

HB50

SERENE Counter Top Chiller

Type: HSC050 (LED Lighting)



serene[®]
from SKOPE

HB50
SERENE Counter Top Chiller
Type: HSC050
User Manual

MAN10440
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1 Installation

Safety First Always observe safety precautions when using any electrical appliance. Read these instructions carefully and retain them for future reference.

- When the appliance is used by or near young children or infirm persons, close supervision is necessary, especially to ensure children do not play with it.
- Do **not** use this appliance for other than its intended use.
- Do **not** cover the grilles or block the entry or exhaust of airflow by placing objects up against the refrigeration system.
- Do **not** probe any opening.
- Only use this appliance with the voltage specified on the cabinet rating label affixed to the appliance.
- Ensure the appliance has adequate ventilation as this is essential to economical, high performance.
- Be careful not to touch moving parts and hot surfaces.
- For your own safety and that of others, ensure that all electrical work is done by authorised personnel.
- If the power supply flexible cord becomes damaged, it must be replaced by an authorised service agent or similarly qualified person in order to avoid a hazard.
- This appliance is not designed to be stable in motion. Use extreme caution when moving or transporting it.
- Ensure all necessary safety precautions are observed during installation or removal of the appliance.
- Do **not** store explosive substances such as aerosol cans with a flammable propellant in this appliance.

WARNING

Always disconnect the chiller from the mains power supply before cleaning or maintenance.

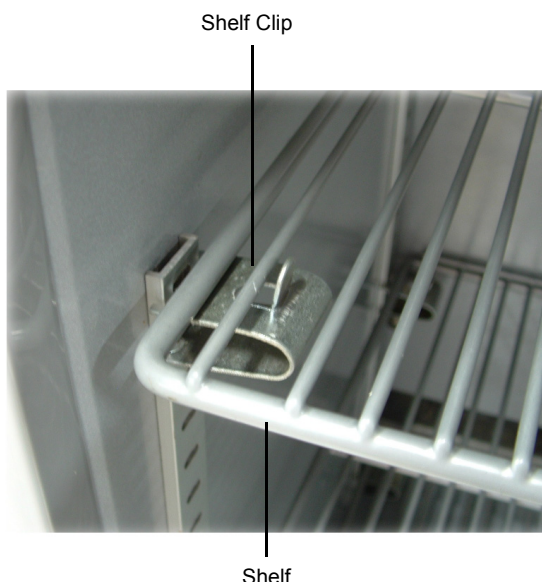
CAUTION

Never overload the power supply, which could damage the chiller and product. See the rating label inside the cabinet for the safe power supply and current draw.

Unpacking

Remove all packing material from the inside and outside of the cabinet, including all adhesive tape holding the cabinet accessories.

Shelves Remove the packing material from all three shelves. Position the shelf clips at the desired heights (4 per shelf) and then fit the shelves into the cabinet (see below).



Positioning

Power Supply This chiller is rated 220-240 V a.c. and will draw a maximum of 1.2 Amps. Do not overload the power supply.

The chiller is supplied with a power cord fitted with a 3-pin plug, which exits behind the refrigeration unit. The power cord should be retrieved before the cabinet is positioned. Ensure the power supply can be easily accessed once the cabinet is positioned so the cabinet can be disconnected from the power supply for cleaning and maintenance.

Ventilation When positioning the cabinet, adequate clearance must be maintained for ventilation. For efficient operation of the cooler, it is essential that adequate ventilation be provided around the cabinet. The maximum operating temperature is 32°C. (Climatic Class 4).

This chiller should not be recessed or enclosed in a cabinet. It is designed for free-standing installation only. The recommended clearance on both sides and at the back of the cabinet is 50mm.

Location When positioning the cabinet:

- Avoid direct sunlight and warm draughts etc.
- Allow adequate space for the door to open fully.
- Ensure the cabinet is positioned on a level surface so the door shuts and seals correctly, and to prevent the condensate tray from overflowing.
- Ensure the cabinet is positioned near a suitable power supply.

2 Operation

Cabinet Operation

If the chiller has been disconnected from the power supply for any reason, allow about 10 minutes before switching it back on. This allows the refrigeration system pressure to equalise before the system is restarted.

Before operating the chiller, ensure:

- The chiller is positioned on a level surface.
- The maximum operating temperature is 32°C.
- There is adequate ventilation around the refrigeration unit.
- There is a gap of at least 50mm around the cabinet.
- The chiller is allowed to stand for 1 hour before connecting to the power supply.

While the chiller is operating it is normal to hear gurgling sounds caused by the flow of refrigerant when each cooling cycle ends.

Refrigeration System The evaporator fan (located inside the cabinet) should operate when the cabinet door is closed and the chiller is plugged in. The evaporator fan is activated by a door switch which turns the fan off when the door is opened. The fan will continue to operate when the door is closed.

Lights The sign light and cabinet interior lights will turn on when the cabinet is plugged in, and will stay on permanently.

Loading The chiller should be left running for 30 minutes to allow the cabinet to cool down before loading with product. When loading the cabinet shelves with product:

- Allow air space around all the product for even cooling and efficient operation of the cooler.
- Do not exceed a maximum of 15 kg per shelf.
- Do not allow products to overhang the front or rear of the shelves, as this will effect air flow.
- Do not obstruct air flow from the evaporator fan (inside the cabinet).
- Do not block the condensation drain hole inside the cabinet.

Temperature Adjustment

The storage temperature of the chiller is regulated by a thermostat located at the rear of the cabinet (see below). The thermostat temperature setting is preset at the factory and should not require adjustment.

The thermostat knob is graduated from 0 through to 5, with 1 being the warmest and 5 being the coldest. The normal temperature controller setting is between 2 and 3.

If further adjustment is required:

- ▣ To make colder - turn the thermostat knob clockwise.
- ▣ To make warmer - turn the thermostat knob anti-clockwise.



3 Maintenance

Cleaning

Many commercially available cleaning products contain solvents that may attack the plastic components of this product and cause them to crack. It is important to use only warm water and a small amount of detergent when cleaning this cooler. Do not use abrasive or corrosive cleaners or boiling water.

- Disconnect the cabinet from the power supply before cleaning.
- When necessary, wipe both the interior and exterior of the cabinet with a damp cloth.
- Do **NOT** flush the cabinet with water.
- Clean the door gasket once every three months.
- The condenser coil and fan (located on top of the cabinet) should both be brushed regularly to remove any dust build up.
- Periodically check the condensation drain hole inside the cabinet, to ensure proper drainage of any condensation.

Advanced Servicing

Advanced servicing should be carried out by an authorised service agent. Detailed service and spares information is available in the HB50 Service Manual (Part No. MAN10441).

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