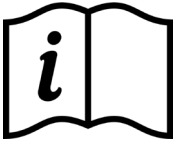


Mangar Battery Frequently Asked Questions

Airflo 12 & Airflo 24



The following information is additional guidance for users of the Mangar Airflo 12 and Mangar Airflo 24 compressors. ALWAYS READ THE FULL USER INSTRUCTIONS PROVIDED WITH EVERY PIECE OF EQUIPMENT.

1) Do I need to charge my Airflo when I receive it?

Yes. When you receive your Airflo please ensure you give it a full charge cycle, you will be able to see that the battery is fully charged once an intermittent flash of the full charge green LED is present.

Please note: For new NiMH batteries (Airflo 12 and 24 only), it is often necessary to cycle them at least three to five times or more before they reach peak performance and capacity. The first several times that you use your NiMH batteries you may find that they run down (discharge) quickly during use. Don't worry, this is normal.

2) How often should I charge my Airflo?

As a minimum, we suggest that you put your Airflo on charge as soon as possible once the LED on the battery charge indicator ladder turns red. Regular over-discharge of the battery can permanently reduce the capacity and lifespan of the battery. There are no negative effects in leaving the Airflo on charge, and by keeping it on charge continuously this also means you can be sure it will be ready to use when needed. Due to our built-in intelligent battery management system, our batteries cannot be overcharged.

3) Can I use a 12V Battery in an Airflo 24 and vice versa?

Neither the Airflo 12 or the Airflo 24 will operate with the incorrect battery fitted.

4) What are the Batteries made of?

We use Nickel-Metal Hydride batteries, this is due to the chemical construction providing the best balance between capacity, durability and most importantly, safety.

5) How do I replace the battery?

Locate the screw **(A)** on the base of the Airflo unit and undo. Once removed, slide panel **(B)** down to open access to battery pack. Unclip battery connector and slide out from housing. Connect new battery, seat into the housing, slide panel back into position and reinsert screw. To calibrate the battery indicator, it is essential before use to charge for 12 hours and then disconnect from the charger and leave for 90 minutes to allow the battery management software to correctly calibrate.



6) Do the Batteries have a warranty?

Our batteries come with a one-year warranty.

7) How many inflates should each product realistically achieve on a single charge?

Please note, the number of inflates will vary depending on the weight of the person being lifted.

Mangar Camel Lifting Cushion:	Up to 4 inflates
Mangar Elk Lifting Cushion:	Up to 10 inflates
Mangar Eagle Lifting Cushion:	Up to 6 inflates
Mangar Bathing Cushion:	Up to 15 inflates
Mangar Leglifter:	Up to 14 inflates
Mangar Sit-u-Up:	Up to 25 inflates
Mangar Handy Pillow Lift:	Up to 15 inflates
Mangar Raiser:	Up to 20 inflates
Mangar Surfer Bather:	Up to 20 inflates

8) How much does it cost to charge the Airflo?

The **Airflo 12** takes 0.044kWh to charge, so will cost **1.4p** for a full charge. (based on an estimate of energy costs in October 2022)

The **Airflo 24** takes 0.079kWh to charge, so will cost **2.5p** for a full charge. (based on an estimate of energy costs in October 2022)

We advise that you keep the Airflo 12 and 24 on charge when not in use, which will cost a fraction of a penny each day to keep the battery at full charge.

9) Can I recycle my old battery?

Our batteries can be recycled. We offer a take back facility at our Presteigne site for our current Airflo 12 and Airflo 24 batteries. We will provide for their treatment, recovery and environmentally-safe disposal through our registration with our partner Valpak. Alternatively, you can contact a licenced waste management contractor or your local authority.

Please note: We cannot provide a collection service or support the cost of the battery return.

Archimedes

1) How much does it cost to charge the Archimedes?

The Archimedes handset uses 0.04kWh to charge, so will cost **1.3p** for a full charge. (based on an estimate of energy costs in October 2022)

We advise that you keep the Archimedes on charge when not in use, which will cost a fraction of a penny each day to keep the battery at full charge.

If you'd like to discuss this further, call us for free on **0800 2800 485**
or email us enquiries@winnicare.uk