



Frequently Asked Questions

**bycool EVAPORATIVE
COOLERS**

R-Evolution & Mochila

Question 1 – What voltage is the unit available in?

The unit is available in both 12V and 24V models

Question 2 – What product options are available?

There are 2 models in the bycool range: Roof mounted R-Evolution and Rear mounted Mochila

Question 3 – What are the dimensions and weights of the units?

R-Evolution (roof mounted) – 860 x 787 x 180 mm (LxWxH) and 18kg

Mochila (rear mounted) – 835 x 495 x 160 mm (LxWxH) and 17kg

Question 4 – Where is the internal evaporator mounted in the Cab?

The R-Evolution evaporator is mounted directly below the roof mounted unit.

The Mochila evaporator is mounted directly behind the external unit on the internal cab wall

Question 5 – Do you have to modify my internal cupboards or storage shelf when installing the Mochila?

This will depend on the internal configuration of your cab. Our trained installers can advise on the best location for the unit.

Question 6 – What is the capacity of the water bottle?

The water bottle can hold 35 litres of water

Question 7 – What are the dimensions of the water bottle?

550 x 550 x 110 mm (LxWxH)

Question 8 – How much water does the unit use per hour?

Water use can vary between 0.5 – 1.5L/hr, depending on the humidity level, fan speed and pump duration.

Question 9 – Does the water need to be treated?

If the unit is being used on a regular basis the water should not need any special treatment. An anti-bacterial agent is available to treat the water if required during periods of inactivity.

Question 10 – Does the water bottle need an insulation cover?

Tests have shown that covering the water bottle has no impact on the unit's performance. Should you require a cover to improve the appearance of the bottle, speak with your installer.

Question 11 – How is the water bottle fitted to the rear wall of the truck?

The water bottle is bolted through the rear wall using a mounting bracket which is positioned to pick up the existing support struts in the cab structure. Additional supports are used where required.

Question 12 – What is the air flow capacity of the units?

900m³/hr

Question 13 – How long will the units run for?

As long as there is sufficient water supply and the battery is above the low voltage cut-out, the unit will continue to operate.

The units also have a timer function, with 3 settings of 1 hour, 3 hours or 6 hours.

Question 14 – Will the unit make my battery flat?

The units are supplied with a low voltage cut-out to protect the battery. It is a good idea to check that all other products in the truck also use a low voltage cut-out to make sure capacity is sufficient.

Question 15 – How much current does the unit draw?

The power consumption is min 9.6W to max 96W at full load.

Question 16 – What size battery do I need to have in my truck to run the unit?

The unit can be connected to standard truck batteries or can run on a dedicated separate battery pack if required. Our installers will be able to advise on the electrical requirements for your truck, taking into account other equipment in your cab.

Question 17 – Can I connect the unit to a separate battery?

Yes

Question 18 – Do I need to have the unit serviced?

The water circuit should be cleaned on a regular basis to prevent build up of bacteria and odours. It is best to empty the water bottle when the truck or unit is not in use during winter months to stop any bacteria build up. Full maintenance and care instructions are detailed in the user manual.

Question 19 – Can the unit be used while I am driving?

Yes

Question 20– How much noise does the unit make when running?

Being that the unit does not use a compressor or diesel engine, its operation is very quiet for both the driver and any neighbours.

Question 21 – Is a remote control available?

Yes, the unit is supplied with a RF remote control

Question 22 – Can the unit be fitted through the existing roof hatch?

The R-Evolution is designed to fit through the roof hatch on European trucks, however check with your installer as different truck models require a specific internal trim ring.

Question 23 – Can the units be painted to match the colour of my truck?

Yes, both units can be painted to match the colour of your truck.

Question 24 – How long will the installation take?

Depending on the truck configuration, a standard installation would take 4-6hrs. Our installation partners will be able to advise you depending on your specific requirements.

Question 25 – Do you have to cut a large hole in the structure of the cab?

The installation of the R-Evolution should avoid cutting through any support or structural braces in the roof.

If this is not possible we would recommend the installation of the rear-mounted Mochila.

Question 26 – Can the unit be fitted on trucks with roof spoilers?

If there is insufficient clearance on the roof for the R-Evolution, an alternative would be to fit the rear-mounted Mochila or the low profile NiteCool.

Question 27 – Can I install the unit myself?

No. Only a certified and authorised Webasto installer can fit the unit.

Question 28 – Where can I get the unit installed?

Webasto has an Australia-wide network of installation partners who can be located via the dealer locator on www.webasto.com.au or by calling 1800 244 494

Question 29 – What warranty does the unit have?

The unit comes with a 2 year Australia-wide warranty.