

AIRCON



CHILLOUT
SYSTEMS



REGISTER YOUR SYSTEM

To activate your warranty, products must be registered within 30 days of purchase. Scan the QR code to begin the process or enter the link below.

chilloutsystems.com/pages/product-registration



INCLUDED

- 1x AirCon Helmet Cooler
- 1x Wiring loom
- 1x Carbon fiber baseplate
- 2x Quick release pins
- 4x Rubber isolaters

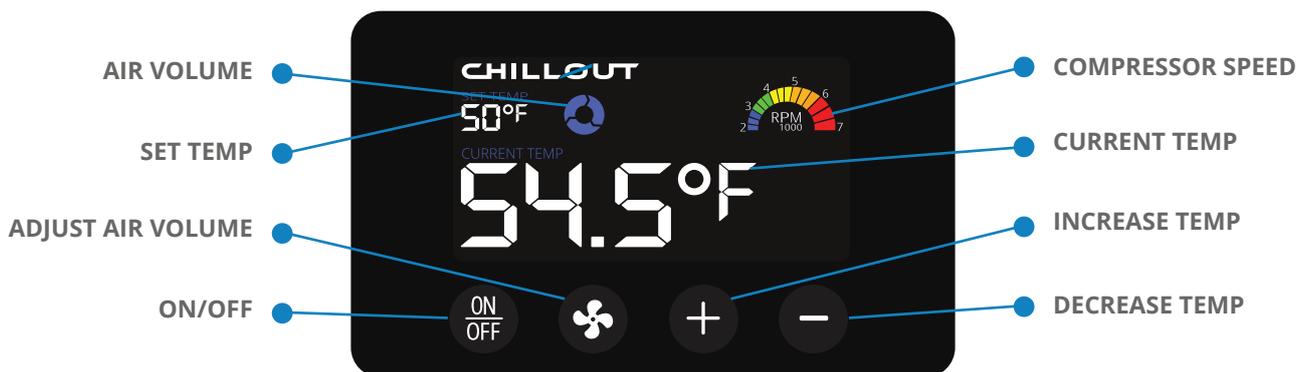
SPECIFICATIONS

	RATED COOLING CAPACITY 500 watts		COOLER SIZE Length: 12.32in / 313mm Width: 6.69in / 170mm
	WORKING VOLTAGE 12V/24V		WEIGHT Cooler: 9.92lbs / 4.5kg Mounting Plate: 6oz / 170gms
	MAX CURRENT 30A/15A		AIR TEMP SETTINGS 50°F - 80°F / 10°C - 26°C Increases in 5° increments
	COMPRESSOR Micro Brushless Inverter Rated Voltage: 24V Displacement: 1.9cc		AIR SPEED SETTINGS High/Medium/Low
	FAN Axial Flow (2) Rated Voltage: 24V		OPERATING TEMPERATURE 32°F - 130°F / 0°C - 54.4°C
	BLOWER Rated Voltage: 24V Max Air Volume: 18.75cfm		STORAGE TEMPERATURE 32°F - 140°F / 0°C - 60°C
	OUTPUT AIR HOSE SIZE Width: 1.25in / 31.75mm		



SYSTEM DISPLAY

The AirCon Helmet Cooler can be controlled via the buttons on the system or by wired remote (sold separately).



BUTTON SETTINGS



ON|OFF

Long press to turn the system On/Off.



Air Volume Settings

Short press to change between the three settings (low, medium and high). The selected **Air Volume** is shown on the display. To return, wait 2 seconds and short press again.



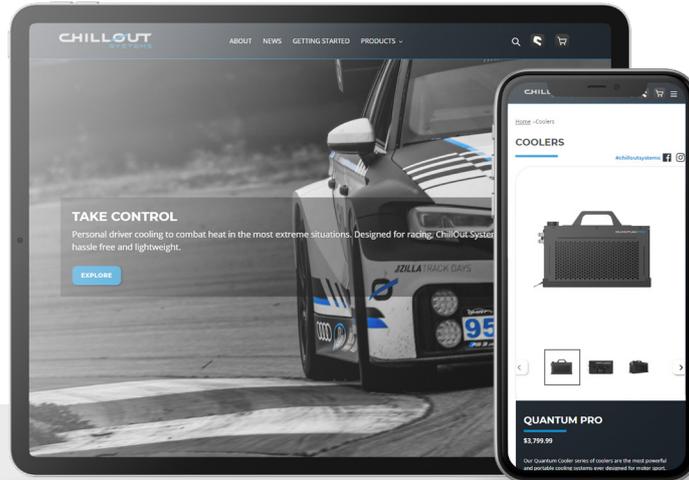
Increase System Temperature

Short press the button to switch to the fluid temperature setting. Press again to increase the fluid temperature in increments of 5 degrees fahrenheit.



Decrease System Temperature

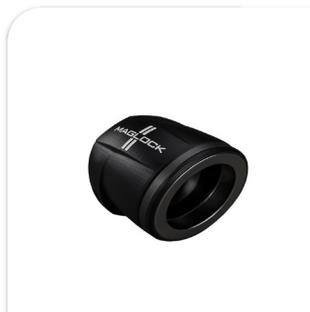
Short press the button to switch to the fluid temperature setting. Press again to decrease the fluid temperature in increments of 5 degrees fahrenheit.



FREQUENTLY PAIRED TOGETHER



Remote Control
(AirCon)



Maglock® Air
Helmet Side



Fluidlogic™ Coaxial
System (forced air)



Maglock® Air 1.25" Hose



4" Carbon Fiber
90° Air Plenum



4" Carbon Fiber
NACA Duct



4" Neoprene Air
Duct Hose

MOUNTING THE BASEPLATE



- Determine the best location to mount your system inside the car. If possible, keep your system away from any heat sources to ensure maximum cooling efficiency. Ensure there is a sufficient gap between the back of the unit so that the air can circulate freely.
- Place the systems base plate where you have decided to install it and use a sharpie to mark the holes for installation into the vehicle.
- Drill out the holes so that you can install the rivnuts to the vehicle. Once the rivnuts are installed, you can attach the base plate to the vehicle. Be sure to install the provided rubber isolators between the base plate and the installed rivnuts to keep airflow underneath the unit.
- With the base plate now installed, insert the system into the plate and secure with the 2 ball pin connectors.

DUCTING AND PLENUMS



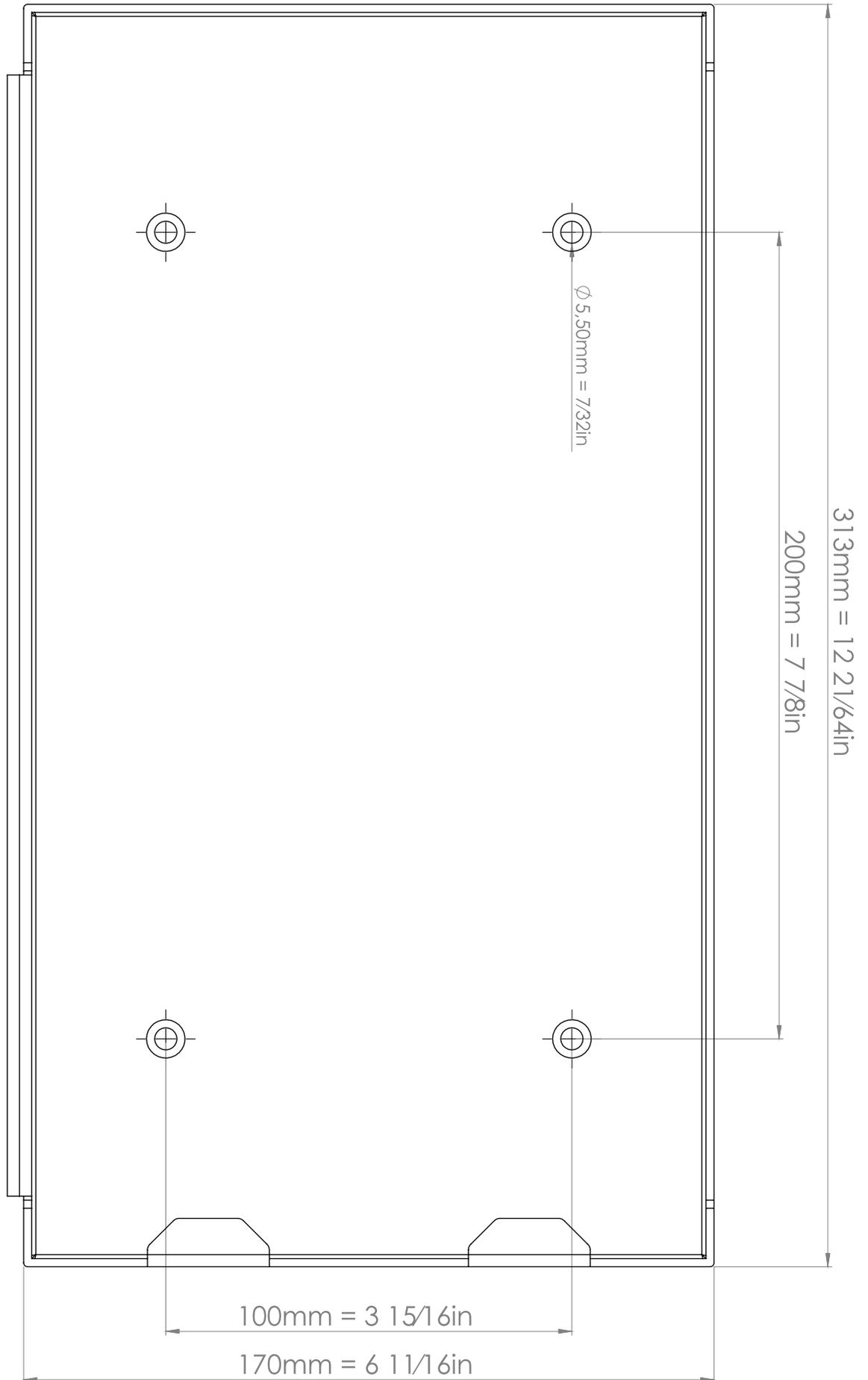
When installing a NACA duct and plenum, consider using ChillOut Systems 4 inch ducting and plenums. With nearly twice the airflow as 3 inch ducting, this is the most efficient way to keep your system cool. In some cases 3 inch ducting may be the only option. In this case, the system must be paired with a in-line 3 inch blower that is rated to 275 cfm..

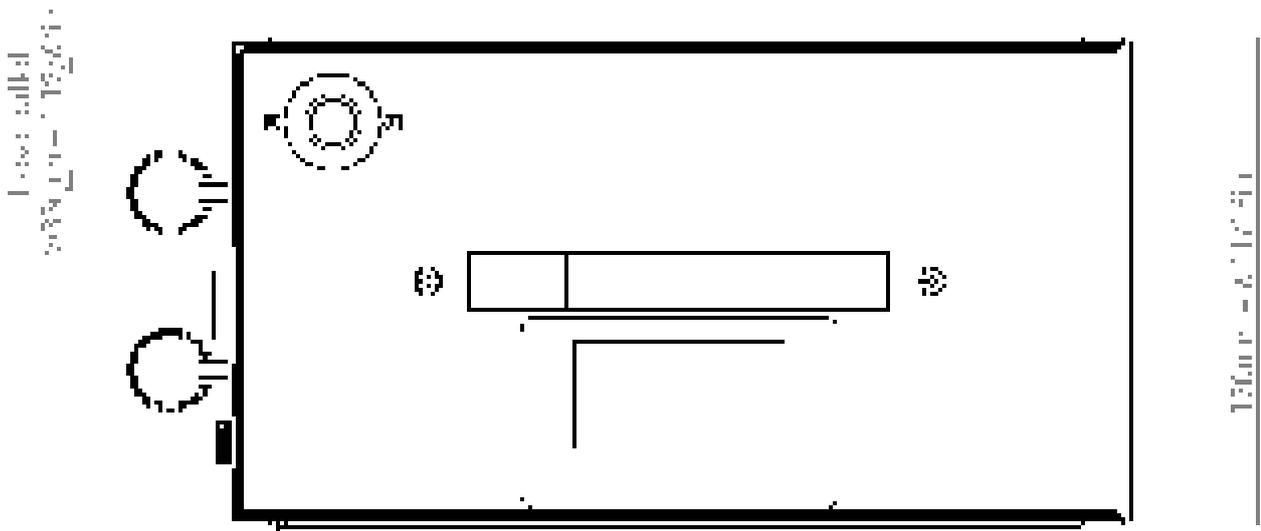
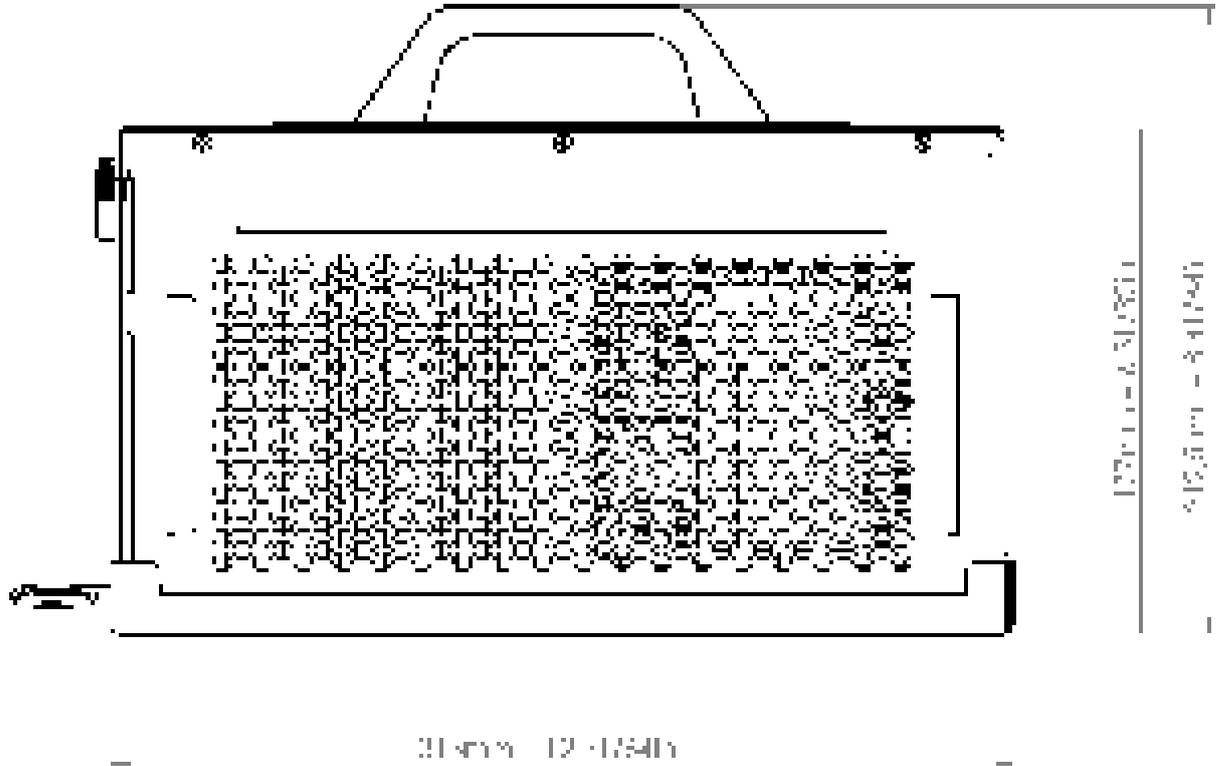
- Place the NACA Duct where you have decided to install it and use a sharpie to trace an outline to the vehicle. Once the outline has been traced onto your window, a rotary cutting tool can be used to cut out the outline. We recommend using M4 nuts and bolts to secure the naca duct to a lexan window.

INSTALLING THE WIRING



- Connect the wiring harness to the system and run it to your electrical source. This can be directly to the battery with an inline fuse or to a 40amp relay if you are using a switch for the install.
- Once you figure out the length of wire required you can trim the excess and connect it accordingly. (Our wiring harness uses 8 AWG wire)
- Connect the remote wire to the system if you have purchased a remote. We recommend putting the remote somewhere that sun won't directly glare onto it (This can make it hard to read while driving).







EXTEND YOUR PRODUCTS WARRANTY

Add Chillout Service to your purchase order adding an additional 2 years to your systems warranty (36 months total). This includes one free service at any time during the 36 month warranty period.

SERVICING

- Deep cleaning of all internals (includes fans, condenser, controller boards).
- Servicing of the cooling system.
- Freon pressure check and top-up (if necessary).
- Performance checks and optimization.

REPAIR/REPLACEMENT

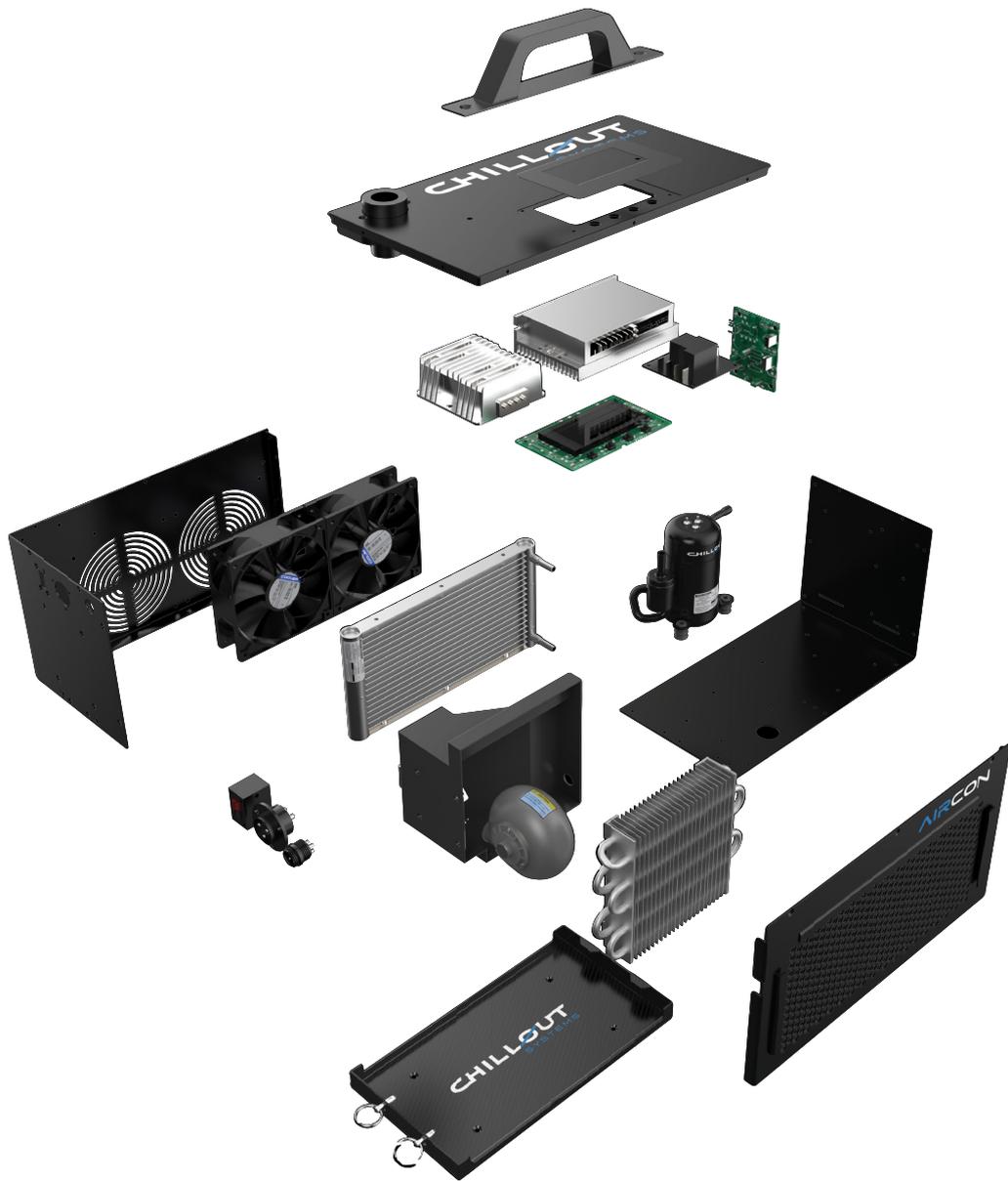
In the unlikely event of a failure to your system, within your extended warranty we will expedite a replacement cooler to you via Express Air Service.

Your system will be diagnosed, serviced, repaired and sent back to you.



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