

Lasting Connections

BÖHLER AIR PAPR-SYSTEM SPECIFICATION



BÖHLER AIR SPECIFICATION

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| Product name | Böhler Air (including comfort belt, multi-plug charger, battery, P R SL filters, flow indicator) |
| Product description | Powered air purifying respirator (PAPR), battery powered |
| Filters | Particle filters (P R SL) - EN 12941 protection class TH3 Gas filters (A1B1E1) in combination with flip-up welding helmet (Guardian ^{50FM} / ^{62F} Air) |
| Operating time | up to 14 hours for the heavy-duty battery with 6 cells (7.800 mAh) (new P R SL filters, fully charged heavy duty battery and lowest air flow) |
| Flow rate (P R SL Filter) | 180 - 240 l/min - adjustable at 6 levels |
| Warning system (alarm) | Visual, audible and vibrating warning for low airflow and/or low battery charge |
| Flow control system | Maintains level of airflow constant regardless filter clogging or battery charge |
| Motor | High quality ball-bearing brushless motor |
| Battery | Exchangeable Li-Ion 7.4 V / 7.800 mAh Charging time: 8 - 9 hours |
| Battery charger | Microprocessor controlled, fully automatic input: 100 - 240 V (50/60 Hz) Output: 8.4 V Plug: EURO, UK, US and AUS |
| Belt | Comfort padded belt Waist size: up to 1300 mm |
| Weight | 1.120 g (including heavy-duty battery) 893 g (including heavy-duty battery, without filter and filter cover) |
| Dimensions | 232 mm / 186 mm / 100 mm |
| Materials | Unit: PC / ABS Belt: textile part - polyester / EVA / PC ; plastic part - POM / polyformaldehyde |
| Noisiness | < 70 dB |
| Storage conditions | - 10 °C to + 55 °C, humidity 20 - 80 % RH |
| Operating conditions | + 10 °C to + 40 °C, humidity 20 - 80 % RH |

Spare Parts

| Art.No. | Description |
|---------|---|
| 77004 | Böhler Guardian ⁶² Air complete |
| 77006 | Böhler Guardian ^{62F} Air complete |
| 57007 | Guardian ⁶² Air |
| 57029 | Guardian ^{62F} Air |
| 77008 | Böhler Air (Complete Blower Kit w/o helmet) |
| 77011 | Motor unit - Böhler Air |
| 57065 | Flexible air hose |
| 86660 | Standard battery (5.200 mAh) |
| 57075 | Heavy-duty battery (7.800 mAh) |
| 57081 | Universal charger |
| 57082 | Filter cover (2 pieces) |
| 57089 | Spark guard (2 pieces) |
| 57097 | Pre-filter (20 pieces) |

| Art.No. | Description |
|---------|-------------------------------------|
| 57099 | Pre-filter (40 pieces) |
| 75094 | Odour-pre-filter (6 pieces) |
| 57106 | Particle filter P R SL (4 pieces) |
| 57120 | Particle filter P R SL (16 pieces) |
| 57127 | Gas filter A1B1E1 P R SL (2 pieces) |
| 57144 | Comfort belt |
| 75685 | Leather comfort belt |
| 64255 | Comfort belt extension +26,5 cm |
| 57146 | Shoulder harness |
| 57182 | Helmet face-seal |
| 57184 | Airflow tester |
| 57186 | Böhler bag (blue) |
| 86702 | Böhler bag (black) |