



m-Clima®
Surgical

user
manual





before using this product,
please read and follow all
instructions and warnings.

components	3
getting started	5
1. charging the battery	5
2. connecting the system	6
3. operating the system	7
4. caring for the system	8
5. charging the battery	8
6. pairing and reset the device	8
7. precautions	9
8. troubleshooting	9
9. warranty	10
10. warnings	10
contact	11

components

m-Clima® climate management vest (x2)



m-Clima®
blower unit



m-Clima®
remote control



m-Clima®
lithium-ion
battery unit



m-Clima®
battery
charger



m-Clima®
manifold
(x2)



m-Clima® cable to
connect the blower unit
to the rechargeable
battery



how to connect m-Clima®

battery



getting started

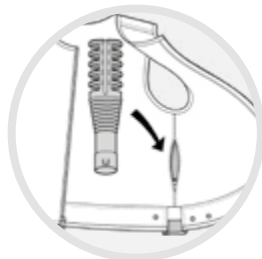
1. charging the battery

- connect the battery to the charger and plug the charger into any standard electrical outlet.
- it would take about seven hours to achieve a full battery charge. the battery is fully charged once the number 9 appears on the level indicator.
- charge indicator: the charge indicator will display the level of charge (from 0 to 9). when the battery is discharged, there is no light once you push the ON button or level 0 of charge appears on the screen.

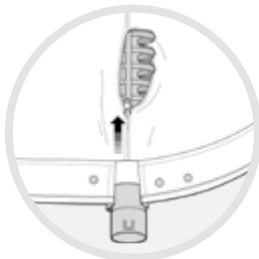
m-Clima® battery specifications

type:	lithium-ion
rate:	11.1V 9000mAh
input:	12.6V 5.0A max
output:	9V~12.6V 8.0 A max
gross weight:	530 g (18.7 oz)
dimensions:	165 x 100 x 28 mm (6.5" x 3.94" x 1.1")

2. connecting the system



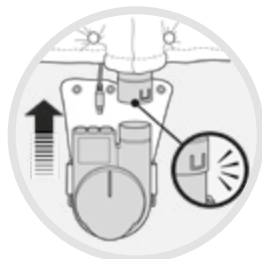
insert the manifold into the vest side entry aperture.



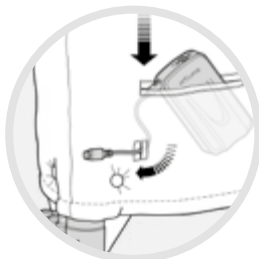
close the zip and expose the bottom part of the manifold, which will be visible at the bottom of the vest.



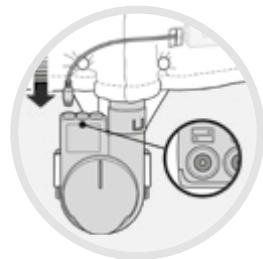
attach the blower unit to the vest.



attach blower unit through the velcro tabs through the slots. insert blower unit to the matching vest air intake.



place the battery in the back pocket of the vest but first switch on the battery by pressing the battery's ON button for 5 seconds until the digit reader blinks. once the battery is in the pocket pull the battery cable through the hole at the bottom of the pocket.



connect the battery cable to the outlet marked with the battery symbol.

3. operating the system



put on your protective equipment, making sure that the blower's air intake is not fully covered by it.



remember that the m-Clima® system is used as mid-layer, so it should be used between the scrub and the gown.



press cooling button on the remote control supplied to toggle between on/off.



the system is connected to a rechargeable battery which provides a long-lasting device uptime.

4. caring for the system

m-Clima® Surgical can be machine washed in warm water (104 °F / 40 °C cycle) using a mild detergent and hang dried. to wash this product, firstly disconnect all cables from blower unit, remove the blower unit, extract the manifold from the vest side. ensure the battery and all system components are removed from the garment. to clean all the components, wipe with a dry cloth.

5. charging the battery

remove the battery from the vest, connect it to the charger and plug the charger into any standard electrical outlet. it would take about seven hours to achieve a full battery charge. the battery is fully charged once the number 9 appears on the level indicator.

battery storage

store the battery/remote control in a cool, dry area. avoid extended exposure to direct sunlight. charge the battery every 6 months to the amount specified by the manufacturer, even if the battery is not used.

6. pairing and reset the device

when pairing, please perform the following pairing procedure:

- turn off the m-Clima® climate management system.
- locate the small pairing/reset button on the back of the blower unit.
- use a small, unfolded paper-clip or something similar to push the button (the button is inside a tiny hole).
- tap and hold the pairing/reset and the radio control buttons for three seconds and release.
- do not apply excessive force or the electronics may be damaged inside the blower unit

for restarting and resetting the device:

- hold the pairing/reset button down for 10 seconds and release.



note: the remote control could be paired with up to 5 blower units.

7. precautions



read and follow all “operating instructions” prior to using this system.



stop using this product immediately if it becomes damaged or is found to be defective.



do not attempt to disassemble the battery unit or the blower unit. if any of these elements become broken, cracked or ruptured, stop using immediately and return to your dealer for guidance.



keep out of the reach of children.

8. troubleshooting

remote control

symptom: cooling not working

action:

- if RC blue light not flashing when buttons pressed, replace battery
- if blue light flashing, re-pair RC to blower unit
- if still not working, contact customer service

cooling function

symptom: not cooling

action:

if fan not operating:

- check power source is connected securely to correct socket in blower unit
- charge portable battery

if fan is operating:

- check portable battery is fully charged
- check manifold is connected to blower correctly
- check internal manifold zipper is fully closed
- wear only a single layer base layer
- check vest is a snug fit and not too loose
- if still not working, return to customer service

9. warranty

this product has 2-year manufacturer warranty on electronic components, following the regulation in force in the country of purchase. vest and battery have 12-month warranty. the guarantee is valid upon presenting the original purchase receipt or invoice issued by the m-Clima® retailer, showing the date of purchase. the warranty does not cover natural wear defects from the use or improper use of the device. we recommend that you read this user manual and respect all the indications on the use of this product, as well as the maintenance conditions and the manufacturer's care label. the guarantee does not cover damages caused to the product due to an accident, handling, modifications, repairs, corrosive materials, liquids or any other cause, including events of force majeure, or defects due to the use of accessories that are not m-Clima® originals.



likewise, any modification to or removal of the stamps, labels or products indications invalidates the guarantee.

10. warnings



treatment of electronics at the end of their useful life (applicable in the European Union and other European countries with separate waste collection systems).

this symbol on the device or the package indicates that this product cannot be treated as normal house trash, but must be delivered to the correct electronics collection point. by ensuring this product is disposed of correctly, you will help prevent negative consequences for the environment and human health that could arise from improper handling when disposing of this product. recycling helps conserve natural resources. to receive detailed information about recycling this product, please contact your city hall, the nearest recycling collection point or the establishment where you purchased the product.

contact

thank you for your trust in m-Clima®
technology.
please, contact us if you have any
questions on the use of this product.

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