

# SKOPE PEGASUS

## PG100/250/400HF-2

### Horizontal Freezer - INTEGRAL



PG100HF-2



PG250HF-2



PG400HF-2



SKOPE PEGASUS Horizontal Freezer - Integral  
PG100/250/400HF-2  
User Manual

MAN6789O  
Rev. 4.0 Dec. 2011

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# 1 Installation

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**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 unit.
- Do **not** probe any opening.
- Only use this appliance with the voltage specified on the 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.

## 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.

## WARNING

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

## Fitting the Legs or Castors

Packed inside the the cabinet is a set of adjustable height legs and a set of adjustable height castors. Either of these sets can be fitted to the cabinet depending on specific height and manoeuvrability requirements. The legs or castors should be fitted to the base of the cabinet before final positioning of the freezer.

**Adjustable Legs** The adjustable legs screw into the castor mounting plates attached to the bottom of the cabinet. The adjustable legs can adjust the cabinet height up to 30mm.

To adjust the height of each leg, turn the black plastic foot at the bottom of the leg counter-clockwise to raise the height or clockwise to lower (see Figure 2 below).

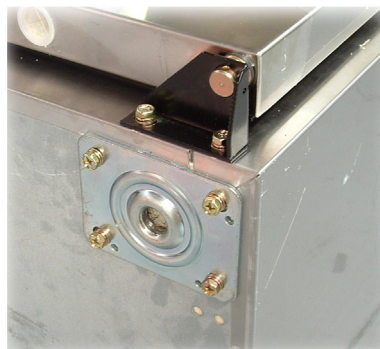


Figure 1: Castor Mounting Plate



Figure 2: Adjustable Leg

**Adjustable Castors** The adjustable castors screw into the castor mounting plates attached to the bottom of the cabinet. The two lockable castors should be fitted to the front of the cabinet (see Figure 3 below) and the non-locking castors fitted to the rear (see Figure 4 below). The adjustable castors can adjust the cabinet height up to 15mm.

To adjust the height of each castor, loosen the lock nut and turn the castor counter-clockwise to raise the height or clockwise to lower. Re-tighten each lock nut after final adjustment has been made.

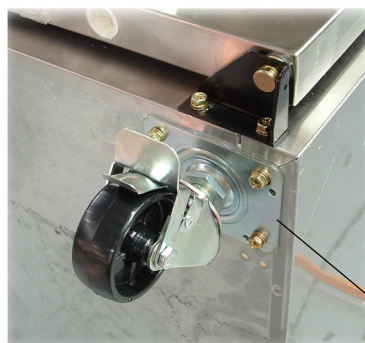


Figure 3:  
Lockable Castor (front)



Castor Mounting Plate

Figure 4:  
Non-Locking Castor (rear)

**Castor Mounting Plates** If the freezer is intended to be mounted on a plinth, the castor mounting plates attached to the bottom of the cabinet can be removed to provide a flat bottom. Each castor mounting plate is held in place by four pozi-drive hexagon head screws (see Figure 1 above).

## Positioning the Cabinet

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**Location** When positioning the freezer, avoid direct sunlight and warm draughts etc. The cabinet must NOT be situated where it is affected by warm or hot air from adjacent equipment, as this will compromise the airflow and performance of the freezer.

The cabinet must be positioned on a level surface for the doors to shut and seal correctly, and to prevent the condensate tray from overflowing. Adequate allowance should be made for door opening.

Always ensure that the top of the cabinet is shielded from impact and moisture, with either a SKOPE provided bench top or with a custom or existing bench top.

**Ventilation** For efficient operation of the freezer, it is essential that adequate ventilation be provided around the front of the refrigeration unit. It is critical that the hot refrigeration exhaust air is not restricted and that it can easily flow out and away from the front of the cabinet.

The maximum recommended ambient temperature for the freezer (at place of installation) is 43°C (Climatic Class 5).

Never store cardboard cartons or other items in front of the refrigeration unit and the ventilation slots in the unit front cover must be kept clear at all times.

### When installing the cabinet

- Avoid direct sunlight and warm draughts etc.
- Allow adequate space for the door/s and/or drawer/s to open fully.
- Ensure the cabinet is positioned on a level surface so the door/s shut and seal correctly and to prevent the condensate tray from overflowing.
- The self closing door/s have internal torsion bars, pretensioned at the factory, and should not require any further adjustment.
- Do not overload the power supply. See the rating label inside the cabinet for power supply and current draw.

**Power Supply** The freezer is supplied with a 1.8m flexible power cord and plug, which for transit purposes is located inside a compartment in the rear of the cabinet (see Figure 5 below).

Before final positioning of the freezer, pull the power cord out from the rear compartment and connect to the power supply. For convenience, any surplus cord length may be left inside the cabinet compartment.

Once the freezer has been installed it can be disconnected from the mains power supply by turning off the cabinet isolating switch and unplugging the unit supply isolation flex, located inside the refrigeration unit compartment (see Figure 6 below).

Power cord storage



Figure 5: Power cord



Cabinet isolating switch

Figure 6: Isolating switch

**WARNING:**

Do **NOT** overload the power supply. See the rating label inside the cabinet for power supply and current draw.



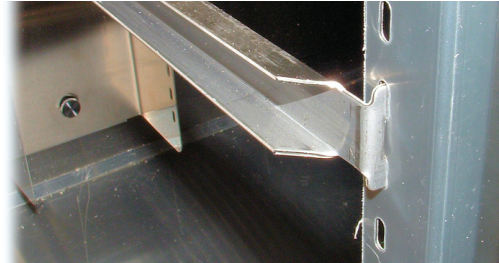
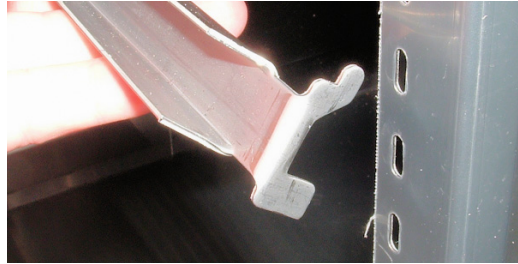
## Shelving

The freezer is supplied with two sets of shelves and shelf support brackets per door. The shelves can be positioned at different heights to suit various products.

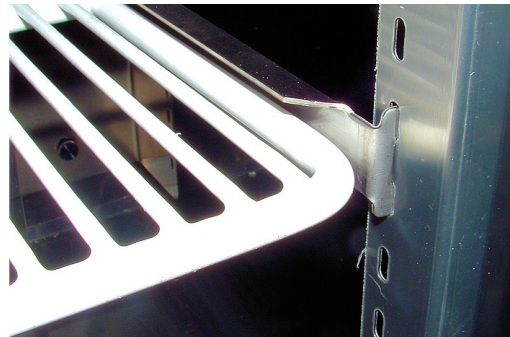
### To fit the shelves

1. Unpack the shelving items from inside the cabinet.
2. Establish the desired position for each of the shelves, based on the height of the product intended to go on each shelf.

3. Fit the shelf support brackets into the corresponding slots in both the front and back support rails. Each shelf requires two support brackets.



4. Slide each shelf into the support brackets.



### Loading Product

The freezer should be left running for 30 minutes before loading with product. When loading the cabinet shelves with product:

- Allow air space around all the product, to ensure even cooling and efficient operation of the chiller.
- Do not allow products to overhang the front of the shelf as this could prevent the doors from shutting. Leave an airspace of at least 75mm above product loaded on the top shelf.
- Do not exceed a maximum loading of 20kg per shelf.
- Remove some product if the shelves are flexing or bending.



## 2 Operation

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### Automatic Start-Up

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Connect the freezer to the mains power supply and check operation of the refrigeration unit, electronic controller and cabinet lighting.

Ensure the cabinet isolating switch, located inside the refrigeration unit compartment, is turned on (see Figure 6 on page 7).

#### **IMPORTANT**

If the cabinet has been on its back, leave for 30 minutes before running.

**Refrigeration Unit** The compressor and condenser fan, which switch together, will start after approximately 1 minute. This may be verified by listening for compressor switch-on and checking for air exiting the top slots of the unit compartment cover. The compressor and condenser fan will switch off when the cabinet internal temperature drops to approximately -21°C and on again at approximately -18°C.

**Electronic Controller** When the cabinet is connected to the power supply, the electronic controller will display the current cabinet temperature. The compressor LED  will indicate the compressor is operating and the evaporator fan LED  will normally come on within 2 minutes (see page 10 for controller display). To ensure efficient operation, the electronic controller forces 4 hourly defrosts. During the defrost cycle, the compressor and condenser fan switch off and the evaporator fan stays on.

**Cabinet Lighting** The interior lighting will go on when a cabinet door or top drawer is opened. The only time that a light should not turn on is either if an LED tube is faulty or the 'CHT' high temperature shutdown alarm has been activated (see page 12 for controller alarms). To replace an LED tube, see service instructions on page 13.

**HACCP** If Hazard Analysis Critical Control (HACCP) functions are required, to monitor food storage temperature, please contact SKOPE to arrange for an authorised SKOPE service technician to setup the electronic controller.

## Electronic Controller

### Controller Display

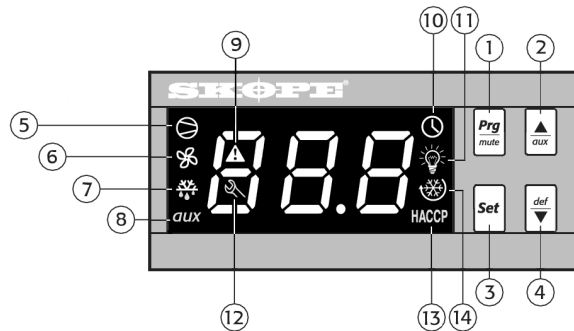




Figure 7:  
Controller Display

| Item | Icon | Function   |
|------|------|--|
| 1    |      | <b>Prg / mute:</b> n.a.  |
| 2    |      | <b>UP / aux:</b> To scroll settings <b>UP</b> (in program mode).   |
| 3    |      | <b>Set:</b> If pressed for more than 2 seconds displays and / or enables changing the temperature setpoint (see page 11).                          |
| 4    |      | <b>DOWN / def:</b> To scroll settings <b>DOWN</b> (in program mode). Press for more than 5 seconds to initiate manual defrost.                     |
| 5    |      | <b>COMPRESSOR:</b> ON when the compressor and condenser fan starts. Flashes when activation of the compressor is temporarily delayed.              |
| 6    |      | <b>FAN:</b> ON when the internal cabinet fans are activated. Flashes when activation of the fans is temporarily delayed.                           |
| 7    |      | <b>DEFROST:</b> ON when the defrost is activated. Flashes when the activation of the defrost is temporarily delayed due to procedures in progress. |
| 8    |      | <b>AUX:</b> n.a.   |
| 9    |      | <b>ALARM:</b> Flashes in the event of alarms and when a door is opened.  |
| 10   |      | <b>CLOCK:</b> n.a.   |
| 11   |      | <b>LIGHT:</b> n.a.   |
| 12   |      | <b>SERVICE:</b> Flashes in the event of malfunctions.  |
| 13   |      | <b>HACCP:</b> On if HACCP function is enabled. Flashes if HACCP alarm has occurred.  |
| 14   |      | <b>CONTINUOUS CYCLE:</b> n.a.  |

## Controller Overview

The CAREL ir33 electronic controller controls and displays the internal cabinet temperature. The preset temperature setting controls the product temperature between -18°C and -21°C. The electronic controller also signals temperature alarms (see page 12).

For general operation, the electronic controller requires no initial setup or additional programming. When the cabinet is connected to the power supply, the electronic controller will display the current cabinet temperature. The compressor LED  will indicate the compressor is operating and the evaporator fan LED  will normally come on within 2 minutes (see Figure 7 on the previous page for controller display).

## Temperature Setpoint



The chiller temperature setpoint is factory set at -18.0°C. If necessary the standard setting can be adjusted between -16°C and -26°C.

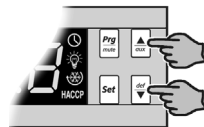
SKOPE do not recommend that the setpoint be changed unless it is absolutely necessary, and then only by small increments at a time.

### To view and adjust the temperature setpoint

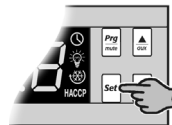
1. To view the setpoint:  
Press and hold the **Set** key for 2 seconds, until the setpoint value flashes.



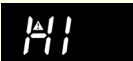



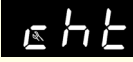

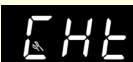












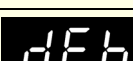







2. To adjust the setpoint:  
Press either the  or  keys to display the required setpoint value.



3. Press the **Set** key again to memorise the new setpoint value. If this is not done within 60 seconds changes will be lost and you will need to repeat the above procedure.



## Controller Alarms

| Code  | Display   | Buzzer | Alarm   | Action   |
|---|---|--------|---|--|
|    | <br>Flashing   | on     | Product HIGH temperature alarm (auto reset)                               | <ol style="list-style-type: none"> <li>1. Check the cabinet product loading to ensure ventilation slots are not blocked, and that product does not overhang the shelves. Ensure the doors are closed.</li> <li>2. Ensure the cabinet is installed with good refrigeration unit ventilation.</li> <li>3. Check and clean the condenser coil (see page 14).</li> <li>4. If immediate alarm recovery is required - unplug the cabinet from the power supply for 1 minute, then reconnect to power supply. If alarm persists, contact SKOPE.</li> </ol> <p><b>NOTE:</b> The 'HI' and 'LO' alarms deactivate the cabinet lighting and trim heaters.</p> |
|    | <br>Flashing   | on     | Product LOW temperature alarm (auto reset)                                |  |
|    | <br>Flashing   | off    | Refrigeration system high temperature pre-warning (auto reset)            | <ol style="list-style-type: none"> <li>1. Clean the condenser coil (see page 14).</li> <li>2. Check refrigeration ventilation. Ensure clear airpath at the top and front of the cabinet (to extract hot air). A minimum of 200mm clear space is required above and in front of the refrigeration unit.</li> <li>3. Ensure the cabinet is installed in a suitable environment.</li> <li>4. To reset the 'CHT' alarm - unplug the cabinet from the power supply for 1 minute, then reconnect to power supply. If alarm persists, contact SKOPE.</li> </ol>   |
|    | <br>Flashing   | on     | Refrigeration system and cabinet high temperature shutdown (manual reset) |  |
|    | <br>Flashing   | off    | Ambient probe fault (also flashes 'rE')                                   | <p>To reset alarm - unplug the cabinet from the power supply for 1 minute, then reconnect to power supply.</p> <ol style="list-style-type: none"> <li>1. If alarm persists, contact SKOPE.</li> </ol>  |
|    | <br>Flashing   | off    | Evaporator probe fault  |  |
|  | <br>Flashing | off    | Condenser probe fault   |  |
|  | None  | off    | Defrost over-time limit   |  |
|  | <br>Flashing | off    | Real-time clock fault   |  |
|  | <br>Flashing | off    | Controller E prom error   |  |
|  | <br>Flashing | off    | Controller E prom error   |  |
|  | None  | -      | Start defrost request   |  |
|  | None  | -      | End defrost request   | None   |
|  | <br>Flashing | on     | Door open alarm   | Check that a door or drawer has not been left open. Note: The audible alarm buzzer cannot be turned off manually.  |
|  | <br>Flashing | on     | High pressure switch activation alarm                                     | Clean the condenser coil (see page 14). Check ventilation and manually reset alarm - unplug the cabinet from the power supply for 1 minute, then reconnect to power supply. If alarm persists, contact SKOPE.  |

## 3 Servicing

### Lighting

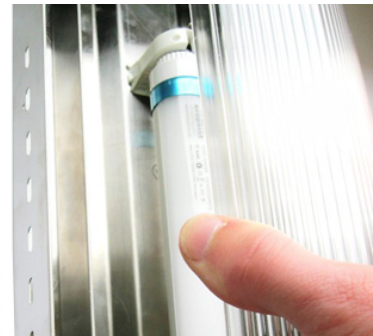
**Cabinet Interior Lights** Depending on the model, the cabinet interior is lit by one or two 5 Watt T8 LED tubes, fitted behind the centre pillars. The single door model, without a centre pillar, has the interior LED light tube fitted on the ceiling of the cabinet.

#### To replace the interior LED light tube

1. Open the refrigeration compartment door and isolate the chiller from the power supply by switching off the mains isolation switch.



2. Remove the diffuser by squeezing it until it is released from the housing, and then push the diffuser out of the way (multiple door cabinet pictured for clarity).



3. Rotate the LED tube until the pins on the ends of the tube align with the slots, then slide it out. **Note:** access can be made easier by removing the shelves.



4. Fit a new LED tube and clip the diffuser back into place

## Cleaning

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**Cabinet** When necessary, wipe both the interior and exterior of the cabinet with a damp cloth. Ensure the cabinet is disconnected from the mains power supply before cleaning the cabinet.

### CAUTION

Disconnect the cabinet from the mains power supply before cleaning the condenser coil or washing the cabinet with water.

**Condenser Coil** The condenser coil should be brushed clean once a month and blown clean by qualified service personnel, every six months. Over time, dust may accumulate within the condenser that cannot be removed with a brush. If this occurs, contact SKOPE to arrange for a SKOPE authorised service agent to clean the condenser with compressed air. The condenser coil is located inside the refrigeration unit compartment and is accessed by opening the unit front cover.

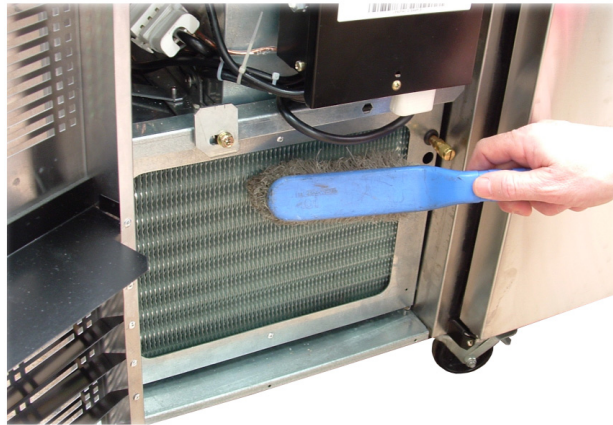


Figure 8:  
Condenser Coil

### IMPORTANT

If the electronic controller display flashes '**cht**' the condenser coil must be cleaned immediately.

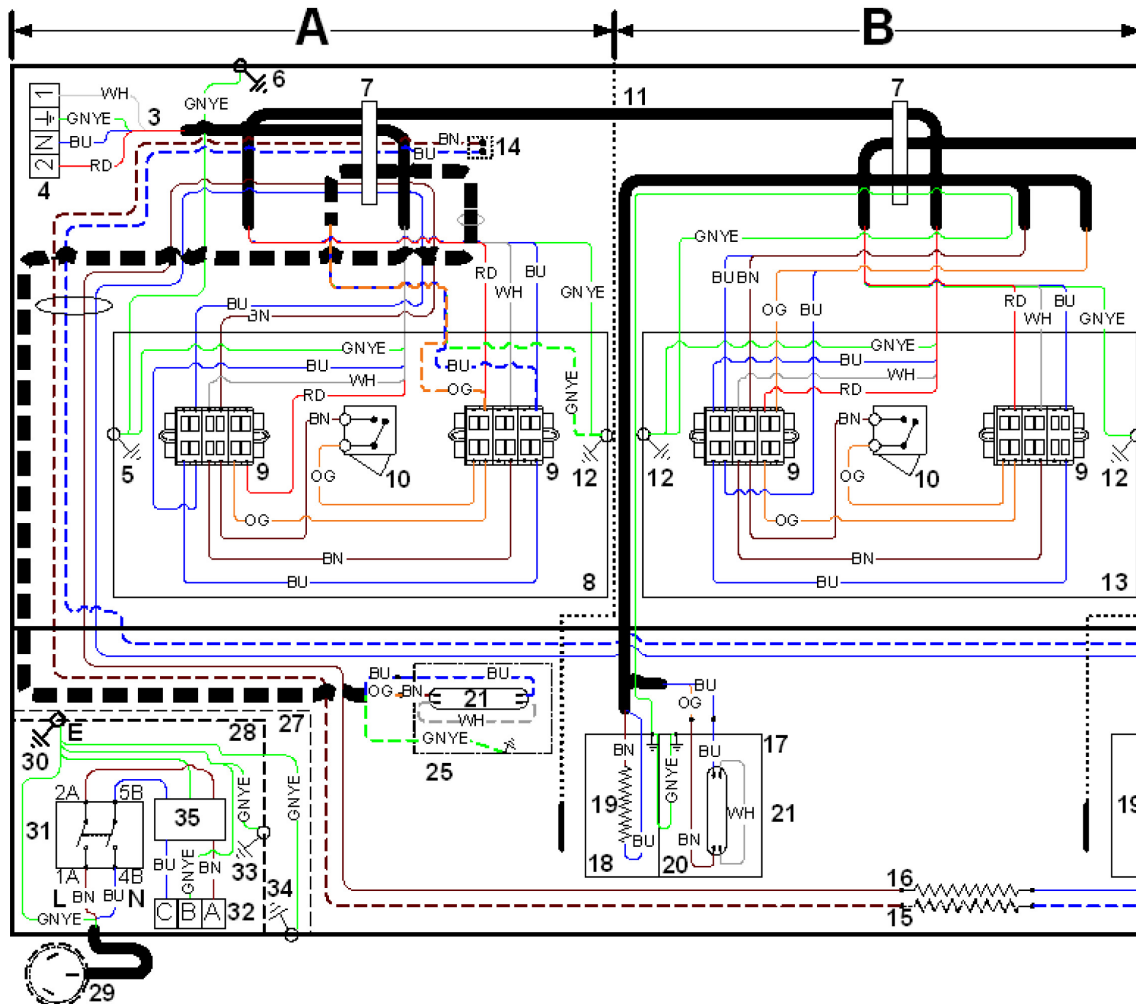
## Notes

[illegible]



## Wiring

### Cabinet Wiring Diagram

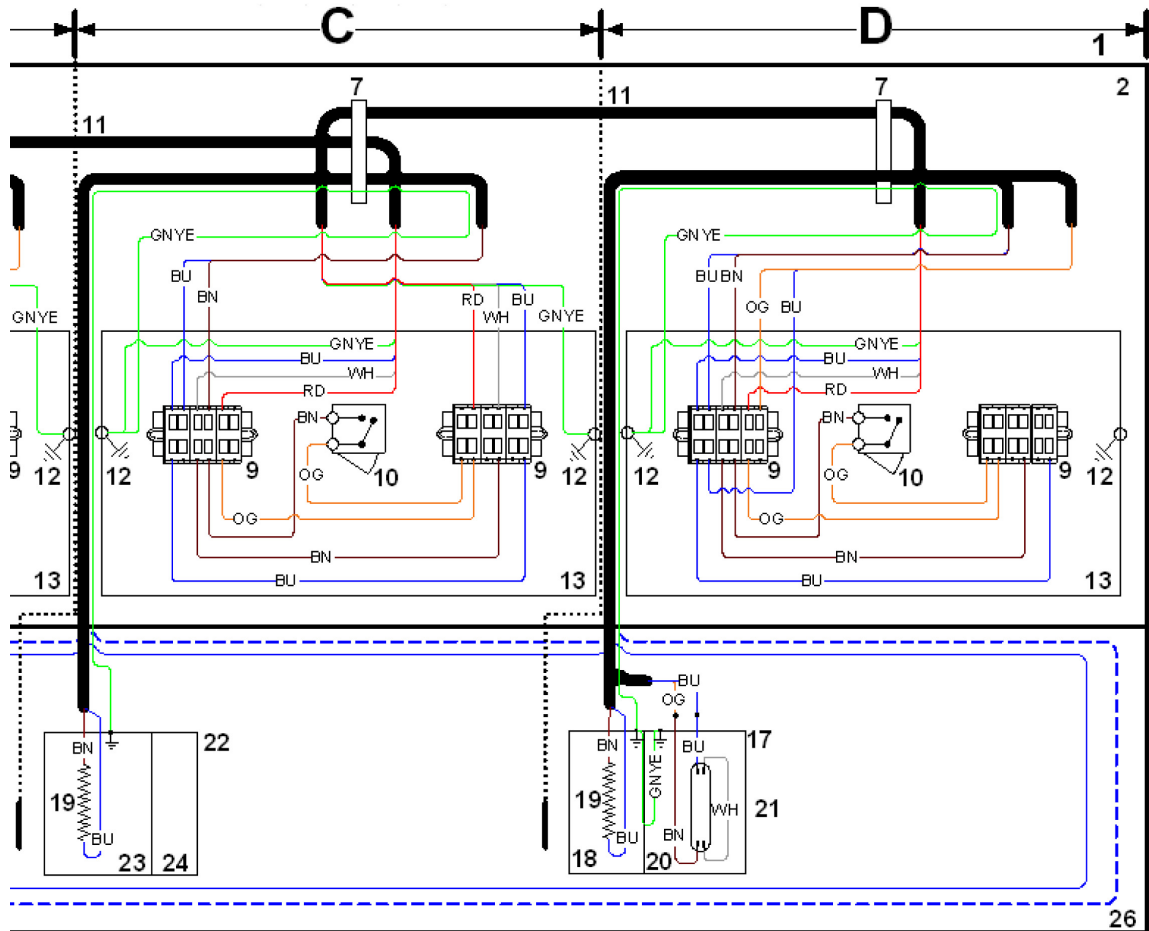


### Cabinet Wiring Component Key

| Item | Description   | Item | Description  |
|------|---|------|--|
| 1    | Foamed cabinet  | 10   | Single pole door activated switch                              |
| 2    | Cabinet stepped front top                                       | 11   | 4-Core link flex   |
| 3    | Cabinet supply flex with 4-Pole ENSTO plug                      | 12   | Link flex earth connections                                    |
| 4    | 4-Pole ENSTO plug*  | 13   | Cabinet wiring switched extension tray                         |
| 5    | Cabinet supply flex earth connection                            | 14   | Spare cabinet fascia heater wire supply wires (if available)   |
| 6    | Main cabinet chassis earth connection                           | 15   | Spare cabinet fascia heater wire (not connected, if available) |
| 7    | Flex tie (to guide wires & flexes on stepped cabinet front top) | 16   | Cabinet fascia heater wire (chiller, otherwise freezer)        |
| 8    | Cabinet wiring switched supply tray                             | 17   | Heated lit centre pillar assembly                              |
| 9    | 3-Pole screwless connector block                                | 18   | Heated lit centre pillar fascia assembly                       |

### Wiring Key

| Cabinet Model | Portions of Wiring Diagram | Single Door Roof Mount Light Assembly (item 25) |
|---------------|----------------------------|---|
| 1-Door        | Portion A                  | Included  |
| 2-Door        | Portions A & D             | Excluded  |
| 3-Door        | Portions A, B & D          | Excluded  |
| 4-Door        | Portions A, B, C & D       | Excluded  |



### Cabinet Wiring Component Key (continued)

| Item | Description   | Item | Description   |
|------|---|------|---|
| 19   | Centre pillar fascia heater wire (chiller, otherwise freezer) | 28   | Mains isolation box assembly (**NOT on remote cabinets) |
| 20   | Heated lit centre pillar back assembly                        | 29   | Mains supply flex (with 3-Pin plug fitted)              |
| 21   | LED tube cabinet light (5W)                                   | 30   | Mains supply earth connection                           |
| 22   | Heated centre pillar assembly (no light)                      | 31   | 2-Pole isolation switch                                 |
| 23   | Heated centre pillar fascia assembly                          | 32   | 3-Pole BLUE panel mount ENSTO socket - isolation socket |
| 24   | Heated centre pillar back assembly                            | 33   | Mains isolation box cover earth connection              |
| 25   | Single door cabinet roof mounted light assembly               | 34   | Refrigeration unit enclosure earth connection           |
| 26   | Cabinet fascia  | 35   | Schaffer EMI filter                                     |
| 27   | Refrigeration unit enclosure                                  |      |   |

### Wire Colour Key

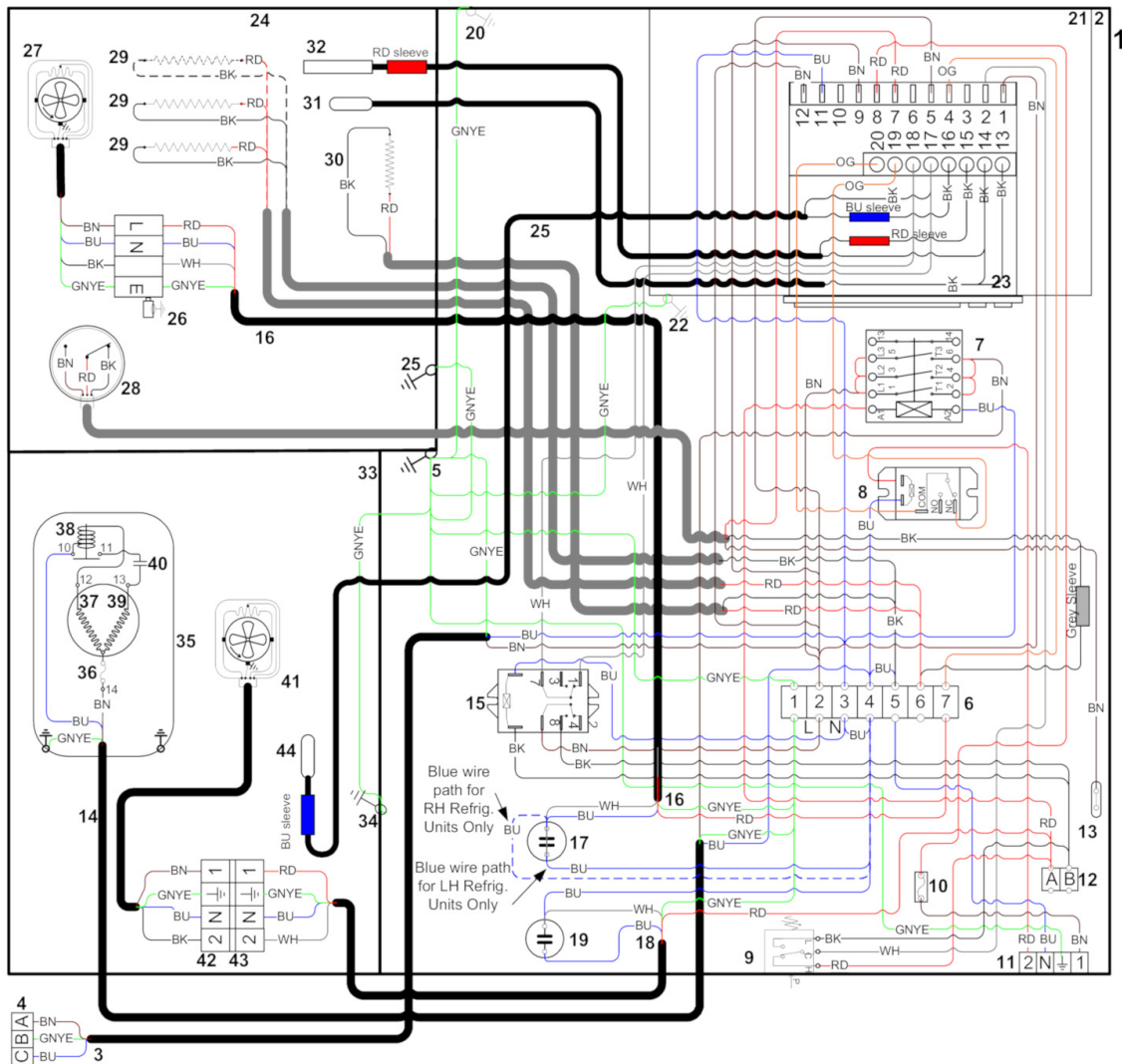
|    |        |      |                             |
|----|--------|------|-----------------------------|
| BK | Black  | BU   | Blue                        |
| BN | Brown  | GY   | Grey                        |
| RD | Red    | WH   | White                       |
| OG | Orange | GNYE | Green-Yellow                |
| GN | Green  |      | Based upon IEC 757 Standard |

\* For refrigeration unit wiring details, refer to 'Refrigeration Unit Wiring Diagram' on the following pages.

\*\* For remote refrigerators, the mains isolation box assembly is part of the refrigeration unit assembly.

## Refrigeration Unit Wiring Diagram

Models: UE50/60FCD



### Wire Colour Key

|    |        |                             |              |
|----|--------|-----------------------------|--------------|
| BK | Black  | BU                          | Blue         |
| BN | Brown  | GY                          | Grey         |
| RD | Red    | WH                          | White        |
| OG | Orange | GNYE                        | Green-Yellow |
| GN | Green  | Based upon IEC 757 Standard |              |

## Refrigeration Unit Wiring Component Key

Models: UE50/60ACD

| Item | Description   | Item | Description  |
|------|---|------|--|
| 1    | Refrigeration Unit Assembly   | 23   | Electronic Controller (programmed)   |
| 2    | Unit Wiring Junction Box  | 24   | Evaporator Box Assembly  |
| 3    | Refrigeration Unit Supply Isolation Flex (with 3-Pole Blue ENSTO plug fitted) | 25   | Evaporator Box Exterior Earth Connection                                   |
| 4    | 3-Pole Blue Free ENSTO Plug   | 26   | Terminal Box (for evaporator fan flex extension)                           |
| 5    | Refrigeration Unit Supply Isolation Flex Earth Connection                     | 27   | Evaporator Fan (CW rotation LE* for LH unit, CCW rotation LE* for RH unit) |
| 6    | 7-Pole Terminal Block   | 28   | Thermal Cutout   |
| 7    | Contactors  | 29   | Defrost Element (182W) (2 for UE50FCD, 3 for UE60FCD unit)                 |
| 8    | Relay - HONGFA (door open/close feedback)                                     | 30   | Compressor (used in UE60ACD unit only)                                     |
| 9    | High Pressure Switch  | 31   | Cabinet Ambient Temperature Probe (1.5m)                                   |
| 10   | Cabinet Supply Fuse (3A)  | 32   | Evaporator Coil Temperature Probe (1.5m) - red sleeve                      |
| 11   | 4-Pole Panel Mount ENSTO Socket (cabinet supply socket)                       | 33   | Condenser Assembly   |
| 12   | 2-Pole Terminal Block   | 34   | Condenser Assembly Earth Connection  |
| 13   | In-Line Insulator (for unused terminal)                                       | 35   | Compressor   |
| 14   | 3-Core Compressor Supply Flex   | 36   | Winding Protector / Thermal Overload - compressor (internal)               |
| 15   | Latching Relay  | 37   | Main Winding - compressor  |
| 16   | Evaporator Fan 4-Core Extension Flex  | 38   | Starting Relay - compressor  |
| 17   | Evaporator Fan Capacitor  | 39   | Start Winding - compressor   |
| 18   | Condenser Fan 4-Core Extension Flex (with 4-Pole ENSTO socket fitted)         | 40   | Starting Capacitor - compressor  |
| 19   | Condenser Fan Capacitor   | 41   | Condenser Fan (CW rotation LE*) (fitted with 4-Pole ENSTO plug)            |
| 20   | Unit Wiring Junction Box Cover Earth Connection                               | 42   | 4-Pole Free ENSTO Plug   |
| 21   | Electronic Controller Enclosure Assembly                                      | 43   | 4-Pole Free ENSTO Socket   |
| 22   | Electronic Controller Enclosure Earth Connection                              | 44   | Condenser Coil Temperature Probe (1.5m) - blue sleeve                      |

\*LE denotes the motor direction as viewed from the lead end.

\*\*For refrigeration cabinet wiring details, refer to 'Cabinet Wiring Diagram' on the previous pages.

## Advanced Servicing

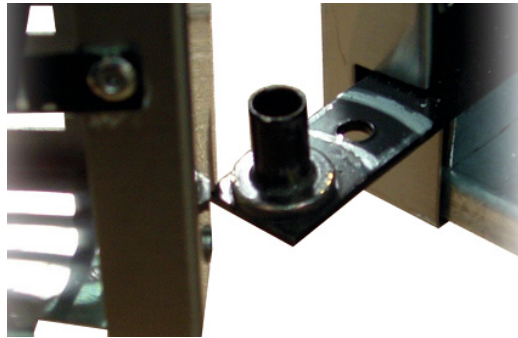
Servicing should be carried out by an authorised service agent. Detailed service and spares information is available in the SKOPE Pegasus Service Manual (MAN6789S) and detailed technical information on the SKOPE ir33 Controller can be found in the SKOPE Pegasus Technicians Manual (MAN3224).

### Removing the Refrigeration Unit

For ease of servicing, the entire refrigeration unit can be removed from the cabinet.

#### To remove the refrigeration unit

1. Open the unit cover.  
Remove the cover from the cabinet by lifting the bottom corner of the cover off the bottom hinge pin.



2. Switch off the cabinet isolating switch and unplug the blue power supply plug from underneath the isolating socket box.



3. Disconnect the cabinet supply plug from underneath the wiring junction box on the front of the refrigeration unit.

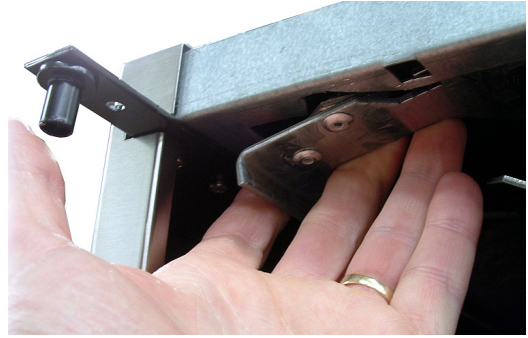


4. Remove the top clamp screw from the clamp mechanism on top of the unit.

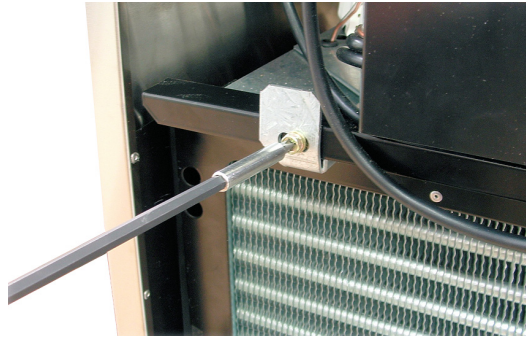




5. Pull the top clamp mechanism fully forward, into the relocation position on the front flange of the cabinet (this keeps the mechanism up out of the way).



6. Remove the bottom clamp screw from the front of the refrigeration unit.



7. Pull the bottom clamp lever forward, while applying adequate force to the right hand side of the wiring junction box to disengage the unit from the cabinet wall (the unit will need to move over approx. 60mm).



8. Carefully pull the refrigeration unit out from the unit compartment.

**IMPORTANT:** When refitting the refrigeration unit, refit the bottom clamp screw first before fitting the top clamp screw and prior to refitting, ensure that all seals are in good condition.



## Troubleshooting

| Complaint   | Possible Cause   | Repair  |
|---|--|---|
| 1. Cabinet not operating and no controller display:   | <ul style="list-style-type: none"> <li>• Loss of power supply.</li> </ul>  | <ul style="list-style-type: none"> <li>• Check mains power supply.</li> <li>• Check that the cabinet isolating switch is turned on (see page 7).</li> </ul>   |
| 2. Cabinet lights not operating:  | <ul style="list-style-type: none"> <li>• Failed LED light tube.</li> <li>• Controller high temperature shutdown alarm 'CHT'.</li> <li>• Cabinet ENSTO supply plug not plugged into control box.</li> </ul> | <ul style="list-style-type: none"> <li>• Replace LED light tube (see page 13).</li> <li>• Determine cause and eliminate (see pages 12).</li> <li>• Reconnect plug (see page 20).</li> </ul>             |
| 3. Power consumption is higher than expected:   | <ul style="list-style-type: none"> <li>• Unit operating too hot.</li> <li>• Cabinet doors are opened excessively.</li> </ul>   | <ul style="list-style-type: none"> <li>• Clean condenser. Ensure the chiller is installed with good ventilation around the refrigeration unit.</li> <li>• Keep door/s open for minimum time.</li> </ul> |
| 4. Product is too warm and spoiling:  | <ul style="list-style-type: none"> <li>• Restricted cabinet airflow.</li> <li>• Temperature setpoint is too warm.</li> </ul>   | <ul style="list-style-type: none"> <li>• Ensure product is not blocking airflow slots and the product is no closer than 75mm from the cabinet top.</li> <li>• Adjust setpoint (see page 11).</li> </ul> |
| 5. Warm cabinet temperatures and/or compressor operating for long periods (more than 1 hour): | <ul style="list-style-type: none"> <li>• Blocked condenser.</li> <li>• Poor refrigeration unit ventilation.</li> </ul>   | <ul style="list-style-type: none"> <li>• Clean condenser (see page 14).</li> <li>• Ensure the cabinet is installed with good ventilation around the refrigeration unit (see page 6).</li> </ul>         |



# SKOPE Contacts

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