

3M™ Adflo™ Powered Air Turbo

To optimise the effective lifetime of your welding equipment and avoid the additional cost of replacement, regular maintenance is important. The 3M Adflo Powered Air Respirator System is a combined face and breathing protection device, for increased comfort and safety in welding.



► Before Use

- Check the battery is fully charged and fitted correctly.
- Inspect the unit for damage.
- Inspect the breathing tube and connections - ensure they are free from splits and holes. Replace if necessary.
- Ensure filters are correctly fitted - the particle filter must be changed if the battery operating time becomes too short. Use the electronic particle filter indicator and the graph in the user instructions to confirm battery life. **The particle filter CANNOT be cleaned.**
- Perform Airflow check - fit the breathing tube to the Adflo unit and insert Airflow indicator tube into the other end of the tube, switch on, ensure ball rises above the line. If the ball does not rise above the line replace the filters.
- Check the low flow alarm is functioning. Cover the breathing tube opening so that no air can escape. Wait for the alarm to sound.

► After Use

- The outside of the Adflo unit can be wiped clean if necessary.
- Disinfect with 3M™ 105 Wipes.
- Charge battery.
- If you suspect that the inside of the breathing tube is dirty, it must be changed.
- Store in a dry, clean area / locker away from direct sunlight, high temperatures and solvents. **DO NOT rinse or immerse in water. DO NOT clean with solvents.**

► Monthly

Carry out all the "Before Use" inspections and create record of this monthly check for the Turbo unit.

► When changing the filter

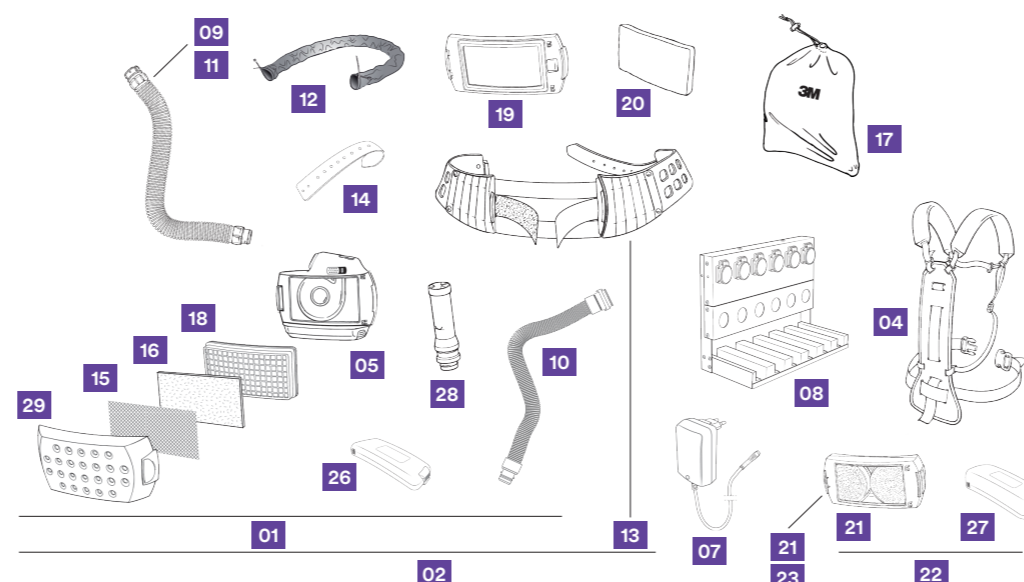
If necessary, clean or change the Spark arrestor (metal mesh) on the inside of the filter cover.

► Ordering Consumables, Repair Parts and Accessories

To request a quote or place an order for these items, please contact your 3M Approved Distributor.

► Further Information and Advice

If you require additional guidance on the Care and Maintenance of your 3M Welding Equipment, please contact the Helpline or your local 3M representative.



	Description	Part N°
01	Adflo respirator with self-adjusting breathing tube QRS, airflow indicator, prefilter, spark arrestor, particle filter and battery	83 77 10
02	Adflo respirator with self-adjusting breathing tube QRS, breathing tube, airflow indicator, prefilter, spark arrestor, particle filter, battery and charger	83 77 30
03	Adflo respirator as in 83 77 30, but with heavy-duty battery	83 77 31
04	Backpack	80 60 20
05	Turbo assembly, without filter, without filter cover	83 20 00
06	Battery charger for NiMH batteries	83 31 01
07	Battery charger for Li-ion batteries	83 31 11
08	Battery charger holder	83 37 08
09	Breathing tube with silencer, non-QRS	83 40 08
10	Breathing tube self-adjusting (52,5 to 85cm) with QRS connection	83 40 16
11	Breathing tube, heavy-duty rubber, with QRS connection	83 40 17
12	Flame resistant breathing tube cover	83 40 18
13	Belt	83 50 00
14	Belt extension	83 50 05
15	Spark arrestor	83 60 00
16	Prefilter x5	83 60 10
17	Storage bag	83 70 00
18	Particle filter P SL	83 70 10
19	Odour filter	83 71 10
20	Odour filter replacement pad	83 71 20
21	Gas filter A1B1E1	83 72 42
22	Gas filter kit: A1B1E1 filter and Li-ion heavy-duty battery	83 73 01
23	Gas filter A2	83 75 42
24	NiMH battery (standard)	83 76 20
25	NiMH battery heavy-duty	83 76 21
26	Li-ion battery (standard)	83 76 30
27	Li-ion battery heavy-duty	83 76 31
28	Airflow indicator	83 80 20
29	Filter cover - black	83 80 31

@3M_UK_Safety

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3M Health & Safety Helpline

Monday - Friday 9 to 5

0870 60 800 60 - UK
1 800 320 500 - IRELAND



For more information on all our products, call 3M Personal Safety Division on 0870 60 800 60 (UK) and 1800 320 500 (Ireland) or visit www.3M.co.uk/safety

**Replace all damaged parts immediately
to ensure correct levels of protection.**