

# CarryVac 3

## Portable fume extractor



CarryVac 3 is a small, lightweight and portable fume extraction unit used to maintain a healthy work environment by extracting fumes directly at the source in light duty welding applications.

Designed to be carried to the working area, it can be connected to either a fume extraction welding torch or to the extraction nozzle to extract fumes.

Weld fumes are filtered and captured in a hygienically-packed filter that offers complete protection from particles keeping them isolated from welders even when performing a filter change.

### Welding Process

- Welding, GMAW (MIG/MAG)
- Welding, GTAW (TIG)
- Welding, PAW -Plasma Arc Welding
- Welding, SMAW/MMA (Stick)

- Nanofiber filter with extended dust holding capacity and 99% efficiency in capturing welding fumes, ensuring compliance with the W3 standard
- Manual and automatic start/stop function which increases the service life of each filter and of the unit itself
- Adjustable flow to adapt to different torches and hoods
- Automatic flow adjustment to maintain correct airflow and suction during operations
- Alarm notifications
- ISO 21904 compatible for industry standards compliance
- Suitable for fume extraction for light welding applications

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TM-200

PM-300

TM-80

Suction Nozzles

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| Specifications                                       |                                                                                                                                         |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Primary Voltage                                      | 110/230 VAC $\pm$ 15% , 1ph, 50/60 Hz                                                                                                   |
| Power                                                | 1250 W (110-120V)<br>1300 W (220-240V)                                                                                                  |
| Filter Surface                                       | 5.3 m <sup>2</sup> (17.4 ft <sup>2</sup> )                                                                                              |
| Noise Level (at 1m/3ft, 100% motor power, ISO 11201) | 79 dB(A)                                                                                                                                |
| Operating Temperature                                | 0 to +35 °C (+32 to +95 °F)                                                                                                             |
| Storage Temperature                                  | -20 to +60 °C (-4 to +140 °F)                                                                                                           |
| Extraction Capacity                                  | 180 m <sup>3</sup> /h (106 cfm)                                                                                                         |
| Extraction Capacity, 5 m Hose                        | 165 m <sup>3</sup> /h (97 cfm)                                                                                                          |
| Filter Efficiency                                    | >99 %                                                                                                                                   |
| Standards (Filter)                                   | (ISO 21904-2)<br>F9 (EN779)<br>MERV 14 (ASHRAE 52.2)                                                                                    |
| Standards (Unit)                                     | EN ISO 21904-1:2020, EN ISO 12100:2010, EN ISO 20607:2019<br>EN 61000-6-2:2019, EN 61000-6-4:2019<br>EN 61000-3-3:2013, EN 60204-1:2018 |
| Max. Vacuum (generated by the motor)                 | 25 kPa                                                                                                                                  |
| Max. Vacuum (at hose connection)                     | 18 kPa                                                                                                                                  |
| Hose Diameter                                        | 50 mm (2 in.)                                                                                                                           |
| Dimensions L x W x H                                 | 800 x 222 x 406 mm (31 x 8.7 x 15.9 in.)                                                                                                |
| Weight                                               | 14.8 kg (32.6 lbs)                                                                                                                      |

| Ordering Information                     |             |
|------------------------------------------|-------------|
| Description                              | Part Number |
| CarryVac 3 AST, 230V, EU                 | 0700003890  |
| CarryVac 3 AST, 110V, UK                 | 0700003891  |
| CarryVac 3 AST, 110V, US                 | 0700003892  |
| CarryVac 3 AST, 230V, EU Hose Connection | 0700003893  |

*Delivery includes: Fume extraction unit complete with hose superflex crushproof Ø50 2.5 m (8 ft), 2x hose connection M50 Ø50mm, sensor clamp, filter and instruction manual.*

| Wears & Spares |                                              |             |
|----------------|----------------------------------------------|-------------|
| No             | Description                                  | Part Number |
| 1              | Filter nano disposable                       | 0700003903  |
| 2              | Motor 1250W 110V                             | 0700003904  |
| 3              | Motor 1300W 230V                             | 0700003905  |
| 4              | Sensor clamp                                 | 0700003091  |
| 5              | Kit motor gaskets                            | 0700003906  |
| 6              | Control unit                                 | 0700003907  |
| 7              | Hose superflex crushproof Ø50mm 2.5 m (8 ft) | 0700003908  |
| 8              | Hose connection M50 Ø50mm                    | 0700003909  |
| 9              | Pre-separator                                | 0700003910  |
| 10             | Motor cover w.overlay                        | 0700003911  |

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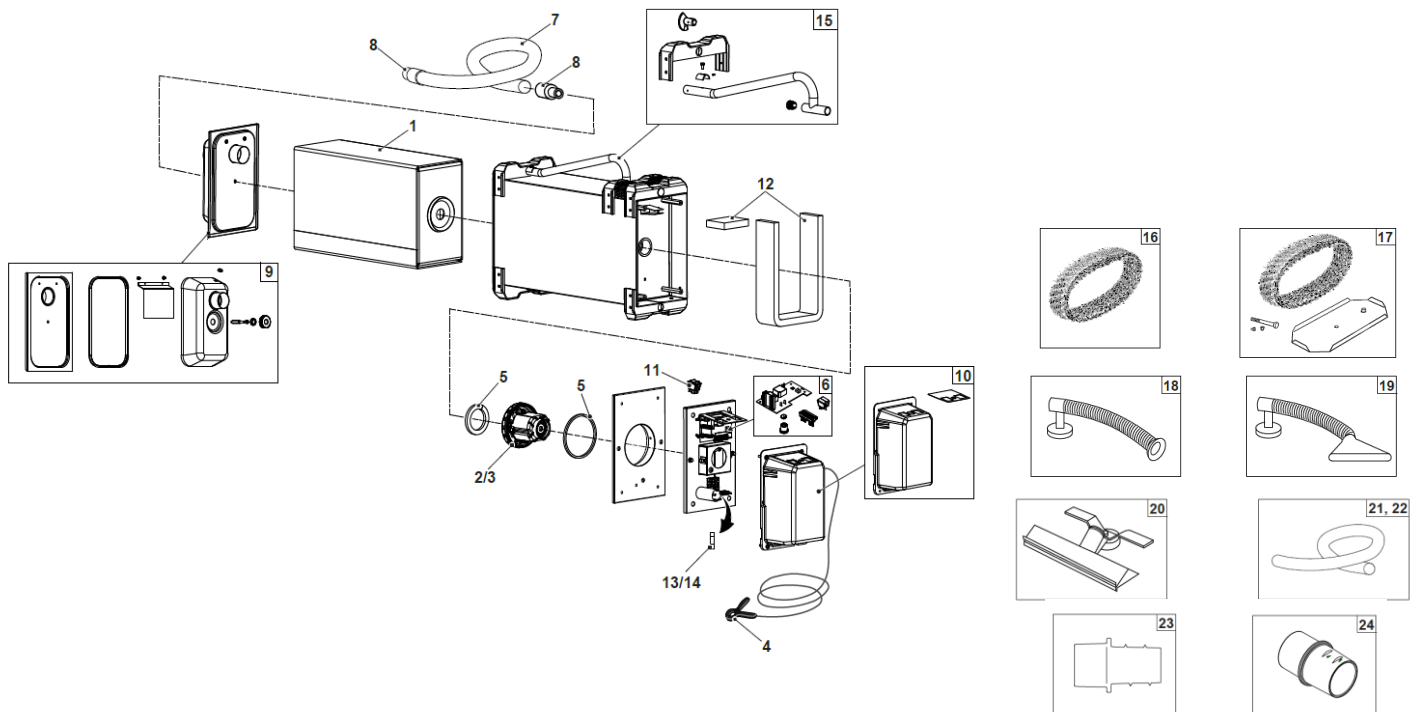
## Wears & Spares, cont.

| No | Description                   | Part Number |
|----|-------------------------------|-------------|
| 11 | Switch 3-pos.                 | 0464663106  |
| 12 | Kit sound sealing             | 0700003912  |
| 13 | Fuse 5x20mm 6,3AT (10 pieces) | 0700003913  |
| 14 | Fuse 5x20mm 12AT (10 pieces)  | 0700003914  |
| 15 | Handle kit                    | 0464663078  |

## Options & Accessories

| No | Description                        | Part Number |
|----|------------------------------------|-------------|
| 16 | Spark arrestor                     | 0700003014  |
| 17 | Spark arrestor kit*                | 0468455002  |
| 18 | Suction nozzle TM-80, 80 mm round  | 0700003221  |
| 19 | Suction nozzle TM-200, 200 mm wide | 0700003222  |
| 20 | Suction nozzle PM-300, 300 mm wide | 0700003223  |
| 21 | Hose superflex crushproof Ø50 5 m  | 0700003917  |
| 22 | Hose superflex crushproof Ø50 15 m | 0700003918  |
| 23 | Fume torch adaptor                 | 0464663043  |

\* complete



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