
Features & safety measures	Number of inlets	1	1	1	2
	ISO-Flow (ISO 5167 compliant)		✓	✓	✓
	ExactFlow			✓	✓
	HyperClean			✓	✓
	DustLock Technology			✓	✓
	Touch screen controls & info			✓	✓
	Mobile App (iOS & Android)			✓	✓
	AutoCheck		✓	✓	✓
	Dustbin			✓	✓
	Compressed air detection			✓	✓
ISO/HEPA	ISO 21904 compliant	✓	✓	✓	✓
	HEPA Filter	✓	✓	✓	✓

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Product

**PowerJet Mini**

Article no.

*Inquire Plymovent*

Product category

High vacuum source capture

Version

0

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