

CHILLZZ

STOCK TANK POOL

CHILLER / HEATER + FILTER PUMP

INSTALLATION MANUAL

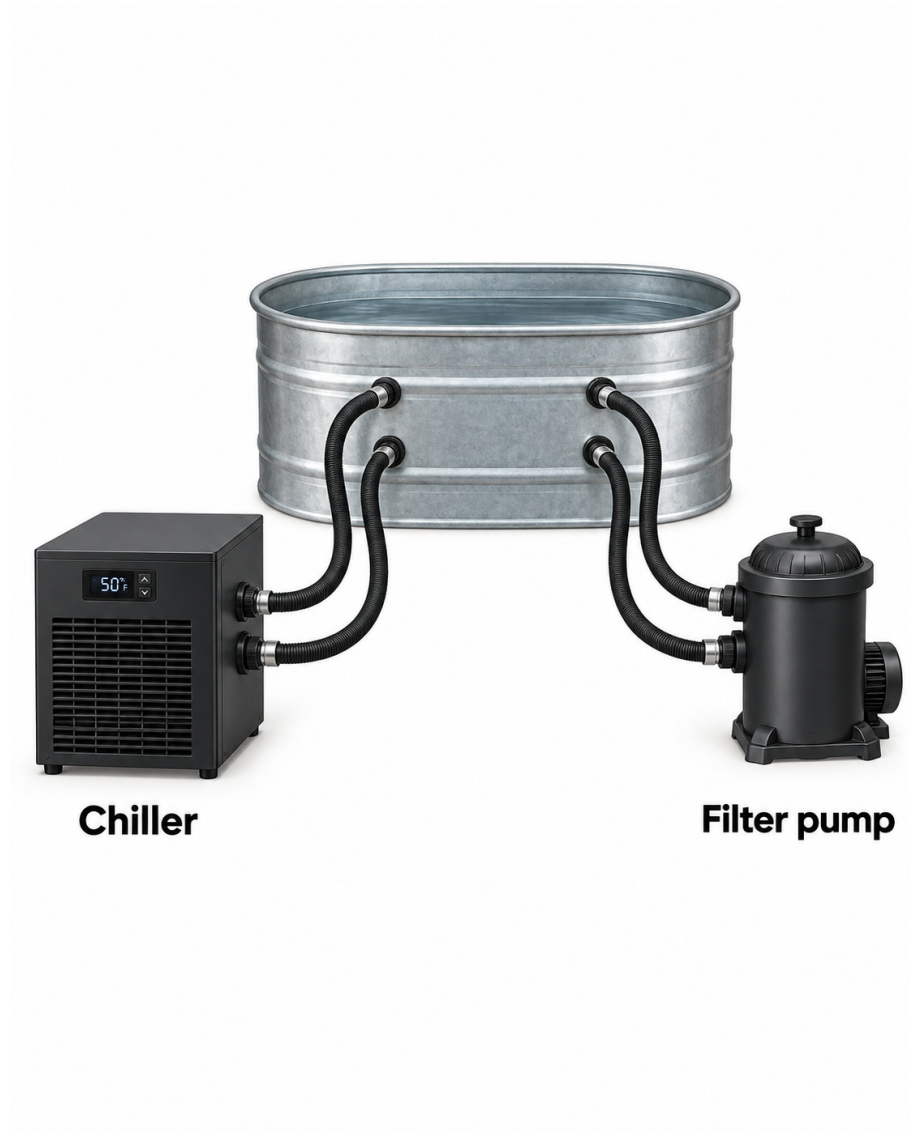


Simple installation. Two separate water circuits.

- The filter pump filters the water and runs as its own system.
- The chiller / heater cools or heats the water. It has an integrated circulation pump and can run on its own.
- The filter pump and chiller / heater do not need to run at the same time.
- Always read the manufacturer manuals supplied with the filter pump and chiller / heater before operating them.

1. Connection overview

Your stock tank has four water connections: two for the filter pump and two for the chiller / heater.



Four-hose connection overview

Filter pump

- LOWER tank connection → LOWER filter-pump connection.
- UPPER tank connection → UPPER filter-pump connection.

Chiller / heater

- LOWER tank connection → LOWER chiller / heater connection.
- UPPER tank connection → UPPER chiller / heater connection.

Important: the two systems are separate

The filter pump and the chiller / heater are two independent water circuits. The filter pump is used to filter the water. The chiller / heater has its own integrated circulation pump, so it can circulate and cool or heat the water without the filter pump running.

STEP 1

Install the tank inlets

Install all four tank fittings before adding adaptors or hoses.

RUBBER GASKET = INSIDE OF THE TANK

The black rubber gasket must sit on the INSIDE wall of the stock tank. It creates the watertight seal between the fitting and the metal tank.



Rubber gasket / fitting detail



Outside view of the installed fittings

1. Place the rubber gasket on the inside

Make sure the gasket is flat against the inside metal wall of the tank.

2. Insert the fitting through the pre-drilled hole

Push the threaded part through the hole from the inside toward the outside.

3. Secure the fitting from the outside

Tighten the outside part firmly by hand while keeping the rubber gasket flat and centred.

4. Repeat for all four connections

Check all four rubber gaskets before continuing.

DO NOT OVERTIGHTEN

Overtightening plastic fittings can deform the gasket or fitting and may cause leaks.

STEP 2

Add the adaptors

Once all four tank fittings are installed, add the supplied adaptors to the outside threaded connections.



Example of the adaptor / union assemblies

- Screw each adaptor onto the outside threaded tank fitting.
- Check that any supplied washer or O-ring is correctly seated.
- Tighten securely by hand. Do not overtighten.
- Install all four adaptors before connecting hoses.

STEP 3

Connect the filter pump

Use the pair of tank connections intended for the filter-pump circuit.



Example hose connection



Filter pump example

FILTER-PUMP CONNECTIONS

LOWER tank connection → LOWER filter-pump connection.

UPPER tank connection → UPPER filter-pump connection.

The filter pump is only for filtering the water. It runs independently from the chiller / heater.

STEP 4

Connect the chiller / heater

Connect the chiller / heater to the other pair of tank connections.



7 kW chiller / heater - example model

CHILLER / HEATER CONNECTIONS

LOWER tank connection → LOWER chiller / heater connection.

UPPER tank connection → UPPER chiller / heater connection.

The chiller / heater has an integrated circulation pump.

This means the chiller / heater can circulate the water through its own circuit and can run without the filter pump. You can use the filter pump, the chiller / heater, or both systems depending on what you need.

STEP 5

Fill and start the system

Check all fittings before switching on the equipment.

1. Fill the tank

The water level must be above all four water connections.

2. Check for leaks

Check each fitting, adaptor and hose connection. Tighten by hand if necessary.

3. Start the system you want to use

The filter pump and the chiller / heater can be started separately because they have separate circulation circuits.

4. Check water circulation

Make sure water is flowing correctly before leaving the equipment running.

READ THE EQUIPMENT MANUALS

Before operating or starting the filter pump or chiller / heater, read the separate manufacturer manuals supplied with the equipment. Follow those instructions for start-up, settings, operation and maintenance.

Water care

Filtration removes dirt and debris, but you also need a sanitising method if you want to keep the same water in the tub for a longer period.

Choose one of the following:

- Chlorine: use chlorine in a floating dispenser and follow the chlorine product instructions for the correct amount.
- Ozone: use the Chillzz ozone generator according to the instructions supplied with the ozone system.

Regularly check the water condition and keep the tub clean.

Ice bath settings

The chiller is normally set to cool to 7 °C by default. To cool to 3 °C, adjust the minimum-temperature setting as follows:

1. Switch off the heat pump

The unit should be off before entering the settings menu.

2. Open the settings

Press and hold the power button for approximately 3 seconds.

3. Select setting 11

Use the up and down arrows to navigate to setting 11.

4. Edit the setting

Press the settings / gear button, then use the down arrow to select the desired minimum temperature.

5. Save

Press the settings / gear button again to save the new value.

Need help?

If you have any problems with the installation or operation, please contact Chillzz Europe.

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