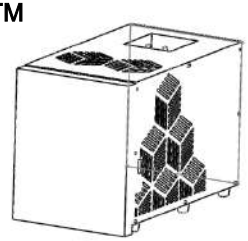
Iceboxx™

THERMO CONCEPTS



Remote chiller unit
Installation instructions and user guide

For assistance, please call :
1-800-363-1333

Or visit our website at :
www.thermoconcepts.com

Refroidisseur d'eau satellite
Instructions d'installation et guide de l'utilisateur

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1-800-363-1333

Ou visiter notre site web au :
www.thermoconcepts.com

1. Assistance and service

If you need assistance or service, first see the ''Troubleshooting'' section. Additional help is available by contacting your distributor or by calling our toll free number at : 1-800-363-1333, Monday to Friday 8 :00 a,.m. to 5 :00 p.m. (EST). You can also reach us by email at :

info@thermoconcepts.com

Please include in your correspondence the following information :

Dealer name
Address
Phone number
Serial number
Purchase/Installation date

Please keep this document along with your original receipt for future reference.

2. When you receive your cooler

Upon reception, it is recommended to verify the condition of the packaging. In case you notice any serious damages to the box or its content, please notify the carrier and your distributor immediately. If the unit need to be returned, please contact your distributor for the return procedure.

3. Installation

Observe all governing codes and ordinances applicable in you region. Check the location where where the remote chiller will be installed. Proper installation is your reponsibility. Make sure you have all the necessary equipment for proper installation. The faucet and the filtration system are sold separately. Please refer to these manufacturers installation instructions. The water quick connectors provided with this cooler do not require sealing tape or compound to keep them from leaking.

Before starting the installation, please insure that you have the following :

Parts included:

1 Iceboxx™ cooler
1 electrical cord
2 1/4 quick connect elbow connector
2 ventilation grid
4 #8-5/8 screw

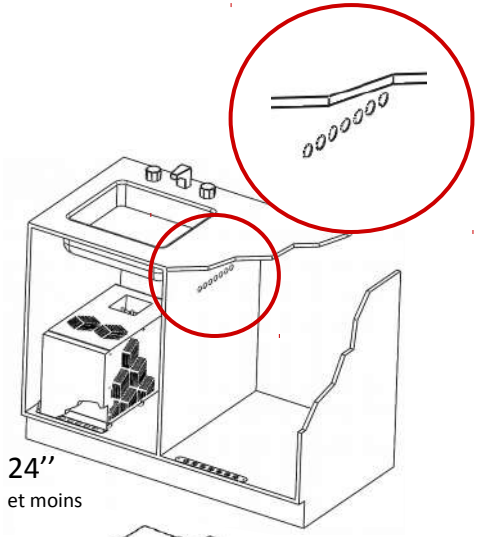
Required tools:

Measuring tape
Knife for tubing
Hand drill
7/8'' drill bit

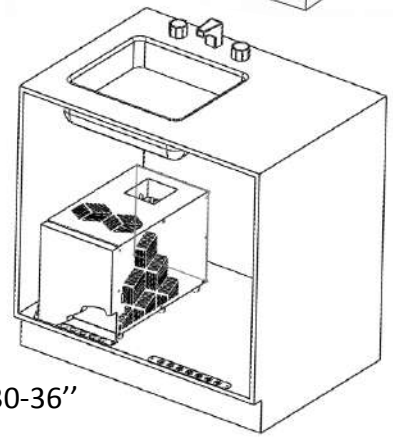
4. Location requirements

Please leave at least a minimum of 2'' (5cm) of room around the cooler, sufficient air flow is required in the cabinet to insure proper function. Install the included ventilation grids as pictured below. If the cooler is installed in a cabinet of 24'' or less, additional ventilation is required in the center division **(7 holes of 7/8'').**

Failure to follow this procedure might cause damages to the cooler and void your manufacturer warranty.



24''
et moins



30-36''

5. Electrical requirements

A 120V, 60Hz, 15 or 20 amps, grounded electrical supply is required. It is recommended that a separate circuit serving only your cooler be provided. Use an outlet that cannot be turned on/off by a switch.

Recommended ground method

This cooler must be grounded. This cooler is equipped with a 3 prong plug, compliant with local and national codes and ordinances. If a grounded outlet is not available, it is the owner responsibility to have a properly grounded 3 prong outlet installed by a certified electrician.

6. Water supply requirements

If the local plumbing codes permit, the cooler feed line should be connected to the cold water supply line with a ''T'' connector (sold separately/if applicable). The cooler must be installed after the filtration system.

IMPORTANT

If local plumbing codes do not permit the use of a "T" connnector, specialized feed valves can be purchased from your local plumbing supply retailer. The water pressure to the water cooler should be between 30 Psi (MIN) and 100 Psi (MAX). The insllation of a leak detector near the cooler is also recommended.

7. Installation instructions

IMPORTANT

If your cooler was stored on its side, please leave it in a normal vertical position for 24 hours before connecting it.

1. Unscrew the yellow cap on top of the cooler. **(Fig. A)**
2. Fill the tank with tap water until the level is 1/4'' (6mm) from the bottom of the threaded part of the neck. **(Fig. B)**
3. Screw the yellow cap.
4. Remove the protective caps from the water inlet/outlet pipes on top of the cooler. **(Fig. C)**
5. Provide a space of at least 2'' (5cm) around the cooler. DO NOT LEAVE ANY OBJECTS IN FRONT OF THE GRID OR ON TOP OF THE COOLER.
6. Position the cooler in the cabinet following the recommendations from the previous page.
7. Position the ventilation grid with center marking holes on the edge of the cabinet floor and mark the center of the ventilation holes. **Leave at least 4'' (10,2 cm) between each ventilation grids. (Fig. D)**
8. Drill the 7/8 ventilation holes where required. **(Fig. E)**
9. Install the cooler retention grid with two #8 screws. (**Fig. F)**

IMPORTANT

If the cabinet is less then 24'' (60,9cm) wide you must drill at least 7 ventilation holes of a diameter of 7/8 in the cabinet side wall. You must use the ventilation grid as a marking guide. Please refer to the section ''Location requirements'' on the previous page for more information.

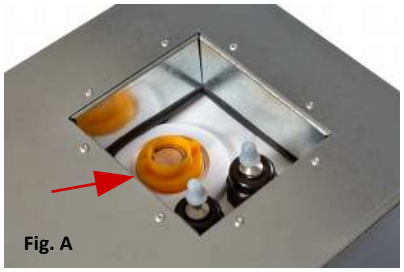


Fig. A


Fig. B

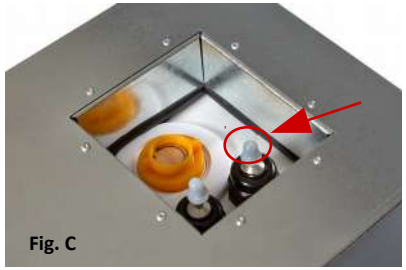


Fig. C

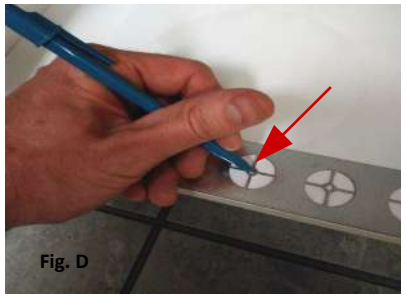


Fig. D


Fig. E

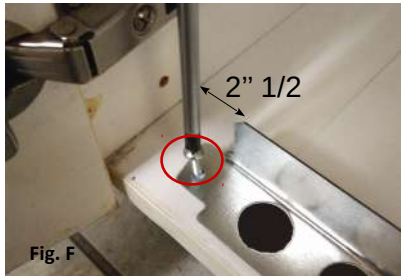


Fig. F


Fig. G

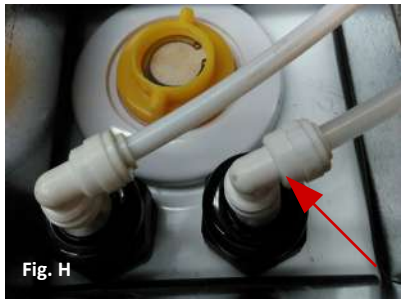


Fig. H

7. Installation instructions

10. Position the front of the cooler on the retention grid. (**Fig. G)**
11. Install the second ventilation grid per the diagram on the previous page.
12. Close the water inlet valve.
13. Install the faucet and the filtration system following the manufacturer instructions.
14. Install a 1/4 elbow connector on the inlet and outlet pipes **(use only quick connect connectors). (Fig. H)**
15. Using an approved 1/4 flexible tube connect the cooler to the water inlet (downward arrow) or to the outlet of the filtration system.
16. Connect the cooler water outlet (upward arrow) to the faucet.
17. Gently pull on each connections to verify if they are properly connected.
18. Open the faucet and slowly open the water inlet valve.
19. Let water flow for at least 1 minute to flush the air out of the system.
20. Inspect all connections to insure that there is no leaks.
21. Connect the cooler electrical cord to the wall socket and turn on the cooler switch.

IMPORTANT

Allow at least 2 hours of running time before the cooler reach its optimal water temperature. During this period leave the cabinet doors open to improve the air flow. It is normal for the cooler to run for a few hours after the initial startup.

8. Shipping and storage

If the cooler need to be expedited or stored for a long period of time, the water inside the ice tank must be drained.

- Turn the cooler switch off.
- Unplug the cooler.
- Turn off the water inlet valve.
- Open the faucet to reduce the water pressure in the cooling system.
- Unplug the flexible tubing from the connectors by pressing gently on the quick connect rings.
- Install the cooler on the countertop near the sink.
- Unscrew the yellow cap and pour hot water inside the ice tank to melt the ice.
- Let the ice melt completely.
- Tilt the cooler on its side and let the water drain in the sink. The water might be colored, this is normal, water from the ice tank is not in contact with drinking water.
- Pressurize the water inlet with compressed air to flush the water from the pipe.
- Install the protective caps on the water inlet/outlet.
- Screw the yellow cap on top of the cooler tank.
- **Store your cooler in a dry area in a room controlled temperature between 50F to 122F (10C to 50C) .**

9. Before calling for assistance

If the cooler is not working, please verify the following before placing a service call.

- Is the wall power outlet controlled by a wall switch?
- Is the power cord properly connected to the wall outlet and the cooler?
- Is the cooler switch in the ''on'' postion?
- Is the breaker off or a fuse burned in the main electrical panel?
- Is the water inlet valve fully opened?
- Is there water in the ice tank?

10. Troubleshooting

Water is not cold.

- Verify if the breaker is off or if a fuse is burned.
- Verify if the power cord is properly connected to the wall outlet and the cooler.
- Verify if the wall outlet is controlled by a wall switch.
- Verify if the cooler ''ON/OFF'' switch is on the ''ON'' position.
- Verify if the water level in the ice tank is at the recommended level.
- Verify if the cooler is connected on the hot water inlet instead of the cold water.
- Verify if the cooler fan is working by placing your hand near the fan exhaust grid. You should feel hot air coming out.
- Verify if the cooler grid is obstructed by objects or dust.

Water is splashing out of the faucet or is coming out sporadically

- Verify if the water inlet and outlet tubes are bent or kinked.

Water is not coming out of the faucet

- Verify if the water inlet valve is opened.
- Verify if the water inlet and outlet tubes are bent or kinked.
- Disconnect the water inlet tube and verify if water is getting to the cooler.
- Verify if water pressure is at least 30 PSI (138 kPa) .
- Verify if the faucet and filtration system were properly installed.
- Unscrew the yellow reservoir cap and verify if there is solid ice in the center of the coiled stainless tube. If so, disconnect the cooler and place a service call.

10. Troubleshooting

Water has an unpleasant taste

- Open the faucet and let the water flow for 2-3 minutes.
- Verify if the filter of your filtration system need to be replaced.

Manufacturer limited warranty

First year

During the first year after the original purchase date, Thermo Concepts shall replace or repair (manufacturer's option) any part or function of the cooler that proves to be inoperative or defective due to a defect in material or workmanship. Labor costs are the responsibility of the Manufacturer. The original sales slip (invoice) with the corresponding serial number must support the claim.

Second year through third year

Within the second through third year, Thermo Concepts will replace or repair (manufacturer's option) the sealed refrigeration cycle in case of defect in material or workmanship. The Manufacturer will provide the parts and labour, through its approved service center or the factory repair department. The sealed refrigeration cycle does not include the following electrical parts : overload, ice detector, electronic card and switch.

In addition to the sealed refrigeration system, the manufacturer will replace the following components in case there is a manufacturing defect : compressor relay, overload protection, ice detector, internal wiring and electrical cord. However, the labour to replace these components are the owner responsibility.

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Warranty provisions and exclusions

- Warranty will be void unless work is performed by an authorized service center.
- The warranty is only applicable to the original owner and it is not transferable.
- The original sales slip with the corresponding serial number must support every warranty claim.
- The warranty does not cover performance failure or damages of any part resulting from external causes such as alterations, misuse or abuse, incorrect installation, corrosion or acts of God.
- This warranty does not apply if the serial number was removed, modified or damaged.
- This warranty is limited to the value of the cooler and does not cover consequential damages.
- This warranty does not apply to any water components that become inoperative due to liming conditions.
- Shipping and handling are the responsibility of the owner, in case the unit need to be returned it must be properly packaged and emptied from its water.
- Shipping and handling damages will be the responsibility of the carrier or owner.

The foregoing is in lieu of all other agreements expressed, implied or statutory and all other obligations of liabilities of the Manufacturer. The Manufacturer does not assume or authorize any person to assume any obligations of liability in connection with this product. Under no circumstances will the manufacturer be liable for any special or consequential damages or for any delay in the performance of this agreement due to causes beyond his control. This warranty applies only within the limits of Canada and the United States. However, a number of foreign distributors benefit from an official certification from the Manufacturer which covers this warranty. Please contact your local distributor for further details.