
rukka®



POWERED BY

m°Clima®

CLIMATE MANAGEMENT

Users Manual



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

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COMPONENTS

M-CLIMA® Climate Management vest



M-CLIMA®
Blower unit



M-CLIMA®
Remote control



M-CLIMA®
Lithium-ion
battery unit



M-CLIMA®
Battery
charger



M-CLIMA®
Manifold



M-CLIMA® cable to connect the blower unit to vehicle



M-CLIMA® BMW cable*



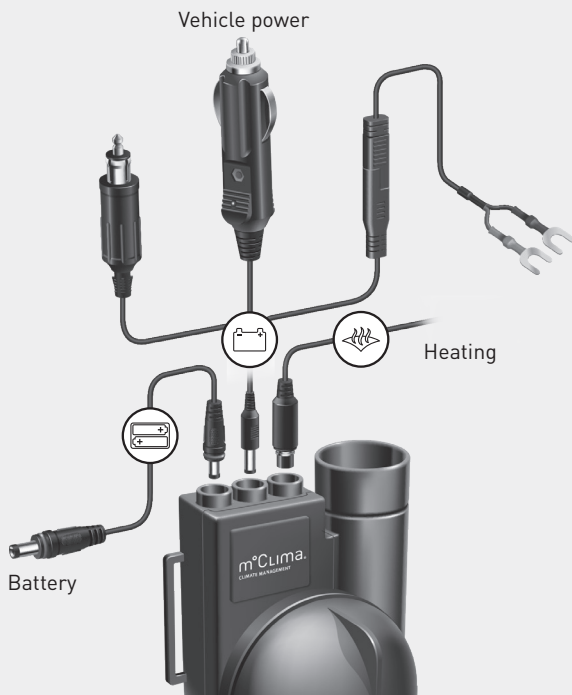
M-CLIMA® standard 12V cable*



Protection caps



How to connect **M-CLIMA®**



* Components sold separately

GETTING STARTED

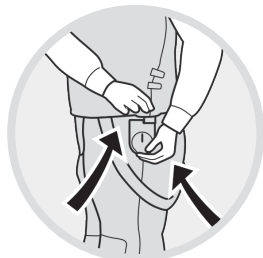
1. Charging the battery

- Connect the battery to the charger and plug the charger into any standard electrical outlet.
- The battery must continuously charge for a minimum of four hours during its initial charge period.
- After the initial charge, it should take between 3 and 4 hours to recharge the battery.
- The LED light on the charger will indicate RED when the battery is being charged, GREEN when the battery is nearly fully charged, and it will go off when fully charged.

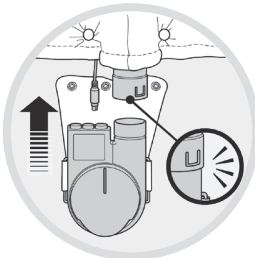
M-CLIMA® battery specifications

Type	Lithium-ion
Model	11V2600
Rate	11.1V 2600 mAh 28.86Wh
Input	12.6V 2.5 A max
Output	12.6V~9V 2.5 A max
Gross Weight	6,2 oz (176 gm)
Dimensions	2,99" x 2,56" x 8,9" (76 x 65x 22,5 mm)

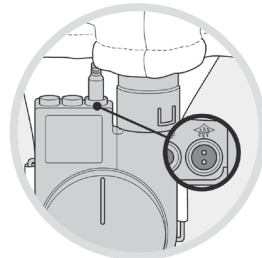
2. Connecting the system



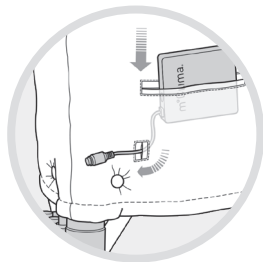
Attach the blower unit to the vest.



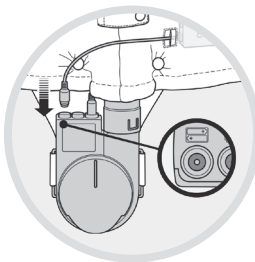
Attach the blower unit to the blower unit support by pulling the velcro tabs through the slots. Connect the blower unit to the matching vest air intake. Connect the flexible blower support snaps to the vest.



Plug the heating cable to the matching outlet.



Place the battery in the back pocket of the vest. Pull the battery cable through the hole at the bottom of the pocket.

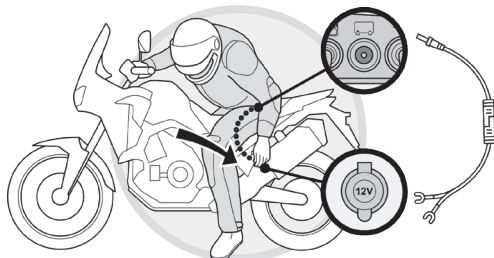


Connect the battery cable to the outlet marked with the battery symbol.

3. Operating the system



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



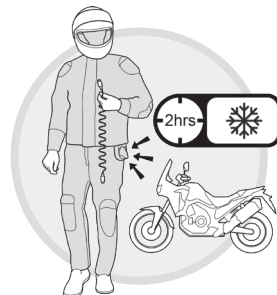
Connect the blower unit to the vehicle with the cable supplied for this purpose. When powered by vehicle, both heating and cooling systems can be activated individually. When powered by battery, only cooling system can be activated.



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



Press heating button on the remote control to toggle between on/off.



When connected to the battery you can use the cooling function with a maximum of 2h of autonomy.

4. Caring for the system

RUKKA® M-CLIMA® vest can be hand washed in warm water 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. In case you are not using some of the cable plug holes on the blower unit, use the cover caps provided to cover them to prevent dust or water ingress.

5. Charging the battery

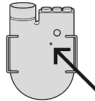
Remove the battery from the vest, connect it to the charger and plug the charger into any standard electrical outlet. Charging is complete once the LED on the charger goes from red to green to OFF (3-4 h).

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 resetting the device

When pairing, please perform the following pairing procedure:

- Turn off the **RUKKA® M-CLIMA®** system.
- Locate the tiny hole at the back of the blower unit, to access the pairing/reset button. 
- Use a small, unfolded paper-clip or similar to push the button (the button is inside a tiny hole).
- Tap & hold the pairing/reset button for 3 seconds & release.
- Click on the remote control cooling button to reinitiate the system.
- 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, blower unit or heating system. 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.



Discontinue use immediately if heating system becomes uncomfortably hot.

Contact us

Please contact us if you have any questions on the use of this product. Thank you for your trust in **RUUKKA® M-CLIMA®** technology. If you have any questions, comments or suggestions, please do not hesitate to contact us.

Rukka

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Rukka is a Finnish Trademark for active sportswear.

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