

Franke Triflow with Chiller

Introduction and Installation Guide

Congratulations on the purchase of your Franke Triflow Chiller.

Correctly installed and with sensible care, it will give many years of trouble free service.

Contents

- 1 x Kettle Lead with 3 Amp Fuse
- 1 x Green Triflow Tube (part no. 284033)
- 2 x John Guest Adapter - 5/16" to 1/4" (Part no. 039003)
- 2 x John Guest Locking Adapter, right angled - 5/16" to 5/16" (Part no. 039013)
- 1 x Chiller Unit

Installation

(Please refer to Diagram 1)

This chiller is only intended for use with a Franke Triflow water purification system.

IMPORTANT NOTICE

When installing the Chiller unit into a kitchen cabinet you must provide for the following:

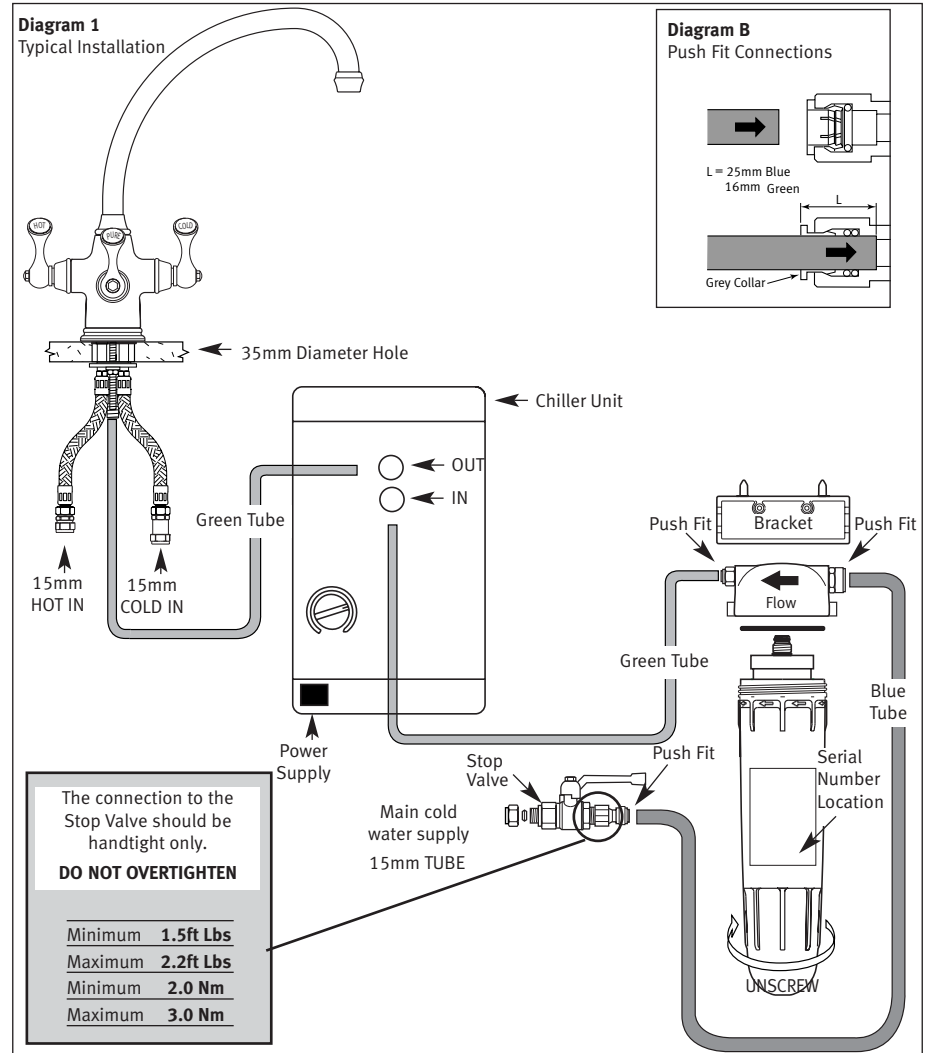
- **Maximum water pressure at inlet 5 bar.**
- **A kitchen base unit not less than 800mm wide, good ventilation within the cabinet to allow cooling of the chiller unit. Where possible you should provide a vent in the base and one near the top of the cabinet to allow air to flow.**
- **You must provide a 75mm air gap on all sides of the chiller unit.**
- **The chiller must not under any circumstances be covered.**

Failure to provide the above will affect the performance of this product and could cause the unit to overheat.

The water should always flow through the system as follows:

Triflow Filter Housing System → Chiller → Tap

- 1) Shut off mains water supply to the Triflow purifier, a stop valve is part of the system and is located on the adjacent pipework.
- 2) Turn the pure water lever/dial on your tap to the ON position. This will release the pressure from your system.



- 3) Conveniently position a suitable receptacle to catch residual water and remove the green tube from the grey push-fit connector on the housing cap. To do this, use your thumb and forefinger to hold in the collar on the connector, while gently pulling the tube out.
- 4) Ensure that the chiller unit is seated on a flat surface, well ventilated and not in direct sunlight. Connect the green tube now removed from the housing cap to the OUTLET of the chiller - please push the tube fully home to ensure a water tight connection
- 5) Now use the green tube supplied with the chiller to connect the Triflow filter housing outlet to the INLET of the chiller.
- 6) Once all connections are made, turn on the stop valve to let water through the entire system. Then turn off the pure water on the tap and ensure all joints are watertight.
- 7) **Ensure that the surrounding area is free from any water spilt during the process of installation before connecting the chiller to the mains electricity.**

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Technical Specification

Refrigeration Capacity:

Water Temperature	21°C	26°C	32°C
Gallons of chilled water @ 50°F delivered per hour	7	5	3.7
Number of servings (8floz) available per hour	110	80	60

The above values can vary according to the positioning of unit ie. area of low ventilation or direct sunlight. Above data can alter significantly under excessive use.

Temperature of inlet water	22°C	15.5°C
Temperature of outlet water	5-11.5°C	5-11.5°C
Hourly production of chilled water between 41-53°F	1.8 Litres	2.7 Litres

Tests carried out on a continuous draw of water.

If used normally (filling a glass at a time), the production of chilled water would increase by 50-60%.

Based on these tests the Chiller (filling a glass at a time), will chill one gallon of water per hour.

Installation:

Easy and fast connection to Triflow by John Guest Fittings

Pressure:

Maximum pressure at inlet 5 bar.

Thermostat:

The Water temperature can be regulated by a thermostat situated on the unit.

Refrigeration System:

The non-ventilated condenser method of construction provides a significant saving in electrical energy without sacrificing the efficiency of the cooling unit.

Maintenance:

Since the compressor is airtight, permanently lubricated, and protected by an automatically re-engaging motor cut-out the cooling unit is maintenance free. To minimise the risk of leakage of refrigerant gas, the unit is completely sealed by welding.

Refrigerant Gas:

28 Grams of HCF 134a. This offers a zero ODP (Ozone Depletion Potential).

Waterways:

Stainless steel.

Refrigeration Chamber:

Stainless steel 1.2 Litres capacity.

Electrical Requirements:

230V, 50Hz Consumption 110W.

Electrical Unit:

Accurately tested to ensure maximum safety. The unit is CE marked at testing, conforming to European Standards

Dimensions:

345mm High x 180mm wide x 295mm deep.

Weight:

9.1kg

Automatic safety system:

If the temperature of the condenser unit rises too high the temperature overload protection switch will operate, switching the chiller off. The chiller will automatically switch back on when the temperature drops.

If the chiller is switched off and then on again a few seconds later, the automatic safety system will operate turning the chiller off.

To restart the chiller, switch it off at the mains or the temperature control dial on the front of the unit and wait 10 minutes before switching back on.

Guarantee

Your Franke Triflow Chiller has been manufactured to the high standard you would expect of any Franke product.

This product is guaranteed for a period of 12 months to be free from defects in material and workmanship, provided it is installed correctly in accordance with these installation instructions.