



# 3M™ Adflo™ Powered Air Respirator

To optimise the effective lifetime of your welding equipment and avoid the additional cost of replacement, regular maintenance is important. Replace all damaged parts immediately to ensure correct levels of protection.

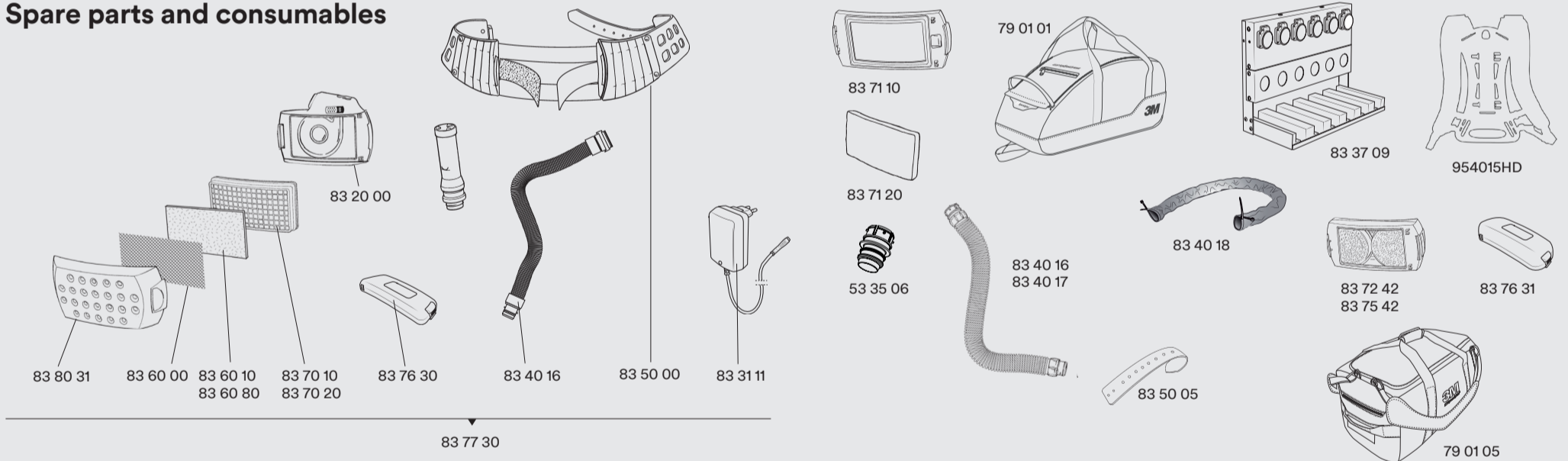
## Before use

- Battery.** Ensure that it's adequately charged and fitted correctly.
- Motor body.** Inspect the unit for damage and ensure it's firmly fixed to the belt. Ensure filters are correctly fitted.
- Breathing tube.** Inspect the tube and connections to ensure they are free from splits and holes. Replace if damaged, deformed or leaking any air. To extend the life of the breathing tube, use a tube cover or the heavy-duty rubber breathing tube.
- Air flow check.** Fit the breathing tube to the unit and attach the airflow meter in the other end of the tube and switch on the Adflo PAPR. If the ball does not rise above the line, continue fault finding.
- Alarm check.** Cover the air outlet of the airflow meter with your hand until an audible warning is heard and the red indicator illuminates. Remove your hand. The alarm should now stop.

## After use

- Clean the equipment.** Wipe the motor body with a moist tissue or cloth. If you suspect that the inside of the breathing tube is dirty, it must be changed. DO NOT rinse, immerse in water or clean with solvents. DO NOT attempt to remove contamination of filters as this will damage the filters and void the warranty.
- Replace damaged parts.** Replace all damaged parts to guarantee the proper functioning of the respirator. Worn out components should be disposed of according to local regulations.
- Spark arrestor.** Replace if deformed and no longer fitting well.
- Pre-filter.** Replace regularly to extend the life of the particle filter. This will save money and also extend the battery run-time.
- Particle filter.** Check the filter indicator position and replace if the red LED is lit. Otherwise, replace whenever the battery operating time becomes too short, or when "fully loaded" filter triggers low airflow alarm.
- Gas filter.** Replace the gas filter according to your workplace requirements. Do not wait until you can smell odours.
- Odour filter.** Replace any time you smell unpleasant odours. Odour filter is not required if gas filter is used.
- Storage.** Put the battery/turbo unit on charge after use. When stored, recharge every six months. Store the unit in a dry, clean area away from direct sunlight, high temperatures and solvents. For example use the Adflo storage bag.

## Spare parts and consumables



Part No	Description	Part No	Description	Part No	Description
53 35 06	Adaptor QRS Breathing Tube to 9000	83 50 05	Belt Extension Adflo	83 76 30 <sup>1)</sup>	Battery Standard Li-ion Adflo
79 01 01	Carry Bag Speedglas	83 60 00	Spark Arrestor Adflo	83 76 30C	Upgrade Kit Standard Li-ion Battery & Charger
79 01 05	Carry Bag Speedglas Heavy Duty	83 60 10	Pre-Filter Adflo Pk=5	83 76 31 <sup>1)</sup>	Battery Heavy Duty Li-ion Adflo
83 20 00	PAPR Motor with Housing Adflo	83 60 80	Pre-Filter Adflo Pk=80	83 76 31C	Upgrade Kit Heavy Duty Li-ion Battery & Charger
83 31 11 <sup>1)</sup>	Charger Battery Li-ion Adflo	83 70 10	Filter Particle PSL Adflo	83 77 30	Respirator Standard Li-ion Adflo
83 37 09	Battery Multi-Station Adflo	83 70 20	Filter Particle PSL Adflo Pk=20	83 77 31	Respirator Heavy Duty Li-ion Adflo
83 40 16	Tube Breathing Self Adjusting QRS Adflo	83 71 10	Filter Odour Adflo	83 80 31	Filter Cover Li-ion Adflo
83 40 17	Tube Breathing Heavy Duty Rubber QRS Adflo	83 71 20	Filter Odour Replacement Pad Adflo	954015HD	Backpack Adflo Heavy Duty
83 40 18	Tube Breathing Cover Flame Resistant Adflo	83 72 42	Filter Nuis Level Organic Vapour/Acid Gas Adflo		
83 50 00	Belt Adflo	83 75 42	Filter Gas A1 Adflo		

<sup>1)</sup> Lithium-ion (grey) batteries (83 76 30, 83 76 31) are only compatible with the Lithium-ion battery charger (83 31 11).



The **Speedglas Powered Air Training Academy (SPATA)** has been launched in Australia and NZ to provide workplaces with online video training modules to educate and train staff on the proper use, care, and maintenance of their welding respiratory protective equipment. Get the most out of your gear and sign up for **FREE** today!

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