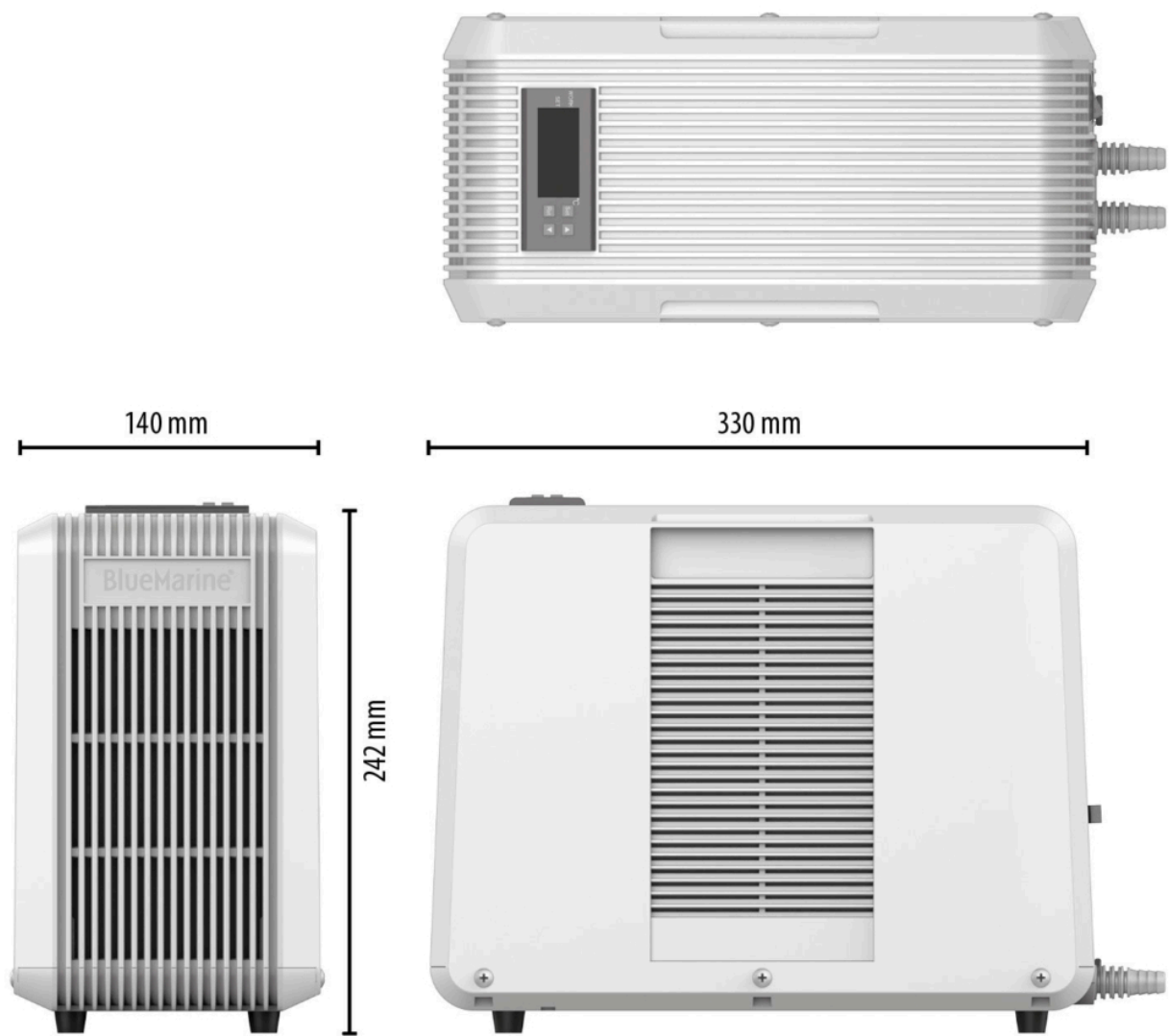




Chiller 100

User manual

EN



Function

The Blue Marine Chiller 100 is an advanced water cooler for (seawater) aquariums from 30 to 100 litres. You connect the chiller to a circulation pump, the water is cooled as it flows through. The cooler works on the Peltier principle which makes it very quiet, vibration-free and low-maintenance. The water flowing through the cooler should always be clean (filtered). Dirty water can adversely affect the cooling efficiency and cause blockages.

A

Installation

For installation, you need a circulation pump (Blue Marine Reef Power 600, art. N7035375), aquarium hose (ø 9/12 mm or ø 12/16 mm) and hose clamps. These are not included.

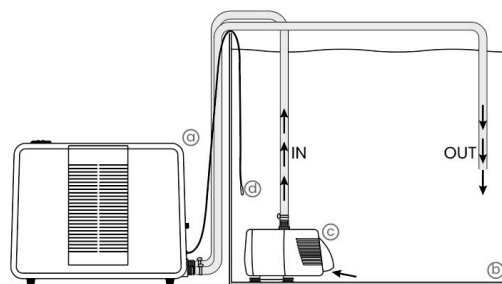
Connect the circulation pump (c) with the aquarium hose and hose clamps to one of the connections on the chiller (a). Place the circulation pump in the sump (b).

Connect the other aquarium hose to the other connection using a hose clamp and hang the hose end in the sump at some distance from the pump.

Place the sensor (d) in the sump, near the circulation pump so that it can measure the average water temperature.

Turn on the circulation pump so that water starts flowing through the chiller.

Connect the power cable to the chiller and plug it in. Flip switch at the back of the chiller so that it lights up red.

A[Overview »](#)

B**Use**

Turn on the chiller by pressing the RST key. The display will turn on. To turn the chiller off, press and hold the RST key for three seconds.

Press the Set button, the digits start flashing and LED (f) lights up.

Press “up” or “down” to set the desired temperature. If you want to go up or down faster, press and hold the button.

Press Set to confirm the setting or wait 5 seconds (the digits stop flashing).

Should you accidentally press the Set button too long, you will enter the factory settings menu. Press Set or wait 5 seconds to exit this menu. Do NOT modify the factory settings.

The chiller starts cooling when the water temperature is 1°C above the set value and stops once the set temperature is reached (example: at a set value of 26°C, the chiller keeps the water temperature between 26–27°C). LED (e) lights up during cooling.

B[Overview »](#)

Chiller maintenance:

- 1 Turn off the chiller with the switch and unplug it.
- 2 Clean the outside of the chiller regularly with a dry or slightly damp cloth.
- 3 Disconnect the hoses if they are dirty on the inside and rinse them under running water or use a special brush to clean the inside.
- 4 Reconnect the hoses and secure them with the hose clamps.
- 5 Put the plug into the socket and flip the switch again.
- 6 After a brief power interruption, the chiller will continue cooling with the set temperature.

[Overview »](#)

Safety & Warranty

[View the Safety & Warranty »](#)