

QETTLE®

CHILLER UNIT



INSTALLATION & USER GUIDE

Introduction

Thank you for purchasing this QETTLE Chiller system. Correctly installed and properly maintained in accordance with the following instructions, it will provide you with reliable service for many years. This guide explains how to install a new water chiller system.

DO NOT ATTEMPT TO INSTALL THIS PRODUCT WITHOUT REFERENCE TO THIS GUIDE. FOR THE PRODUCT TO FUNCTION CORRECTLY IT MUST BE INSTALLED STRICTLY IN ACCORDANCE WITH THESE INSTRUCTIONS.

PARTICULAR ATTENTION MUST BE PAID TO ENSURING THAT THE WATER PRESSURE, WATER FLOW AND ELECTRICAL SUPPLY ARE WITHIN THE STATED PARAMETERS. THE MANUFACTURER RESERVES THE RIGHT TO RECOVER ANY COSTS INCURRED AS A CONSEQUENCE OF INCORRECT INSTALLATION.

Description	Value	Unit
Dimensions	400h x 185w x 330d	mm
Load	2	Amps
Voltage	230	Volts
Power (Compressor)	170	Watts
Min Water Pressure	1.5	Bar
Max Water Pressure	5	Bar
Cooling Time	20	Mins
Recovery Time	15	Mins
Tank Capacity	1.2	Litres
Dispensing Temperature	4-10	°C
Dispensing Capacity at 4 °C - 10 °C	0.9	Litres
Weight	12	Kg
Refrigerant	R-134A	N/A
Decibel Rating	38	dB

Component List

1. Water Chiller (x1)
2. Inlet Hose - Red identification (x1)
3. Outlet Hose - Blue identification (x1)
4. 3/8" Straight JG Push Fit Connector (x1)

Before you Begin

1. Check the mains water pressure. The pressure must not be below 1.5 BAR (22 psi) or above 5 BAR (73 psi), measured during a low demand period – (mid-morning or mid-afternoon).

If the pressure exceeds 5 BAR a pressure reducing valve must be installed in the cold mains supply to protect both the boiler and the water filter housing. A suitable pressure reducing valve can be purchased at www.qettle.com.

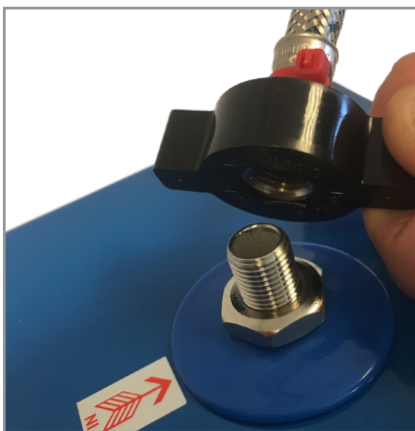
2. The unit must be installed in a frost free environment.
3. Ensure that the cabinet is well ventilated. If in doubt it is advisable to improve the circulation of air by drilling some holes in the top and bottom of the rear panel.
4. Be careful when making the connections to the chiller. Do not be tempted to over-tighten the connections. It is only necessary to firmly hand tighten the nuts using the patented NutRunna® plastic tightening devices provided to make a secure watertight seal.
5. Shut off the mains water supply.
6. Switch off the mains electricity supply at the socket.
7. Covering the chiller will cause it to overheat, affecting its performance and potentially causing it to shut down.
8. Ensure that the chiller is seated on a flat surface, well ventilated and not in direct sunlight.
9. A kitchen base unit not less than 600mm wide, good ventilation within the cabinet to allow cooling of the chiller unit.

Where possible you should provide a vent in the base and one near the top of the cabinet to allow air to flow. You must provide a 75mm air gap on all sides of the cooler unit.

Installing the Chiller

For ease of installation the chiller connections and the flexible hoses are colour coded: **Blue** - Water outlet. **Red** - Water inlet.

1. **IMPORTANT** Do not plug the chiller into the power supply until the installation process has been completed.
2. Remove the protective caps from the two connections on the top of the chiller.
3. Place the chiller in an upright position on a flat surface inside the cabinet with the connections to the top.
4. See below photo — Take the water inlet hose (red indicator) and screw onto chiller inlet (red arrow). Hand tighten using the attached NutRunna® sufficient to make a watertight seal. **Do not overtighten.**
5. See below photo — Take the water outlet hose, (blue indicator) and screw onto chiller outlet (blue arrow). Hand tighten using the attached NutRunna® sufficient to make a watertight seal. **Do not overtighten.**
6. Take the free end of the inlet hose and connect to your Kettle filter system.
7. Take the free end of the outlet hose and connect to your tap inlet using the 3/8" Straight JG Push Fit Connector provided.
8. Turn on the water supply.
9. Operate the chilled water function on your tap for 3 minutes to flush the system.
10. Turn the tap off and check the connections for leaks.
11. Plug the chiller into the mains electricity supply socket.
12. Switch the chiller to the "ON" position. Check the top LED (plug icon) on the chiller's front cover turns green to indicate power is on. The lower LED (mug icon on chiller's cover) will turn red to indicate the chiller is in operation.
13. Allow approximately 20 minutes for the chiller to reach full operating temperature, indicated by the lower LED turning green.



Attaching the water inlet hose (red)



Attaching the water outlet hose (blue)



3/8" — 3/8" Straight JG
Push-Fit Connector

Guarantee

This QETTLE product carries a 2 year warranty against material and manufacturing defects. The warranty will be valid from the date of purchase as shown on the sales invoice. Please keep the invoice for your records. This appliance is intended for domestic use only. The warranty does not apply to products installed outside a domestic environment.

Warranty

What is covered by the QETTLE guarantee?

- The repair or replacement of all or part of your system if your system is found to be defective due to faulty materials or manufacture within 2 years of purchase at QETTLE's discretion.
- If any part is no longer available, or out of manufacture, QETTLE reserve the right to replace it with a suitable alternative.
- Terms and conditions of the QETTLE 2 year guarantee.
- The guarantee is valid for the UK and Republic of Ireland.
- The guarantee becomes effective at the date of purchase or at the date of delivery if this is later. Proof of purchase is required under the terms of the guarantee.
- The guarantee provides benefits in addition to your statutory consumer rights.

QETTLE does not guarantee the repair or replacement of a product that has failed for any of the following reasons:

- Faulty installation, repairs or alterations not in accordance with the installation guide.
- Normal wear and tear.
- Accidental damage or faults caused by negligent use or care; misuse; neglect; careless operation and failure to use the system in accordance with the QETTLE operating guidelines.
- Failures of, or failures caused by, parts not supplied with the QETTLE system.

DECLARATION OF CONFORMITY



The QETTLE chiller is compliant in accordance with the following directives: 2006/95/EC Low Voltage Directive 2011/65/EU RoHS Directive 2009/125/EC Eco Design Directive Protection Level: IP20 The QETTLE chiller conforms to the requirements of the relevant EU guidelines. The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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