

## User Guide – EziCore TCE and BCE Series

Thank you for purchasing a SKOPE refrigeration product.

### Safety

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

#### WARNING

- Ensure the appliance is disconnected from the power supply before performing any cleaning or maintenance.
  - Do not cover the grilles or block the entry or exhaust of airflow by placing objects up against the refrigeration unit.
  - Should manual defrosting be necessary, turn off the refrigeration system and allow the ice to melt by air circulation. Collect ice and water during defrost to prevent a slip hazard. Do not use mechanical methods to remove ice, as this may damage the refrigeration circuit.
  - Do not use any electrical devices or appliances inside the food storage compartment.
- 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.
  - Do **not** use this appliance for other than its intended use.
  - Do not insert fingers/foreign objects into any holes.
  - Only use this appliance with the voltage specified on the cabinet rating label.
  - 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.
  - Ensure all necessary safety precautions are observed during installation or removal of the refrigeration unit.
  - The appliance is not designed to be stable while in motion. Use extreme caution when moving or transporting it.
  - Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
  - Do not exceed a maximum load of 20 kg per shelf.
  - If the cabinet is to be scrapped, ensure the cabinet is unplugged from the power supply and cut off the mains flex close to the back of the cabinet. Be mindful of the risk of animals or children becoming trapped in the appliance – either remove or secure doors if necessary.
  - Refrigerant must be removed by a qualified service person and the cabinet recycled/disposed of in accordance with local regulations.

#### WARNING

- Ensure the doors are held shut when moving or transporting the cabinet.

This cabinet is designed to operate within a specific climatic class environment.

See the cabinet rating label inside the cabinet for climate class number.

Climate class	Ambient temperature	Relative humidity
3	25°C	60%
4	30°C	55%
5	40°C	40%
7 (tropical)	35°C	75%

The cabinet includes relevant hazard symbols that may be associated with the cabinet. Refer to the information below for symbol description.



#### WARNING

The refrigeration system contains flammable R290 refrigerant. Do not tamper with it. The refrigeration system must only be serviced by qualified personnel.

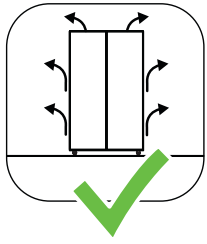
### Service and Support

We know you will get years of satisfaction from your new SKOPE product when you follow a few simple preventative maintenance guidelines. Helpful information is available on the SKOPE website.

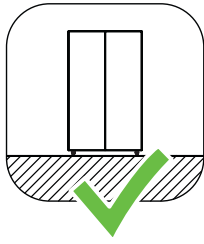
[www.skope.com/serviceandsupport](http://www.skope.com/serviceandsupport)

## Installation Guidelines

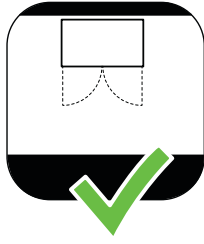
Ensure you consider and meet the installation guidelines.



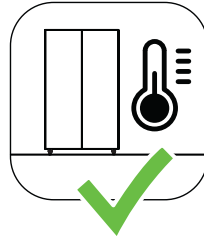
**Ventilation**  
Ensure a minimum of 300 mm clearance above the cabinet.



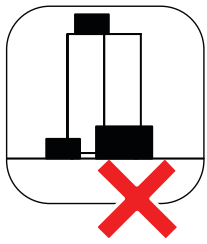
**Surface**  
The installation surface must be capable of supporting the loaded cabinet.



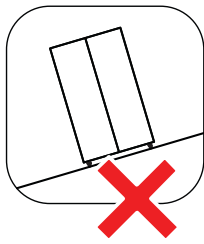
**Door Opening**  
Allow adequate space for the door/s to open and close properly.



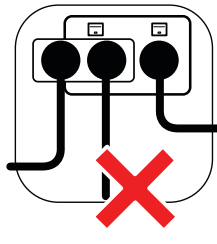
**Climate Class**  
The cabinet must be installed in an environment within its climate class. The climate class is stated on the cabinet rating label inside the cabinet, and specified on the front page of this user guide.



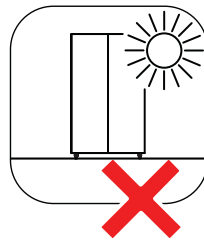
**Blocking Ventilation**  
Do not store boxes or items in front or on top of the cabinet.



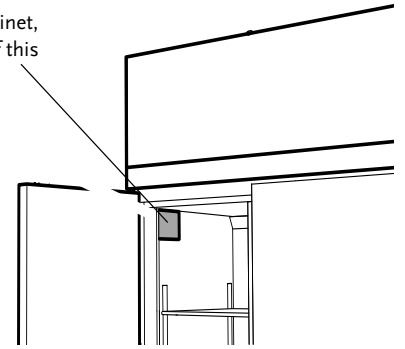
**Uneven Surface**  
Do not install the cabinet on an uneven surface.



**Power Supply**  
Do not overload the power supply.

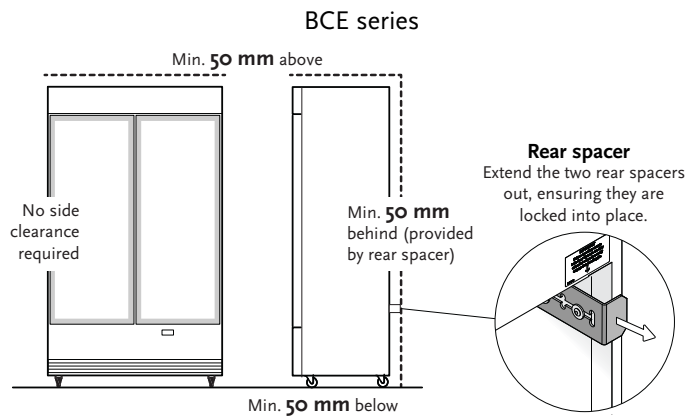
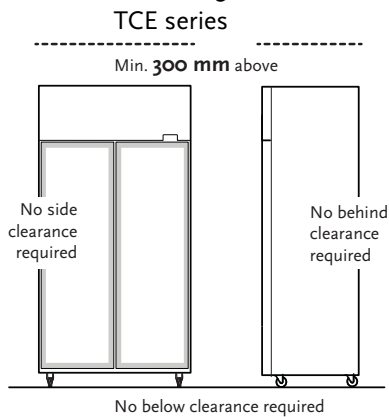


**Sunlight**  
Do not install the cabinet in direct sunlight.



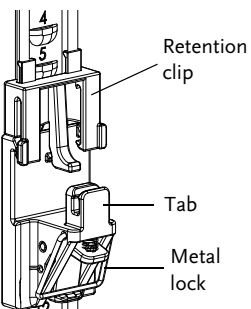
## Ventilation Requirements

This fridge must have the following ventilation clearances at all times.



## Shelves

The wire shelves each sit on shelf clips which slide up and down the shelf support strips inside the cabinet. The shelves may be positioned at different heights to suit various products. The retention clip which sits on the shelf clip doesn't need to be unlocked to move the shelf clip. Use the numbers on the shelf support strips to set the shelf clips at the same height.



### To move a shelf clip

1. Unclip the metal lock by pulling it forwards.
2. Move the clip:
  - To go upwards, slide the clip to the required position.
  - To go downwards, push the tab up and slide down to the required position.
3. When the clip is at the correct height, push the metal lock in to set the clip.

### To reposition a shelf

1. Unload and remove the shelf.
2. Move each shelf clip to the required position.
3. Sit the shelves on the shelf clips, and reload with product.

## Automatic Start-up

After the cabinet has been installed, plug it in and check the following activity.

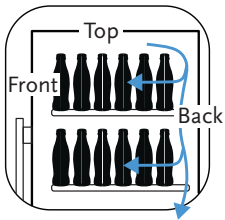
Item	Activity
Electronic controller	An electronic controller runs the fridge and is visible in a cutout below the sign. The display panel on the electronic controller shows the cabinet's internal temperature.
Lighting	The lights that illuminate the sign and cabinet interior will come on a few seconds after the cabinet is turned on. If the lights do not come on, check the light switches on the front panel of the sign and switch them on.
Refrigeration system	The refrigeration system will start a few seconds after the fridge is turned on. To verify, listen for the compressor and check that the refrigeration system light is lit on the electronic controller. Note: If the cabinet is powered on and off repeatedly, the compressor may enter protection mode and stay off for 5 minutes.

## Lights

The cabinet lights have a manual on/off switch. Lights are all non-serviceable, and must not be tampered with. If you suspect a light of being faulty, arrange a service call.

## Loading Product

Let the fridge run for 30 minutes before loading it with product for the first time. When loading the shelves with product:



**Internal Airflow**  
Leave adequate space around each item to ensure even cooling, and efficient operation.



**Shelf Loading**  
Do not overload the shelves.



**Shelf Flexing**  
Remove product if the shelf is flexing.



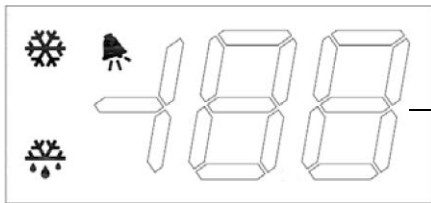
**Shelf Overhang**  
Do not let product overhang the shelves.



**Cabinet Floor**  
Do not load product on the cabinet floor. Use the shelves.

## Electronic Controller

The electronic controller regulates the cabinet's temperature, signals alarms and captures operational information. The temperature is set at the factory to stay between 1.5°C and 3.5°C.



Controller faceplate

## Messages and Alarms

Display	Description
	The cabinet's internal temperature. The temperature is what the sensor inside the fridge detects, and not necessarily the product temperature. However, they may be very close depending on how the controller is set to sense temperature. Note: The display does not have a decimal point.
	Compressor indicator. On when the compressor starts. Off when the compressor stops.
	Defrost indicator. On when the defrost is activated. Off when the defrost is over.
	Temperature sensor fault. This indicates a fault with the temperature sensor. Arrange a service call.

## Cleaning

Ensure the cabinet is unplugged from the power supply before cleaning.

Wipe the inside and outside of the cabinet with a damp cloth, taking care to keep moisture away from electrical parts.

The condenser coil must be kept clean. SKOPE strongly urges cleaning the condenser coil every month.

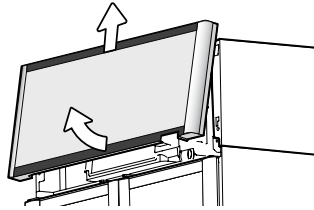
Do **NOT** use hard or sharp tools to clean the coil as these may cause damage.

### TCE cabinets

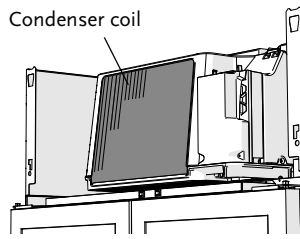
#### Clean the condenser coil

1. Unplug the fridge from the power supply.

2. Unplug the lit sign panels, and remove the front panel from the top of the cabinet.



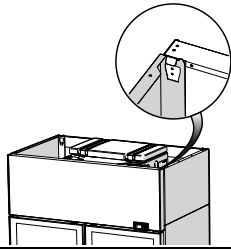
3. Brush the condenser coil with a soft brush to remove any dust and fluff.



4. Refit the sign assembly and reconnect to the power supply.

#### Important

When refitting, ensure the tabs on the back of the sign are located in the notches on top of the cabinet, and that the sign is pushed fully in and secure.

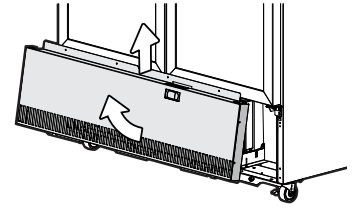


### BCE cabinets

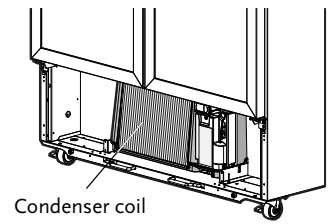
#### Clean the condenser coil

1. Unplug the fridge from the power supply.

2. Remove the kick panel from the front of the cabinet.



3. Brush the condenser coil with a soft brush to remove any dust and fluff.



4. Refit the kick panel, and reconnect to the power supply.

## Troubleshooting

Problem	Possible Cause	Suggestions
<ul style="list-style-type: none"> <li>• Cabinet not operating.</li> </ul>	<ul style="list-style-type: none"> <li>• Loss of power supply.</li> <li>• Controller alarm.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the mains power supply.</li> <li>• See “Messages and Alarms” above.</li> </ul>
<ul style="list-style-type: none"> <li>• No controller display.</li> </ul>	<ul style="list-style-type: none"> <li>• Loss of power supply.</li> </ul>	<ul style="list-style-type: none"> <li>• Check the mains power supply.</li> </ul>
<ul style="list-style-type: none"> <li>• Lights not on.</li> </ul>	<ul style="list-style-type: none"> <li>• Lights switched off.</li> <li>• Failed light.</li> </ul>	<ul style="list-style-type: none"> <li>• Switch light/s on (see page 2 above).</li> <li>• Arrange a service call.</li> </ul>
<ul style="list-style-type: none"> <li>• Power consumption is higher than expected.</li> </ul>	<ul style="list-style-type: none"> <li>• Refrigeration cartridge operating too hot.</li> <li>• Cabinet doors are opened excessively.</li> </ul>	<ul style="list-style-type: none"> <li>• Clean the condenser (see above).</li> <li>• Ensure the cabinet is in a cool spot.</li> <li>• Ensure the cabinet has good ventilation around the refrigeration cartridge.</li> <li>• Ensure the doors are closed more often.</li> </ul>
<ul style="list-style-type: none"> <li>• Product is too warm.</li> </ul>	<ul style="list-style-type: none"> <li>• Restricted airflow to cabinet.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure product is not blocking the airflow slots.</li> <li>• Ensure there is space around individual product pieces.</li> </ul>
<ul style="list-style-type: none"> <li>• Warm cabinet temperature.</li> <li>• Compressor operating for long periods (more than 1 hour).</li> </ul>	<ul style="list-style-type: none"> <li>• Blocked condenser.</li> <li>• Poor ventilation around refrigeration cartridge.</li> </ul>	<ul style="list-style-type: none"> <li>• Clean the condenser (see above).</li> <li>• Ensure the cabinet has good ventilation around the refrigeration cartridge.</li> </ul>

