

CULLIGAN TOUCH® F

Mains-Fed Tabletop Water Cooler



Technical Manual

Rev. 01 – 03/2025



Warnings

Before using this machine, please read this manual. Please follow the instructions for proper operation and to prevent risk and damage. This manual is part of the product. It contains important information on safety as well as the installation, use and disposal of the product.

Use grounded power socket with correct voltage.

To reduce risk of injury and property damage, user must read this entire guide before installing and using this dispenser. Failure to execute the instructions in this manual may result in personal injury or damage to property. When operating this dispenser always exercise basic safety precautions including the following:

Prior to use, this dispenser must be installed in accordance with this manual.

This water dispenser is intended for the treatment of drinking water supplied only from the water supply network. Do not use microbiologically unsafe water or water of unknown quality. Do NOT use other liquids. Never use any liquid in the dispenser other than known and microbiologically safe.

Do not use if plug or cable are damaged.

If the power cord is damaged, it must be replaced by the manufacturer, its maintenance department or similar professionals to avoid danger.

Never unplug by pulling power cable, always hold the plug.

To protect against electric shock, do not immerse plug or cable in water or any other liquid. Do not operate with wet hands.

Do not install the unit close of sources of ignition.

Any malfunction of the systems must be promptly reported to the Culligan Customer Service, immediately discontinuing use of the system.

Culligan is not responsible for the consequences of continued use of a system that has shown anomalies.

Do not switch on the hot water system without water in the hot water tank.

This appliance is not intended to be used by individuals (including children) with reduced physical, sensory or mental capabilities, or who lack experience and knowledge, unless they are under supervision or have been instructed to use the appliance by an individual responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Never leave the product unattended when children and/or animals are around. The product may be put out of balance and may fall, hurt or in worst case even cause fatal injuries.

Mount the product on a surface that meets the minimum requirements for stability. Do not place the system on top of other appliances.



NOTE: *The manufacturer reserves the right to modify or update the content of this technical documentation to reflect ongoing research and development, without prior notice.*

Warnings during installation

- Ensure all Local, State, and Federal Laws and Codes including health and safety guidelines are met when installing Culligan Equipment. Only qualified service technicians should attempt installation and service of Culligan Equipment.
- The product can be installed in the following places: indoor environment.
- Do not place objects on the water dispenser.
- The installation must be carried out by qualified personnel, and with the best state of the art in compliance with what is reported in the technical manual.
- Do not place the dispenser on other objects.
- Installation in outdoor environments exposed to rain or snow is prohibited. Check all relevant parameters (ambient temperature, electricity, water mains pressure) before installation, making sure that all parameters are in line with the technical requirements of the product and in line with the applicable local regulations.
- The machine is not suitable for installation where there are jets of water for cleaning.
- Do not place the machine near sources of heat, flames or the like and damp surfaces
- The dispenser must be placed on a flat, level and dry surface
- Maximum temperature of the installation environment 32 °C.

The area chosen for installation must be dry and ventilated, with the equipment placed away from heat sources.



WARNING: *during handling or maintenance, always keep the machine in a vertical position. The machine can only be tilted to the rear. Do not tilt or lay the machine on its right, left or front side. This operation could compromise the operation of the compressor.*



WARNING ELECTRICAL SHOCK HAZARD. *Always unplug (isolate from power supply) to prevent electrical shock except where electrical tests are specified.*



WARNING IMPROPER SUPPLY OR CONNECTION CAN RESULT IN RISK OF SHOCK. *Connect to a 13 amp 220V-240V 50/60Hz properly earthed outlet. Ensure polarity is correct and always use a 3-prong outlet. Consult a qualified electrician if you have any questions.*



WARNING USE ONLY Culligan SUPPLIED POWER CORD. *Locate system within 1m of power supply. Never use an extension cord or adapter. Do not use a damaged power cord or plug. Keep power cord out of heavy traffic areas and away from heat sources. Do not, under any circumstances, remove ground prong or alter the power cord. Never pull the power plug from the outlet with a wet hand or allow the plug to get wet.*



WARNING USE A WATER PRESSURE REGULATOR. *Culligan will not be responsible for injury or damage caused by excessive water pressure. Operating pressure must be 2 Bar to 3Bar (29 psi to 43.5 psi).*



WARNING USE UV STABILIZED SUPPLY LINES. *Feed the unit with a potable ambient or cold water supply only. Feed water over 38°C (100°F) can damage the treatment components. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections as possible.*



WARNING STORE UNIT EMPTY. ALWAYS SANITIZE BEFORE USE. *The unit must be completely drained and sealed before storing to avoid stagnation and reduce microbiological contamination (potential bacterial growth). You have to sanitize before use to eliminate any potential microbiological contaminants.*

Environmental characteristics

The intended operating environment must have the following characteristics:

- Temperature: +16 / + 32°C
- Maximum relative humidity: 50%

The dispenser cannot be used in open areas and/ or exposed to atmospheric agents, or places with corrosive and/or abrasive powders, vapors or fumes, with risk of fire or explosion, and, in any case, where the use of explosion-proof components is prescribed.

Never exposed to direct sunlight, heat sources, or ambient air temperature above 32°C (90°F) or below 16°C (61°F). Install indoors and keep unit away from excessive humidity. Never expose to freezing temperatures. Ensure there is adequate clearance around the unit to allow refrigeration system condenser to dissipate heat. Warmer environments require more clearance around the unit. Minimum clearance around all surfaces of the machine is 15 cm. Installs where the ambient temperature exceeds 25°C (80°F), require a minimum of 15 cm clearance for proper heat dissipation and efficient operation.



ATTENTION: *if environmental conditions other than those prescribed are encountered during installation, or if they undergo variations over time, the Culligan Assistance Centre must be contacted immediately before using the dispenser for the necessary checks.*

Please look at the technical specifications and operating limits at the Description of the Unit Chapter to ensure that the location where the unit will be installed fulfills the installation requirements in terms of environmental temperature, mains pressure among other operation requirements.

Information on the natural, eco-friendly refrigerant gas used in this cooler

This product contains no CFCs or HFCs, which contribute to global warming. The refrigerating system is filled with HC R600a – Butane: a natural gas that does not contribute to global warming and that, thanks to its specific characteristics, allows for substantial energy savings to be made.



ATTENTION: *R600a is flammable gas, do not damage the refrigeration circuit. If damage occurs, keep away from sources of ignition, ventilate area and call service provider*

Electrical safety

This water cooler is designed, manufactured and marketed in compliance with:

- DIRECTIVE 2014/30/EU of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.
Published on 29/3/2014 at Official Journal of the European Union.
- DIRECTIVE 2014/35/EU of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.
Published on 29/3/2014 at Official Journal of the European Union.

- DIRECTIVE 2011/65/EU of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
Published on 1/7/2011 at Official Journal of the European Union.

The electrical safety of the product is ensured only when it is properly connected to an efficient, legally compliant grounding circuit.

Safety Warnings

This manual contains sections regarding safety conditions, preceded by specific words:



NOTE: *This word is used to indicate information deemed important regarding installation, operation and maintenance of the system.*



WARNING: *This word is used to indicate a hazard which, if ignored, could cause injury, or damage to the premises and people.*

Instructions to take into account

Read and understand this manual and its safety instructions before using this product. Failure to do so can result in serious injury or death.

Follow all the instructions. This will avoid fire, explosions, electric shocks or other hazards that may result in damage to property and/or severe or fatal injuries.

Obtaining Documentation and Information

The latest version of the User Manual and Technical Manual can be accessed and downloaded by scanning the QR code below, or visiting our support website: **technical.culligan.eu**



If you are reading product documentation on the internet, any comments can be sent to Culligan customer service. Contact details are available on the support website.

Serial number

Every machine has a serial number which is located on a sticker on the back of the machine.



NOTE: *Do not remove or damage the serial numbers. These must be provided upon request for guarantees, repairs or replacements.*

This publication is based on information available at the time of printing. Subsequent updates may give rise to modifications and changes not stated in this publication.

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Introduction

Before installing the product

Congratulations for choosing a Culligan product. We have designed and manufactured this product with great care to ensure that it will dispense drinking water of the highest quality. In order to get the most out of your water cooler, please read the instructions in this manual and retain the manual for future reference.

The product shall only be used according to the instructions as described in this manual. All use other than described in this manual is seen as unintended use.

The product shall be used with original accessories and original components.

Before any handling, installation, ordinary and extraordinary maintenance of the systems, close the water supply tap and turn off the On/Off switch. Reconnect the hydraulic and electrical system to conclude the maintenance and the functional check.

Please look at the technical specifications and operating limits at the Description of the Unit Chapter to ensure that the location where the unit will be installed fulfills the installation requirements in terms of environmental temperature, mains pressure among other operation requirements.

It is important to emphasize that, in the case of direct sale and/or rental of dispensing systems intended for providing drinking water in public establishments and/or premises subject to HACCP, the direct and indirect responsibility for the dispensing of water (food safety) lies with the purchasing user in the role of FBO (Food Business Operator), as required by Regulation EC 852/04 on hygiene and food safety self-control.

Finally, we recommend verifying with the competent local authorities (ATS/AUSL/ASL) any mandatory requirements related to the drinking water dispensing equipment installed on the water supply networks.

Intended use

These water dispensers coolers were designed to provide large quantities of ambient, cold and hot water.

They are easy to use and manufactured using top quality materials, offering the utmost hygiene and ease of maintenance.

This equipment is intended to dispense drinking water that complies with the local and European applicable Drinking water Regulations. It is intended for community centers, cafeterias, restaurants, hotels and bars, offering a valid alternative to water in bottles. The appliance is not suitable for use in open places.

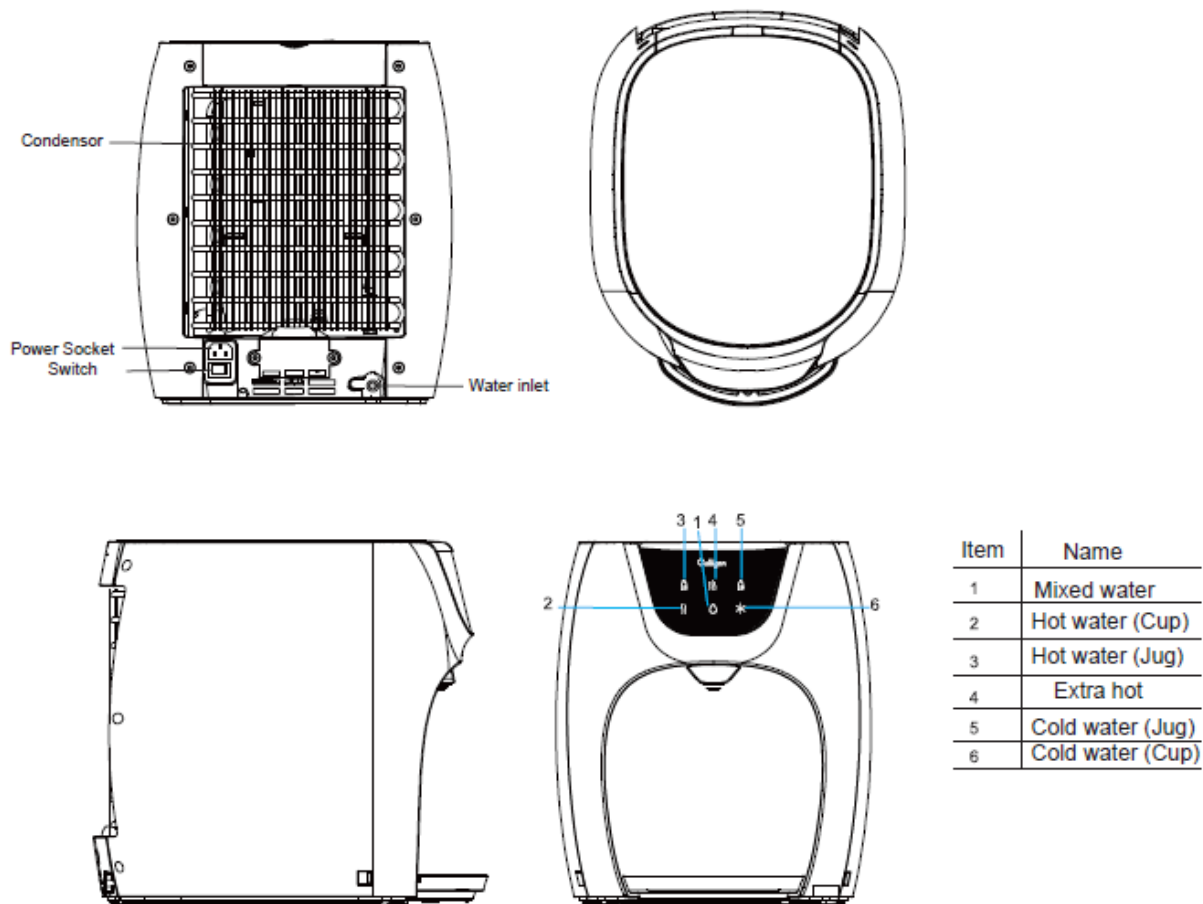
Description of the unit

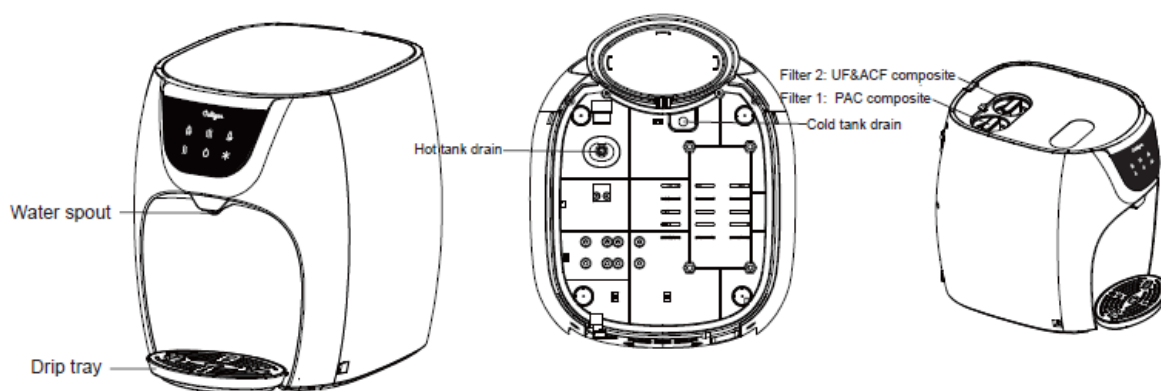
Culligan Touch F is a water dispenser designed for the delivery of food-grade filtered still water, hot, extra hot, chilled or mixed temperature, combined with the Culligan filtration system.

The filtration system has been designed to resolve the common problems of water quality, ensuring the elimination of all traces of impurities, as well as of unpleasant odors and flavors caused specifically by the presence of chlorine. The operating limits and the filter specifications are shown on the technical data sheet supplied with the filtration manufacturer.

Culligan Touch F

Technical specifications and operating limits





CULLIGAN TOUCH F

Single-phase supply voltage +/- 10%	220-240V~ 50/60Hz
Max electrical consumption	880W - 4.5A
Ambient running temperature	16 – 32 °C
Refrigerant gas	R600a
Ventilated air condenser	YES
Temperature Min – Max *	5 – 12 °C
Operating pressure	2.5 – 3.5 bar
Cooling capacity	2.5Lt/h
Net weight	11.2 Kg
Gross weight	12.2 Kg
Dispenser dimensions WxDxH (mm)	308x385x353
Packaging dimensions WxDxH (mm)	350x410x430
Warehouse storage temperature	Min 2 °C – Max 40 °C

* rated at a room temp. of 25°C and inlet water temp. of 20°C



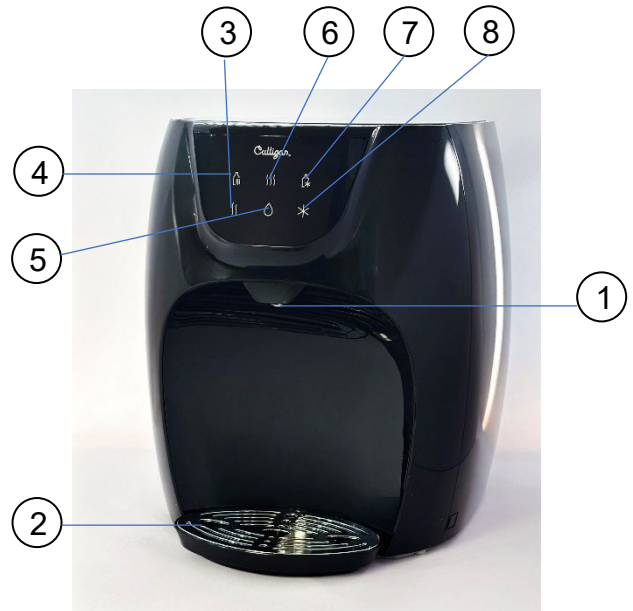
NOTE: The flow rate in litres/hour relates to the refrigerant capacity. The instant flow rate at the dispensing tap is around 2,7 litres/minute.

Culligan Touch F

A compact system that is made of stainless steel. The cooling technology is a compressor cooling. The appliance is equipped with supply buttons offering the three types of water: cold water, ambient and hot water

Front view

No	Description
1	Cold water dispensing nozzle
2	Drip tray
3	Hot water (cup)
4	Hot water (jug)
5	Mixed water
6	Extra Hot
7	Cold water (jug)
8	Cold water (cup)



Rear view

No	Description
1	Condenser
2	Drinkable water inlet pipe joint Ø 6mm
3	IEC power cord plug
4	Hot power button



Functions

Using the mechanical buttons positioned on the front of the machine, it is possible to supply the four types of water indicated by the buttons: hot, extra hot, cold and mix water.

When the appliance starts cooling, the  light is blue. The  light is white when ready to dispense cold water.

When the appliance starts to heat up, the  light is red. When the heating process is completed, the  light is white when ready to dispense hot water.

When the extra-hot water mode is activated, the  light is red. When the heating process is completed, the  light is white. If hot water is available, the  light is white.

Operation:

Cold water

Press  to dispense a glass (200ml) of cold water. Press  to dispense a jug (1 litre) of cold water.

Cold water will take approximately 40 minutes to reach temperature.

Hot water with child safety feature

To dispense a cup (200ml) of hot water, press  and hold for 3 seconds.

To dispense a jug (1 litre) of hot water, press  and hold for 3 seconds.

Hot water will take approximately 5 minutes to reach temperature.

To activate / deactivate the child safety function press  and  simultaneously.

Extra-hot water with child safety feature

For extra-hot water press  the light will change to red and the additional heating will begin. As soon as the hot water reaches the set temperature, the heating will stop and the  light will change to white. You can then dispense a cup or jug of extra- hot water by using or  button and hold for 3 seconds.

Ambient water with child safety feature

To dispense 200ml of ambient water press  and hold for 3 seconds.

Ambient water is a mix of hot and cold water. First cold water will be dispensed, then hot water. The hot water will begin to dispense 1 second before the cold water stops.

Instructions for the technician

Warnings in case of maintenance work

- The only external interventions that can be carried out by technicians are those on the parts included in the Spare Parts List. All other operations must be done by sending in the product for more specific maintenance.
- Never use the first glass of water dispensed after the night break or after a break of at least 10 hours. Always dispense and discard at least one glass of water for each type of water that can be dispensed, before drinking it.
- Keep out of the reach of children or people who have not received instructions regarding the warnings or correct use.
- Use the system in a well-ventilated area.
- During use, the system must remain upright. Otherwise, it may not work properly.
- In case of freezing, unplug to disconnect the power supply and wait for the machine to defrost before switching the power on again.

Safety devices

This product has several safety devices to ensure the end user's safety:

- Hot water temperature overheat device.
- 2-step hot water dispense function. Push 3 seconds on hot water (cup or jug) before the hot water is dispensed.

Packaging and checks

It is delivered in a cardboard box and protective plastic film. When handling the box, always maintain the arrow pointing upwards.

The packaging must be intact on arrival:

- There must be no signs of impact or breakage
- There must be no signs that it has been exposed to heat, frost, water, etc.
- There must be no signs of tampering

Any deformation indicates impacts during transport, which could compromise normal operation of the machine.

Machine and equipment check

The machine, its main body, accessories and, more generally, the equipment, must be in perfect condition.

The supply undergoes a careful inspection procedure before shipment; however, it is always advisable to check that it is complete and intact upon receipt of the material.

Make sure:

- The shipping details match the content of the accompanying documentation.
- The technical legal documentation supplied with the machine includes the corresponding instruction manual.



ATTENTION: *In case of defects and/or missing material, notify Culligan immediately and follow the instructions before commissioning the system.*



ATTENTION: *keep the packing materials for any future shipment of the equipment to the Service Centres.*

Product identification data

The data plate on the back of the machine has the machine identification data.

The data plate specifies:

- Model, serial number, power supply voltage (V), frequency (Hz), absorption of the refrigerant part (A) and the climatic class;
- The type of refrigerant and quantity in grams;
- The country of origin;
- The CE conformity.



ATTENTION: *The removal or any damage to the label identifying the product voids the warranty. The label is the only means of identifying the product, therefore it must remain intact.*

The recipients of this publication can be identified as follows:

- Qualified technicians or operators directly involved in the transport, storage, installation, routine and extraordinary maintenance of the machine, from its placing on the market to the day of scrapping.

The original text of this publication, written in English, is the only reference for settling any interpretative disputes regarding the translations of EU languages.

This publication is an integral part of the machine and gives all the instructions for installation and maintenance. Any use of the equipment not covered by this manual is deemed improper use. If some instructions or procedures are not clear, please contact the Culligan Service Centre.

This manual must be kept for future reference until final dismantling or scrapping of the machine.

Customer's Water Connection



WARNING: To connect the water cooler to the mains water supply, you will need to use a new set of connectors (joints, gaskets and pipes).

Do not use a set of connectors that has already been used elsewhere.

The water pressure entering the unit must be between a minimum of 2,0 bar (0.20 MPa) and a maximum of 3 bar (0.30 MPa).

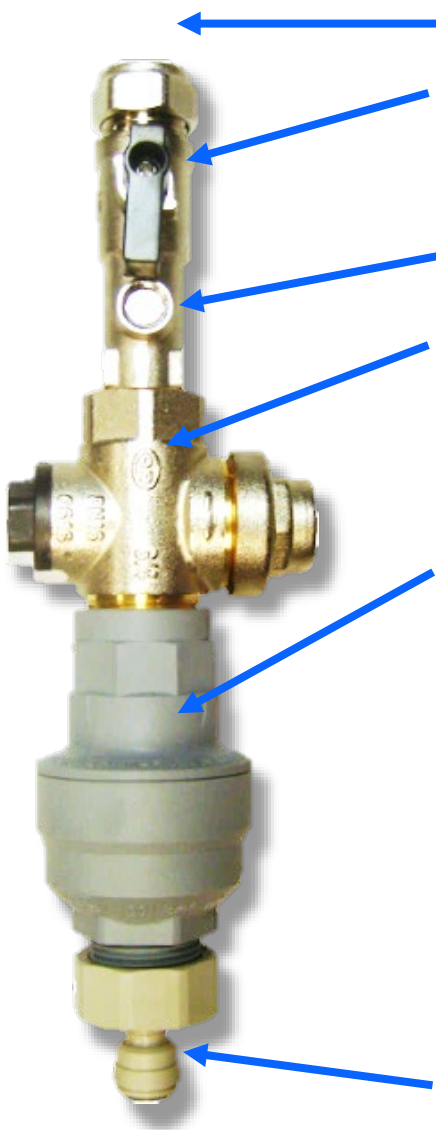
Installation Rail



WARNING! ALWAYS USE INSTALL RAIL. It is required to use an installation rail for the installation of any Culligan Water Treatment System. Failure to use an installation rail can result in damage due to excessive pressures over a prolonged period of time and no additional leak protection. Please check local water bylaws, in some countries an installation rail is a legal requirement. The install rail is not provided with the equipment, but mandatory.

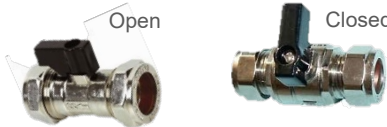


NOTE ALWAYS INSTALL VERTICALLY. Do not install installation rail horizontally as this will affect the performance of the water block.



Water inlet – 15mm compression fitting

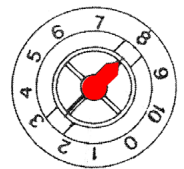
Isolation valve EN1717 certified – Quarter turn to isolate.



Double check valve – only allows water to flow one way, no adjustment needed.

Pressure Reducing Valve – Reduces the pressure from any high pressure down to 3bar +/- 0.5bar. The pressure reducing valve is an essential part of the installation rail and ensures that the Culligan Water Treatment System is not exposed to high pressures over a prolonged period of time.

Water block – The water block will shut the flow of water in the event that a leak has taken place. This works by measuring the velocity of water and shutting off water flow. Adjustment and reset can be made by pressing or turning the red dial located on the front face of the water block.



Adjustment Settings: 1.3 to 13.2 gallons(6-60Litres)

*Note Every notch increases the set volume by 1.5 +/- gallons (5 +/- litres)

Pressure Requirements: 10 - 125 PSI (0.7 - 8.6 bar)

Ambient Temperature: 35 - 140°F (2 - 60°C)

Fluid Temperature: 35 - 158°F (2 - 70°C)

Flow Rate: 0.53 - 7.9 GPM (2 - 30 Lpm)

Resistance to Bursting: 725.19 PSI at 77°F (>50 bar at 25°C)

¾" to ¼" adaptor (John Guest) – Allows the connection of ¼" PE pipework from the install rail to the bulkhead of the machine.



NOTE To facilitate the connection of sanitization cartridge, it is recommended to install a minimum of 1 closing valve on the piping system between the installation rail and the water inlet of the unit.

Culligan water treatment filters

These filters have been designed to resolve common water-quality problems by eliminating traces of impurities, as well as unpleasant odours and flavours caused by the presence of chlorine.

Please refer to the Culligan water treatment filters technical data sheet and instructions of its installation maintenance, use and replacement frequencies for better performance of the water treatments. Not provided with the equipment.

Volumetric counter

At every maintenance or change of filters you must read and record the volume of water that has passed through the system.

Customer's Electrical connection



WARNING: The connections must comply with local regulations. The grounding of the unit is a legal requirement.

The dispenser complies with the current EU safety regulations and therefore has CE marking.

Culligan declines any liability for injury or damage due to a connection to a power grid not complying with the laws and regulations in force in the country of installation. In particular, the electric line to which the dispenser is connected must be equipped with a high sensitivity differential switch (cutout switch), with tripping current not exceeding 30mA, and a grounding system in accordance with the current regulations and legislation.

In any case, make sure the power grid characteristics satisfy those of the dispenser, given on the technical data sheet.



WARNING: *Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.*

Pre-Assembly instructions

- Prepare the water supply point.
- Install the T-piece with sampling tap.
- Install the water rail and a flow meter if required. Please note that the flow meter is not supplied by the equipment manufacturer but must be installed to the hydraulic system in some markets.
- Install a closing valve to facilitate maintenance operations after the T-piece or after the flow meter on those markets where the flow meter is required.
- After the closing valve install the water dispenser where the water treatment are inside or the treatment following filter manufacturer's technical data sheet.



WARNING: Never flush the Carbon of a new filter directly to the unit connection. Always discharge flushing water coming from a new filter in a separate bucket. You must discharge the volume of water indicated by the filter manufacturer before the filter exit is installed into the inlet fitting of the unit.

- Continue with the hydraulic connection to the inlet fitting IN/H₂O of Culligan Touch UV.

Installation



NOTE: *Installation and connection must be performed by a Culligan technician. It is prohibited for the end user to access the service area inside of the machine.*

Before any handling, installation, ordinary and extraordinary maintenance of the systems, close the water supply tap and turn off the On/Off switch. Reconnect the hydraulic and electrical system to conclude the maintenance and the functional check.

Please look at the technical specifications and operating limits at the Description of the Unit Chapter to ensure that the location where the unit will be installed fulfills the installation requirements in terms of environmental temperature, mains pressure among other operation requirements.

Operating limits and filter specifications can be found in the data sheet and/or labels supplied with the filtration system.



Upstream of the Culligan equipment, in order to analytically verify the quality of the tap water, a stainless steel sample point with a tap is installed, from which the water can be sampled after sterilization. During the initial installation, it is important to evaluate the quality of the water both in terms of microbiological and chemical-physical aspects, as per local drinking water Regulation.

The filtration system is designed to solve the more common problems of water quality to ensure the elimination of all traces of impurities, as well as unpleasant odours and flavours caused in particular by the presence of chlorine.

Unpacking

In operations of handling, installation, ordinary and extraordinary maintenance of the systems it is mandatory to use the PPE required by Culligan.

Site the unit away from sources of heat. Do not place on inclined surfaces.

Leave at least 15 cm around the unit to allow for aeration. Make openings for air circulation in the space within which the unit is installed in order to guarantee the best possible performance of the system and to avoid exceeding the maximum room temperature at which the unit can function properly.



WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.



WARNING: When positioning the appliance, make sure the power cord is not trapped or damaged.



WARNING: Flammable material. The appliance contains flammable refrigerant gas.

Remove the machine from the box and remove the internal packaging. After unpacking the appliance, make sure it is not damaged. Any damage must be reported to the retailer as soon as possible after the delivery date of the product. If the machine has traveled in a horizontal or inclined position it is necessary to wait at least 8 hours before putting it into operation, to allow the refrigerant circuit to be perfectly efficient.

Make sure that installation and electrical connection are carried out by a qualified technician according to the manufacturer's instructions and in compliance with local safety regulations.



ATTENTION: *the end user is prohibited from accessing the internal service areas of the machine. This operation is reserved for technical personnel only.*

Positioning

Culligan Touch F can be positioned and installed as a Table Top version.



NOTE: *The installation of the equipment is only possible in indoor environments and protected from possible external water jets.*

The dispenser must be placed on a horizontal, level and stable surface, suitable for supporting its weight including water (gross weight, see the data and technical characteristics section). The positioning of the regulator must in any case allow for sufficient ventilation.



WARNING: *leave 15 cm of free space at the sides, top and back. To this end, the dispenser must not be placed near direct or indirect heat sources (e.g. ovens, radiators, stoves, coffee machines, ovens, dishwashers, etc.).*

The area chosen for the installation of Culligan Touch F must be dry and well ventilated, and the equipment positioned away from any source of heat.

Culligan Touch F must also be perfectly perpendicular to the support surface and completely stable, making sure to leave at least 15 cm free space at the back and sides. Check that the area chosen for installation of the machine is a suitable, hygienic position.

After installation of the machine and its accessories it is necessary to sanitize the system before commissioning it (see sanitizing chapter).

Culligan declines any liability for injury or damage due to a connection to a power grid not complying with the laws and regulations in force in the country of installation. In particular, the electric line to which the dispenser is connected must be equipped with a high sensitivity differential switch (cutout switch), with tripping current not exceeding 30mA, and a grounding system in accordance with the current regulations and legislation.

In any case, make sure the power grid characteristics satisfy those of the dispenser, given on the technical data sheet.

The place where the equipment is installed must be free of corrosive/explosive gases and powders.



WARNING: If the dispenser has been placed in a position other than vertical during transport or installation, it will be necessary, after placing it in the right position, to wait at least 8 hours before starting it.

Installing and Replacing Filters

Installing New filters. Flushing operation.



WARNING: Never flush the Carbon of a new filter directly to the unit connection. Always discharge flushing water coming from a new filter in a separate bucket. You must discharge the volume of water indicated by the filter manufacturer before the filter exit is installed into the inlet fitting of the unit.

- 1 Connect the additional filter housing that was supplied with the water dispenser to the water supply pipe.
2. Place the filter housing over the sink and assemble filter #1 in the filter housing.



3. Open the water supply, and dispense at least 8 liters of water to flush the filter. Close the water supply, disconnect the filter and place it next to the water dispenser.
4. Connect filter no. 2 to the filter housing and dispense at least 8 liters of water to flush the filter. Close the water supply, disconnect the filter and place it next to the water dispenser.
5. Disconnect the filter housing from the feed pipe, dry it well and save it for the next time you need to change the filters.
6. Connect the feed pipe to the water dispenser.
7. Open the cover of the filter house at the top of the water dispenser.
8. Insert the new and flushed filters into the filter housing. Filter #1 on the left side of the filter housing and filter #2 on the right side of the filter housing.
9. Turn half a turn clockwise, by hand only, until the filters lock.
10. Close the cover of the filter housing.

Replacing filters



WARNING: Never flush the Carbon of a new filter directly to the unit connection. Always discharge flushing water coming from a new filter in a separate bucket. You must discharge the volume of water indicated by the filter manufacturer before the filter exit is installed into the inlet fitting of the unit.

1. Close the Isolation valve of the water dispenser. After closing the Isolation valve press the cold-water cup or jug switch. No water dispenses out, but this action allowed the water pressure in the machine to be released.
2. Open the cover of the filter house at the top of the water dispenser.
3. Turn the filters half a turn counterclockwise until they are released.
4. Pull up the used filters and dispose of them in the designated place. Do not reuse used filters.
5. Connect the additional filter housing that was supplied with the water dispenser to the water supply pipe.
6. Place the filter housing over the sink and assemble filter #1 in the filter housing.
7. Open the Isolation valve, and dispense at least 8 liters of water to flush the filter. Close the water supply, disconnect the filter and place it next to the water dispenser.
8. Connect filter no. 2 to the filter housing and dispense at least 8 liters of water to flush the filter. Close the Isolation valve, disconnect the filter and place it next to the water dispenser.
9. Disconnect the filter housing from the feed pipe, dry it well and save it for the next time you need to change filters.
10. Connect the feed pipe to the water dispenser.
11. Insert new and flushed filters into the filter housing. Filter #1 on the left side of the filter housing and filter #2 on the right side of the filter housing.
12. Turn half a turn clockwise, by hand only, until the filters lock.
13. Close the cover of the filter housing.



Maintenance



ATTENTION: *this equipment requires regular maintenance in order to guarantee the potability requirements of the treated water and the maintenance of the work and quality standards declared by the manufacturer.*

Important

- For reasons of safety and compliance with the regulations, repairs and maintenance must only be carried out by a qualified technician or at a Culligan Service Centre.
- In case of malfunction, do not manipulate or tamper with the internal parts of the distributor. Contact the Culligan Service Centre.
- In case of a fault, disconnect the power and contact the Culligan Service Centre.
- Interventions not specified in this manual must only be carried out by specialized personnel or Culligan Service Centre.
- Lack of maintenance can result in breakage or deterioration of the pipes, even causing bacterial growth.
- No responsibility is assumed for interventions not covered by this manual. In case of such interventions, the warranty may be revoked. Interventions that may be necessary and not specifically indicated in the manual can only be carried out by the Culligan Service Centre.



ATTENTION: *All maintenance operations must be carried out with the dispenser turned off and the water feed and power disconnected. Make sure to unplug the equipment. Interventions on the dispenser that are unauthorized and/or performed by unqualified personnel during the warranty period will automatically void the warranty.*

- There are a few practical guidelines to keep the Culligan Touch dispenser efficient.
- The following activities are to be carried out daily by the Food Safety Operator from where the unit is installed:

Empty and clean the drip tray. Sanitize the dispensing spouts daily by spraying the product (e.g., Cleaning Safe) as instructed in the dedicated section.



ATTENTION: The scheduled routine maintenance will be carried out by the Culligan Service Centre or an authorized Culligan Centre. As a general rule, this operation should be performed at least once a year.

Different services may be required based on operating conditions. For example, raw water with high sediment, chlorine, turbidity, or hardness may require more frequent servicing.



NOTE: For daily cleaning of the system, only use a disposable paper cloth and a sanitizing detergent for food use. Do not use cloths or sponges already used for other household cleaning, even if they are food-grade. Used sponges, cloths, or unwashed hands can cause contamination of the dispensing spouts of the system and compromise the quality of the dispensed water.

In case of prolonged periods of non-use of the system, contact the Culligan Service Centre, which will perform a general check and sanitize the system before putting it back into operation.

Sanitization (by Culligan Technician only)

After installing the cooler and, any other accessories and before commissioning and before installing the filters, it is necessary to sanitize the system.

On the periodic replacement of Culligan Carbon Block cartridges, the Culligan technician will verify and, if necessary, provide a sanitation service to all parts of the internal hydraulic circuit.

Do not use harsh chemicals or products that are not certified for use with food products.

We recommend using the designated Culligan Sanitisation products to clean the installation and internal water circuits with mains water at room temperature.

First time installation

Water cooler with internal filters

1. Close the water inlet
2. Remove the filters from the water cooler.
3. Flush the filters separately following the “Installing New filters. Flushing operation.” instructions.
4. Open the water inlet.
5. Plug the unit into the electricity network.
6. Flush 14L of water on the cold water system, 14L for the hot water system and 3L from the mix water system
7. Switch on the hot water plug at the rear of the unit.

Water cooler without internal filters

1. Open the water inlet.
2. Plug the unit into the electricity network.
3. Flush 14L of water on the cold water system, 14L for the hot water system and 3L from the mix water system.
4. Switch on the hot water plug at the rear of the unit.

Materials needed for sanitation

1. Disposable gloves and protection eyewear
2. Sanitisation kit containing 2 empty filters and a sanitization cartridge.
3. A bucket (minimum of a volume of 3 litres).
4. Paper towel.
5. Detergent certified for use with food.
6. Test Strips for measuring sanitizer levels

Procedure:



NOTE: The sanitation kit contains two empty filters that must be installed in the water dispenser in the place designated for filters, in order to allow the flow of water in the water dispenser.

The sanitation kit also contains an empty sanitisation cartridge with a screw head.

Sanitisation procedure:

1. Close the water inlet
2. Switch off the hot water system by switching off button at the rear of the unit.
3. Exchange the exhausted filters with the empty housing filters
4. Pour 100 ml of Culligan Sanitisation liquid into an external empty cartridge.
5. Install the empty cylinder with the sani product inside at the entry of the unit connecting the cartridge on one side to the water feed tube, and on the other side via the feed tube to the water inlet point of the water dispenser.



NOTE: the direction of the water flow should be in the direction of the arrow marked on the cartridge

6. Open the water inlet
7. Connect the machine to the electricity and dispense:
 - 2 liters of water of cold water system.
 - 2 liters of water of Hot water system.



WARNING: This water maybe hot.

8. Wait for 10 minutes for the cleaning agent to work.
9. Close the water inlet
10. Disconnect the unit from electricity
11. Meanwhile:
 - a. Remove the sanitization cartridge from the inlet pipe. To do it use the bucket underneath to avoid any leakage.
 - b. Unscrew and wash the cartridge thoroughly, dry it and save it for next sanitization.
 - c. Connect the water pipe back to the inlet of the water dispenser.
 - d. Clean the outside of the system with mild detergent if required rinsing with water and drying the unit.
 - e. Clean the drip tray with mild detergent if required rinsing with water and drying the unit.

12. Drain completely the unit opening the hot tank and cold tank drains plugs simultaneously. This plugs are at the base of the unit.



WARNING: This water has detergent on it and could stain. Please handle this operation with care to avoid any damage.

13. Place the hot tank and the cold tank drain plugs back to the unit.
14. Open the water inlet
15. Connect the machine to the electricity and dispense 14 liters of cold water, 14 liters of hot water and 3 liters of mix water.



WARNING: is forbidden to drink or use, Throw them down the drain

16. Checking with the indicator strips for each water system that there is no rest of cleaning agent.
17. Remove the empty filters, dry them and save them for the next sanitization
18. Install the new flushed filters according the filters installing chapter instructions.
19. Switch on the hot water system using the plug at the rear of the dispenser.
20. Dispense 2 L of Cold and 2 L of Hot water.

The hydraulic pipe connection should be replaced at least every two years.

For further information consult your local Culligan Service Center.



WARNING USE PROPER PERSONAL PROTECTIVE EQUIPMENT

Always ensure proper ventilation and use proper personal protective equipment such as gloves and eye protection when using chemicals. Refer to Material Safety Data Sheet for specific requirements of each chemical product. Take all necessary precautions to prevent sanitizer from contacting eyes, clothing, and any other surfaces in could damage.

Daily care of the dispenser

Materials needed for daily cleaning

- Disposable paper towel
- Sanitizing detergent certified for food contact use

Procedure:

- Clean the exterior of the system
- Rinse and dry with a new paper towel

Materials required for the daily sanitation

- Disposable gloves
- Disposable paper towel
- Sanitizing detergent for use with food, sanitizing alcoholic detergent without rinsing

Procedure:

- Wash your hands thoroughly and wear disposable gloves
- Empty and clean the drip tray
- Spray the sanitizing product over the entire surface of the system, including taps and spouts
- The product evaporates after a few seconds and does not require rinsing

Shutdown

Temporary shutdown

The machine can remain unused or turned off for an extended period. In such cases, when intending to use it again, proceed as follows:

- if the dispenser has been off/unused for more than 72 hours but less than 5 days, dispense at least 5 liters of water;
- if the dispenser has been left off/unused for more than 5 days, proceed to sanitize the dispenser according to the methods described above.
- Sanitize the dispenser as required;
- The dispenser must be managed in full compliance with the hygiene regulations, to ensure the quality of the dispensed product.

UV Replacement (by Culligan Technician only)

Descale UV Reactor Tip



NOTE: Always ensure correct PPE is worn when working on the machine and never work on the machine with electricity connected



WARNING ULTRAVIOLET RADIATION. Protect your skin and eyes against ultraviolet rays. Never look directly at an operating UV light. Do not remove from housing when light is on. Always disconnect lamp before removing from the housing.

Written Process:

1. The UV unit intended for installation in the water dispenser is an advanced unit that operates with LED technology.
2. UV is an option to this unit and its Installation and/or replacement of the UV can only be done by a qualified Culligan technician. Do not disassemble and/or assemble the UV unit independently.
3. Switch off the hot water system using the rear plug and disconnect the water dispenser from the electricity.
4. Close the water inlet
5. Unscrew the screws securing the plastic side panels of the water dispenser and disassemble the two side panels.
6. After disassembling the side panels, also disassemble the top cover of the water dispenser.
7. Keep all the screws in a small saucer so they don't get lost.
8. Pull the front panel of the water dispenser slightly forward
9. Disconnect the water pipe coming out of the front cold water electric valve.

10. Connect the UV-LED unit so that one side is connected to the front electric valve of the cold water and the other side to the pipe that you previously disconnected from the valve.
11. Make sure the pipes are securely fastened.
12. Connect the electrical wire of the UVLED unit to the PCB in the designated place at the top of the PCB.
13. Close the water dispenser. First assemble the top cover and secure it with the screws and then carefully assemble the side panels and secure them with the appropriate screws.
14. Replace the label on the back of the water dispenser with the extra label provided with the UV-LED unit.
15. Open the Isolation valve.
16. Connect the water dispenser to the electricity.
17. Make sure that the hot water system is full of water before you switch on the hot plug again.

Handling

Handling and transportation

Transportation of the water cooler must be carried out by competent personnel.

The water cooler is supplied on cardboard boxes; to move it, use lifts suitable to support its weight and move it at reduced speed in order to avoid overturning or dangerous swaying.

Avoid:

- lifting the water dispenser with ropes or presses
- tilting or laying down the water dispenser for transportation
- shaking the water dispenser

Prevent the water dispenser from:

- suffering impacts
- being overloaded with other packages
- being exposed to rain, wet environments, frost or heat sources

Culligan is not responsible for any damage caused by partial or total failure to observe the above warnings.

Storage

For any storage, avoid humid places and stacking multiple machines, keep them in a vertical position, in dry environments with temperatures not lower than +2°C.

Packing

The water dispenser is protected by cardboard packaging and wooden cage and internally by a transparent film.

The following binding requirements are indicated on the packaging:

- avoid overturning.
- protect from rain
- Fragile: not impact-resistant
- do not use cutters or sharp tools to remove the cardboard packaging

Receipt

Upon receipt of the appliance, it is necessary to check that it has not been damaged during transportation. If damage of any kind is noticed, immediately make a complaint to the carrier.



ATTENTION: *The packaging must be intact, it must not show signs of dents, impact, deformations or breakage of the container casing, it must not have wet areas or signs that could lead to suppose that the casing has been exposed to rain, frost or heat, it must not show signs of tampering.*

Disposal, Waste and Recyclability

Information to manage electric and electronic equipment waste.



Crossed out wheeled bin denotes that waste electrical and electronic equipment and batteries must not be disposed of as unsorted municipal waste but collected separately. This symbol appearing on the product, batteries, accumulators or package or documentation indicates that the product and batteries or accumulators must not be collected, recovered or disposed of together with household waste at the end of its life cycle.

This unit is marked in compliance with European Directive 2012/19/UE on Waste Electrical and Electronic Equipment (WEEE). By ensuring that the product is scrapped correctly, you are helping to prevent potential negative consequences for the environment and for health. The symbol on the unit indicates that the product should not be treated as domestic waste but should be taken to a dedicated recycling centre for electrical and electronic equipment.

The disposal of materials (waste and exhausted) must also be done in full compliance with all current environmental regulations. Consumables, such as cartridges and filter materials, deriving from maintenance at private customers, must be transferred to the undifferentiated collection directly by the customer; on the other hand, for materials deriving from maintenance at companies, the contractual agreements between the parties and the procedures for attributing the CER code and disposal required by current environmental legislation must be respected.

For more information on the treatment, recovery and recycling of this product, please contact the appropriate local office, the waste disposal service or the reseller from which the product was purchased.

Packaging materials

The packaging materials are 100% recyclable. Please recycle each material at the proper bin. Please follow the local guidelines on waste disposal. For safety reasons keep the packaging material out of the reach and sight of children.

Packaging is made of environmentally friendly materials, which may be disposed of through your local recycling facilities. By disposing of the packaging and packaging waste in the proper manner, you help to avoid possible hazards for the environment and public health.

Information on natural and ecological refrigerant gas

This product contains no CFCs or HFCs, which contribute to global warming.

The refrigerating system is filled with HC R600a – Butane: a natural gas that does not contribute to global warming and that, thanks to its specific characteristics, allows for substantial energy savings to be made.



ATTENTION: R600a is flammable gas, do not damage the refrigeration circuit. If damage occurs, keep away from sources of ignition, ventilate area and call service provider.

Troubleshooting and Repair

Problem	Possible cause	Solution
No water dispensing	No power supply	Check that the water supply pipes are connected correctly, and that the water supply valve is in the open position
	Faulty socket	If the supply fuse is faulty, it must not be used and must be replaced with a supply fuse approved by the manufacturer
No hot water dispensing	The heating system is not activated	Activate the heating system switch on the back of the device
	Frequent use of hot water	Wait until the hot water has reached temperature (light will be white)
	The set hot water temperature is too low	Check the hot water settings with the authorised dealer
No cold water dispensing	The set cold water temperature is too high	Check the cold water settings with the authorised dealer
	The cold water system has shut down	Activate the cold water system by pressing continuously and simultaneously on the cold water glass button  and the cold water jug button 
	Frequent use of cold water	Wait for the cooling system to complete its operation.
Water leaks	The drip tray is full	Empty the drip tray
	Internal leakage in the water dispenser	Disconnect electricity supply and close the water supply valve, drain the dispenser from the drain outlets on base of unit - contact a service technician
	Drains not closed properly	Ensure that the screw and cap are fitted correctly



Customer
Street name
City

Post code
Province

SYSTEM TYPE

CODE	DESCRIPTION	SERIAL NUMBER

MAINTENANCE
LOG

Date	Intervention type	Technician's Full name (PRINTED LETTERS)	Technician's signature
	☐ Sanitization		
	☐ Filter replacement		
	☐ Extraordinary intervention		
	☐ Other (please specify)		
	☐ General operational check performed		
	☐ Sanitization		
	☐ Filter replacement		
	☐ Extraordinary intervention		
	☐ Other (please specify)		
	☐ General operational check performed		
	☐ Sanitization		
	☐ Filter replacement		
	☐ Extraordinary intervention		
	☐ Other (please specify)		
	☐ General operational check performed		
	☐ Sanitization		
	☐ Filter replacement		
	☐ Extraordinary intervention		
	☐ Other (please specify)		
	☐ General operational check performed		
	☐ Sanitization		
	☐ Filter replacement		
	☐ Extraordinary intervention		
	☐ Other (please specify)		
	☐ General operational check performed		

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NOTE: To keep your water dispenser in good operating condition it is necessary to periodically check the system.