



Lasting Connections

BÖHLER AIR PAPR-SYSTEM SPECIFICATION



BÖHLER AIR SPECIFICATION

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) or gas filters (A1B1E1)
Standards	EN 12941 protection class TH3
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	180 lpm to 230 lpm
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 Battery lifespan: after 500 charging cycles , the capacitance will decrease to 80 % of the original 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
56997	Böhler Guardian62 Air complete
57003	Böhler Guardian62F Air complete
57007	Böhler Guardian62 Air
57029	Böhler Guardian62F Air
57037	Böhler Air (complete Blower Kit)
57044	motor unit
57065	flexible air hose
57075	heavy-duty battery (7.800 mAh)
57081	universal charger
57082	filter cover (2 pieces)
57089	spark guard (2 pieces)

Art.No.	Description
57097	pre-filter (20 pieces)
57099	pre-filter (40 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
57146	shoulder harness
57182	helmet face-seal
57184	airflow tester
57186	Böhler bag