

3M™ Adflo™ Powered Air Purifying Respirator

To optimize the effective lifespan of your welding equipment and avoid the additional cost of replacement, regular maintenance is important. Replace all damaged parts immediately to help ensure intended degree of protection.

Before use

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PAPR Assembly: visually inspect the entire PAPR assembly including the motor/blower, cover, filter/cartridge (including gaskets), breathing tube, battery pack, belt and headgear. Replace any missing or damaged parts only with 3M™ Adflo™ PAPR Replacement Parts before proceeding.
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PAPR HE Filter: replace when particle filter indicator becomes red or if filter is damaged. Otherwise, replace whenever the battery operating time becomes too short, or when “fully loaded” filter triggers low airflow alarm.
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PAPR Spark arrestor: replace if deformed and no longer fitting well.
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PAPR Pre-filter: regular replacement of the pre-filter extends the life of the particle filter while also increasing the battery run-time.
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PAPR OV/AG Cartridge: immediately replace the cartridge according to the established cartridge change out schedule or any time you can smell odours while wearing the PAPR.
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Nuisance odour pad: replace if smell or taste is detected.
- ❼

Battery Pack: confirm that the battery pack is fully charged and charge is sufficient for duration of the work period. The battery pack must be securely latched to the motor/blower.
- ❽

Air flow check: insert the air flow indicator vertically into the blower outlet. Ensure that the bottom of the floating ball rests at or above, the minimum flow mark. If not ensure battery is adequately charged and/or replace pre-filter, spark arrestor and HE filter.
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Low-flow alarm test: check the low airflow/high particle load alarm by simulating a low airflow condition by covering the outlet with your hand.

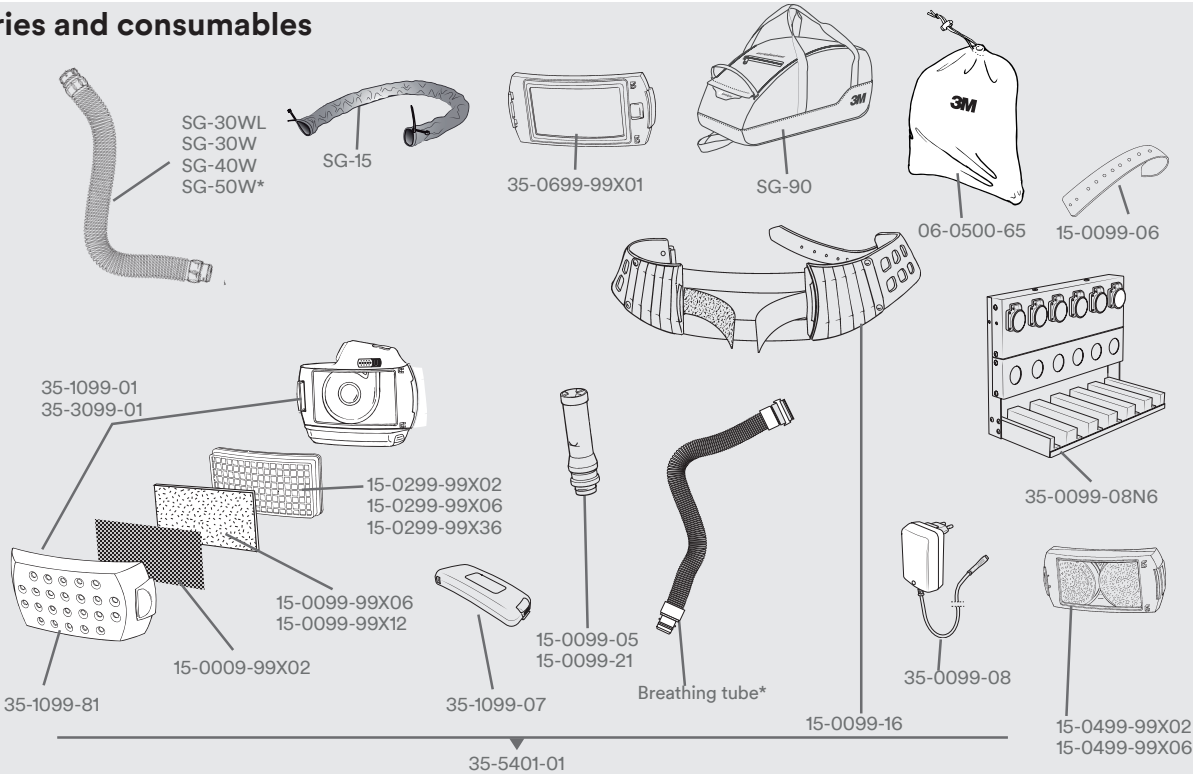
After use

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Motor/blower and battery pack: clean the outer surfaces pack with a soft cloth dampened in a solution of water and mild, pH neutral detergent. Do not immerse the motor/blower or battery pack in water. Do not use solvents or abrasive cleaners. Do not attempt to clean the interior of the motor/blower with compressed air or vacuum.
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The HE Filter and pre-filters cannot be cleaned. dispose as required. The spark arrestor can be cleaned.

Accessories and consumables



Part No	Description	Part No	Description	Part No	Description
L-199SG	High temperature breathing tube cover.	15-0099-06	Leather belt front replacement.	35-0799-99X01	Nuisance odour pad (not shown).
SG-15	Flame resistant breathing tube cover.	15-0099-16	Belt, leather.	35-0799-99X10	Nuisance odour pad, 10 EA/ Case (not shown).
SG-30W	Breathing tube, self-adjusting, with QRS connection.	15-0099-21	Flow Indicator.	35-1099-07	Battery, Lithium Ion.
SG-30WL	Breathing Tube, self-adjusting, extended.	15-0099-99X06	Prefilter, 6/case.	35-1099-01	Blower unit with cover.
SG-40W	Breathing tube, heavy-duty, with QRS connection.	15-0099-99X12	Prefilter, 12/case.	35-1099-81	PAPR filter cover.
SG-50W*	Breathing tube, sound dampening, with QRS connection.	15-0299-99X02	HE particulate filter, 2/case.	35-3099-01	Blower unit with cover, with high altitude compensation.
SG-90	Carry bag, black.	15-0299-99X06	HE particulate filter, 6/case.	35-0099-01	Blower unit with SG-30W self-adjusting breathing tube, airflow indicator, prefilter, spark arrestor, filter cover, HE particulate filter, li ion battery, belt and charger. (Headgear not included.)
06-0500-65	Protective bag.	15-0299-99X36	HE particulate filter, 36/case.		
15-0009-99X02	Spark arrestor, 2/case.	15-0499-99X02	OV/AG cartridge, 2/case.		
15-0099-05	Airflow indicator.	15-0499-99X06	OV/AG cartridge, 6/case.		
		35-0099-08	Battery charger.		
		35-0099-14	Battery charging stand, 6-position.		
		35-0699-99X01	Belt with quick connection (not shown).		



Warning: Respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. Follow all local regulations. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For correct use, consult your supervisor and User Instructions, or call 3M Personal Safety Division (PSD) Technical Service in Canada 1-800-267-4414.