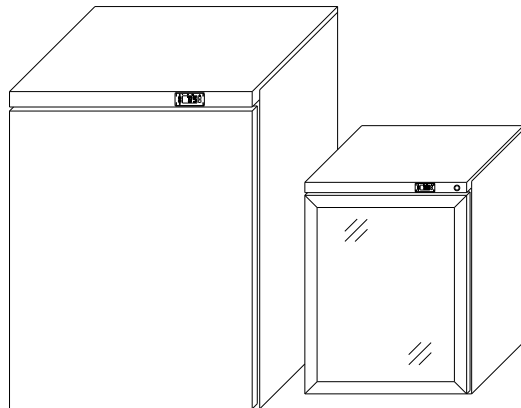


# MEDCOLD

## PHARMACY FRIDGE

### USERS INSTRUCTION



Problems	Possible causes	Ways to solve problem
The unit does not operate	Bad connection of plug or fuse burn out	Unplug the power cord and re-connect the plug to power supply or replace with a new fuse
Abnormal operation of the compressor or has buzz sound	The power voltage is out of rated range	Disconnect the power supply immediately and reconnect with it after normal voltage. It is necessary to have a voltage stabilizer in case of poor power supply.
Compressor operates for a long time and not frost on the surface of the evaporator	Refrigeration system is at fault (leakage or blocked)	Call for service
There is frost or ice on the walls of the inner cabinet and internal temperature is too low, the compressor never stops running.	Thermostat does not work	Call for service
	The temperature setting of the thermostat is too low.	Adjust to a higher temperature
The internal temperature is too high and the compressor never stops operating.	Bad heat dissipation and ventilation of condenser	Improve ventilation
	Too much warm goods was put in at one time	Remove some goods so air can circulate
	Door is being opened too frequently during initial coll down	Permit the unit to cool down adequately, prevent product access during this phase
Too noisy	The unit is not level	Adjust the adjustable legs
	The fastener of the unit is loose	Fasten the loose fastener
	Pipe near the compressor touch	Carefully separate the touched pipes
The side of fridge is hot	The condenser in the side wall gives out heat as part of normal operation	nothing to worry about.
Sometimes a light sound of water flowing will be heard	Refrigerant flowing inside the pipe.	nothing to worry about.
There may be condensation on the glass door	a high ambient temperature or humid conditions,	Dried with a cloth
The display shows "So" and compressor does not run	The temperature sensor is open circuit	Call for service
The display shows "SC" and compressor does not run	The temperature sensor is short circuit	Call for service

The display shows “HH” and compressor does not run	The ambient temperature is above 40°C/104°F	Stop using immediately
The display shows “LL” and compressor does not run	The ambient temperature is below -40°C/-40°F	Stop using immediately

### Portage and installation

- When carrying the fridge please keep vertical with angle of inclination between sides of the fridge and horizontal plane should not be over 50° , otherwise it may cause trouble of the compressor and effect normal operation of the fridge .
- After unpacking the fridge, remove the packing materials and place the fridge on a level and sturdy floor near power socket.
- These fridges are not integrated appliances and are not designed to be installed in areas which are limited in space and ventilation. Do not place your fridge near a direct heat source or direct sunlight and leave at least 6cm all round the unit for adequate ventilation. Failure to do so will effect the performance of your fridge. If ambient heat in the room is +25oC the cabinet will be not be able to operate correctly and raise high in temperature.
- Never place the fridge on a location where water can reach or with high moisture.
- Ensure your fridge is level by adjusting the feet at the bottom of your fridge.

### Power supply preparation

The fridge must use a special three-hole socket with fuse and well grounded. never ground the fridge through a gas pipe, tap water pipe OR the grounded wire of single-phase power supply etc. Never share same circuit with other appliances. Before plugging in your fridge for the first time make sure the power cable is free from damage and check that your voltage corresponds to that on the serial plate.

### Plug in

Once plugged in the display will show the temperature inside the fridge and the compressor will run late on (the indicator light of cooling will on at the same time ). This temperature is the actual temperature recorded by the probes inside the fridge and as the fridge cools to the set point (factory set at 4°C/39°F) so the number on the display will descend accordingly.

If power is cut off, wait for at least 5 minutes before plugging the unit in again to avoid damaging the compressor.

### Adjust operating temperature

Push the SET key for more than 3 seconds to change the set point. The temperature will be displayed. To change the set point - push the arrow up key or down key to adjust temperature within 10s. To memorize the new set point push the SET key.

### Storage of articles

- It is recommended the fridge is only partially filled (around 55%) and even at maximum stock level the content should not exceed 70% of the fridges capacity.
- Leave space around the goods to let cold air inside the cabinet flow. Ensure the articles do not touch the back of the interior so as not to freeze.
- Store the articles away from the inner fan.
- Do not put warm goods into the fridge directly until they are cooled to normal temperature.
- Shelves can be adjusted according to different applications.

### Maintenance

It is essential that you unplug the fridge from the mains and transfer the contents where they can be stored and monitored at the correct temperatures before cleaning.

- Wash the inner compartment with warm water and neutral detergent. DO NOT allow the control panel, cables or plug to get wet. NEVER use corrosive detergents, wire brushes, or abrasive scourers to clean your fridge. NEVER use metal or sharp implements to remove debris
- Dry all surface thoroughly.
- To ensure trouble-free operation the condenser should be cleaned every three months where appropriate using a vacuum hose. The condenser is located at back of the cabinet. In exceptionally dusty locations the condenser should be cleaned more often.



### High/Low Temperature Alarm

If the temperature in your fridge drops below 1°C an alarm will sound and the front panel display will flash **LO** and the current temperature will be displayed alternately. If the temperature

rises above 9°C an alarm will sound and the front panel display will flash **HI** and the current temperature will be displayed alternately. There could be a number of reasons for this which should be investigated immediately. The fridge should be monitored to check it is returning to the correct temperature.

### **Min/Max Temperature Recording**

The fridge records the maximum high and minimum low temperatures when connected to mains electricity. The display will show the last HI and LO recorded until the fridge is reset

To display the HI reading press and release the HI/LO button key

To display the LO reading press and release the HI/LO button key again.

Once temperatures has been recorded for the day it is important that the fridge is reset otherwise it will always display the high and low temperature since the last temperature reset. The fridge does not automatically reset. By waiting 5s the normal display will be restored

### **Reset of Min/Max Temperature Recording**

Hold the HI/LO button for 6s. To confirm the operation the display starts blinking and the buzzer sound.

### **Door Alarm**

If the door of the fridge is left open for more than 3 minutes an audible alarm sounds.

Close the door , the door alarm will be eliminated automatically.

### **Remote Alarm**

Electronic controller is equipped with a volt-free contact for alarm forwarding to an external remote alarm system (terminal block on the back of the fridge).

### **WARNING:**

- Do not damage the refrigerant circuit.
- Do not allow children to play with the appliance, or to sit on it or to hang onto the door.
- For safety, the appliance must be properly earthed in accordance with specifications.
- Do not damage any parts of the appliance which carry refrigerant by piercing, perforating, crushing, twisting or scraping. If the refrigerant comes into contact with the eyes, it may cause serious eye injury
- Always remember to unplug the appliance before cleaning. Never unplug your appliance by pulling on the power cable. Always grip plug firmly and pull straight out from the socket. Always check that the plug and cable are undamaged.
- Do not use electrical appliances inside the fridge, unless they are of the type recommended by the manufacturer.
- .If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- All repairs must be carried out by qualified engineers. Inadequate repairs may be dangerous. Never try to repair the cooler yourself.
- Do not allow children to play the packaging, and destroy plastic bags safely.

Alarm type	Display flash
Cold room high temp. alarm	H1 delay alarm
Cold room low temp. Alarm	LO delay alarm
Room temp. sensor short circuited	1H in time alarm
Room temp. sensor open circuited	1L in time alarm
Product temp. sensor short circuited	2H in time alarm
Product temp. sensor open circuited	2L in time alarm
Product temp. sensor high temp Over	H2 delay alarm
Electric supply off alarm	EEL flash and alarm in time
Door open delay alarm	dr flash and delay alarm

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