



# Maintenance Manual

## VCC



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# Welcome to Adande® Refrigeration

## 1 What is Adande®?

Adande® is a new method of cold storage developed as a series of refrigerated drawers that offer storage temperature flexibility in 1°C increments between –22°C and +15°C.

Each refrigerated drawer:-

- Provides stable temperature storage
- A removable container to act as temporary cool and safe product storage.
- Gives full plan area access providing space efficient storage.
- Is easily cleaned or replaced.

## 2 Adande® Explained

Adande® uses standard technology and refrigeration parts but in a completely new and patented way.

A dedicated fridge engine supplies refrigerant to an evaporator coil assembly. The evaporator coil assembly then supplies cooling to the insulated container and is sized to maintain up to 40kg of product at any set point temperature, in the range of –22°C to +15°C.



*Figure 1: Front view of Adande® Single Drawer*

### 3 EC Declaration of Conformity

We declare that the following machinery complies with the essential health and safety requirements of:-

The Machinery Directive 2006/42/EC  
The Low Voltage Directive 2006/95/EC  
The Electromagnetic Compatibility Directive 2004/108/EC  
The Pressure Equipment Directive 97/23/EC

Machinery Description: 1 Drawer Appliance for Chilled Storage.

Make: Adande®.

Type: Adande® Drawer Refrigeration Units

Manufactured by Adande® Refrigeration Ltd.,

45 Pinbush Road, South Lowestoft Industrial Estate, Lowestoft, Suffolk NR33 7NL

The following transposed harmonised European Standards have been used:

EN ISO 12100 parts 1 & 2 Safety of Machinery – Basic concepts, general principles for design

EN ISO 13857 Safety of Machinery – Safety distances to prevent danger zones being reached by the upper and lower limbs.

EN ISO 13732-1: 2006 Ergonomics of the thermal environment -- Methods for the assessment of human responses to contact with surfaces -- Part 1: Hot surfaces

EN 1672-2 Food processing machinery – Basic concepts – Part 2 : Hygiene requirements

EN 61000-6-3:2001, Electromagnetic compatibility (EMC) - Part 6-3: Generic standards; Emission standard for residential, commercial and light- industrial environments

EN 61000-6-1 Generic Immunity Standard; Residential commercial and light industrial environments.

EN 60335-2-24 The Safety of Household and Similar Electrical Appliances – Part 2 –24: Particular Requirements for Refrigerating Appliances and Ice Makers.

The technical file for this machinery will be prepared on demand by :-

Name: Ian Wood

Position: Managing Director

Who signs on behalf of the manufacturer

ADANDE® REFRIGERATION

45 Pinbush Road

South Lowestoft Industrial Estate

Lowestoft

Suffolk

NR33 7NL.

## 4 Storage of Product

For the drawer to operate at full efficiency the heated seal should be maintained in good condition. It is essential that the product is not stored above the **"MAX FILL LEVEL"** line as this can damage the seal and affect the operation of the drawer.

The drawer is capable of storing any food product. However, products which may give off acidic odours like vinegar, onions, etc should be suitably sealed. Adande® also recommends storage containers with liquid food products be stored with lids.

Ensure that the product is never stacked above the **"MAX FILL LEVEL"** Label in the insulated container.

## 5 Operating Adande® Temperature Control System

The Adande® temperature control system allows you to set and control the drawer within a temperature range of -22°C (-8°F) and +15°C (59°F).

Temperature accuracy in the drawer will be maintained within  $\pm 2^{\circ}\text{C}$  of the set point.

### 5.1 The Display Controls

To adjust the temperature set point (*figure 2*) press and hold the "i" button, the drawer set point will then be displayed. While holding the "i" button Increase or decrease temperature using the arrow buttons, on release of both buttons the new set point will be stored.



*Figure 2: Adande® Display Control Panel*

## 5.2 Defrost

The refrigeration system automatically defrosts. If a manual defrost is required then press the manual defrost button on the control panel for 3 seconds.

## 5.3 Drawer Alarm

If the drawer is open for more than 3 minutes, the display in the control panel changes to "DO".

When the alarm has been activated, the Adande<sup>®</sup> unit will alarm both visually and audibly.

To silence the audible alarm, press ANY button on the display, or close the drawer. The alarm light and flashing display will continue to show until the drawer has been fully closed.

**NOTE: THERE IS NO COOLING TO THE INSULATED CONTAINER WHEN THE DRAWER IS OPEN.**

## 5.4 Error Alarm

If display reads "E1" or "E2", a temperature probe has failed, and an engineer should be called.

The Adande<sup>®</sup> drawer will operate with a 10 minute on / 10 minute off cycle in the event of an "E1" failure. This will help to maintain the stored product at a safe temperature, but precise temperature control will be lost. "E2" will only affect defrosts, and these will be timed to maintain operation of the unit. An engineer should be called as soon as possible for either fault.

## 5.5 Temperature Alarm

If "HI" should appear on the display, the drawer temperature has exceeded its set point by 7°C and product core temperature should be checked. This alarm may also be triggered if the Adande<sup>®</sup> drawer has recently been turned on, loaded with warm product or left open for a long period of time. If the temperature does not return to the set point temperature, an engineer should be called.

If "LO" should appear on the display, the drawer temperature has fallen below its set point by 7°C and product core temperature should be checked. This alarm may also be triggered if the Adande<sup>®</sup> drawer's temperature set point has recently been increased. If the temperature does not return to the set point temperature, an engineer should be called.

## 5.7 Location and Stability

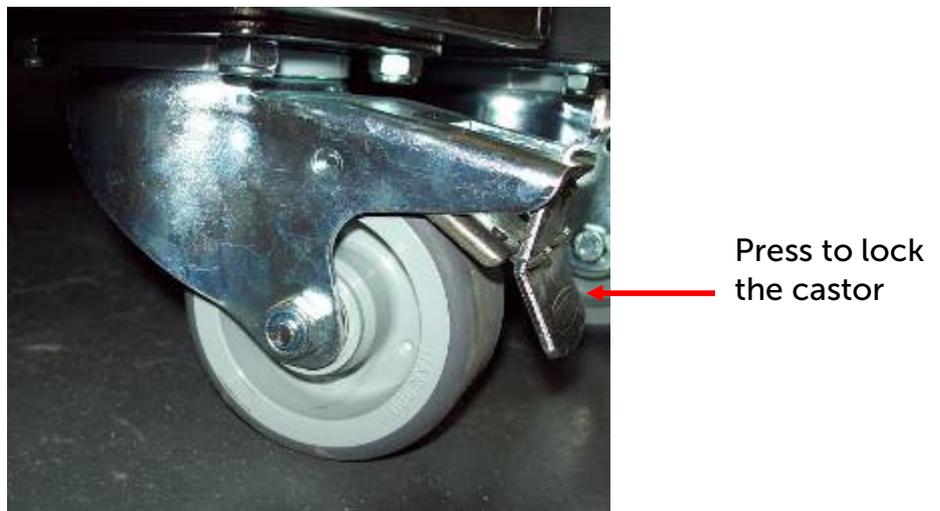
It is important that the Adande® drawer is installed and maintained on a flat, clean and level surface to ensure correct operation.

The room should be dry and sufficiently ventilated.

Optimum performance is obtained at ambient temperatures between +16°C (60°F) and +38°C (100°F).

**The air outlet grill MUST be kept clear at all times to maintain optimum performance.**

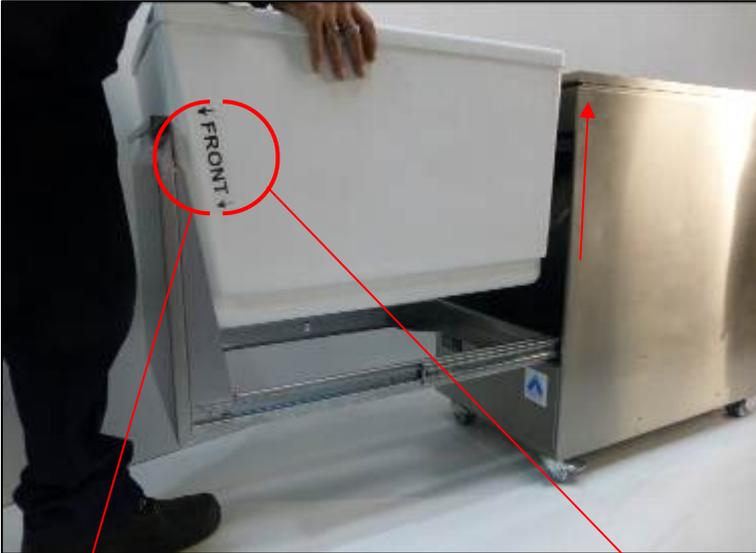
The Adande® drawer is mounted on castors, the front two castors should have their brakes ON during normal use as in *figure 4*.



*Figure 4: Lockable Castor*

## 6 Insulated Container Removal

For many of the maintenance procedures the insulated container will need to be removed to allow access. To remove the insulated container, first pull the drawer out fully so that the rear edge of the drawer clears the front and the runners are fully extended. Then as the photo below shows (*figure 6*) lift the container vertically up to remove (two people should lift the container out if still filled with product).



*Figure 6*

Insulated container  
removal/replacement



*Figure 6.1*

The insulated container will only fit with the recess of the plastic to the front of the drawer; this is also indicated with a "FRONT" sticker as shown in *figure 6.1*

## 7 Worktop Removal

To remove the worktop, first remove the two M5 X 8 bolts from the rear flange, lift the rear of the worktop and push slightly forward to slide over and clear from the front retaining slots (*figure 7*). Replacement is the reverse of the removal procedure.



*Figure 7: Worktop removal*

## 8 Rear Panel Removal

The rear panel of the drawer may require removal to gain access to the drain pipe or assist in diffuser and heated seal replacements. To remove the back panel, first remove the worktop (*chapter 7*), then remove all 8 off M5 Br. Zn. Pd. bolts as shown in *figure 8* below.



*Figure 8: Rear panel removal*

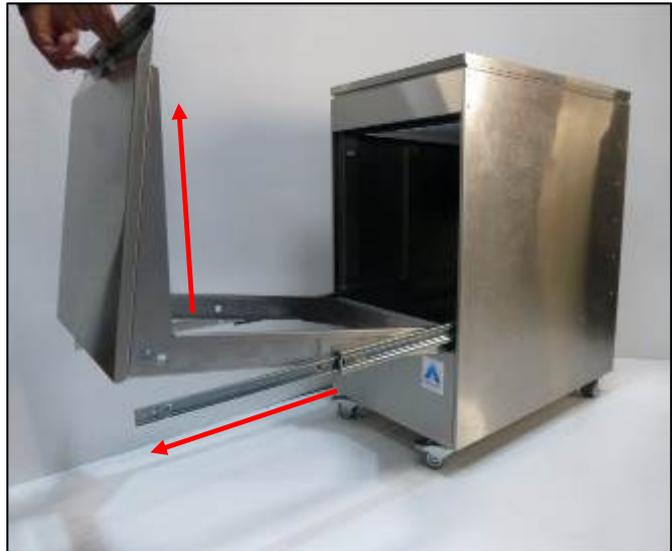
## 9 Drawer Front Removal

To remove the drawer front you will need to remove the two M5 countersink screws as shown in *figure 9* below.

Once these fixings are removed the drawer front will now clip off, upwards then forwards, as shown below in *figure 10*.



*Figure 9: Removing the two screws*



*Figure 10: Removing the drawer front*

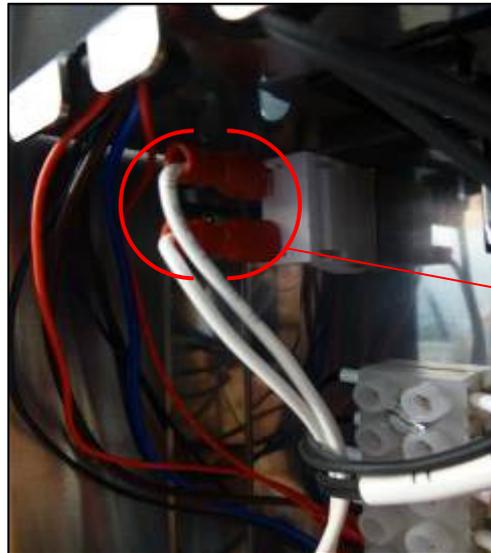
**NOTE: WHEN REPLACING DRAWER FRONT LOCTITE SHOULD BE USED ON THE SCREWS**



## 10 Drawer Switch Replacement

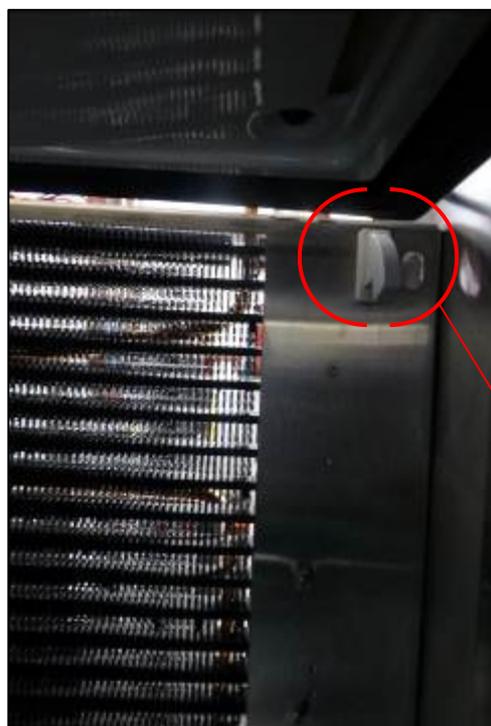
To gain access to or replace the drawer switch, remove the Insulated container and rear panel (*chapters 6 and 8*).

Remove the Spade Connectors from the back of the switch and push the switch through to the drawer cavity as shown in *figures 11 and 12*.



Spade connectors  
connected to the  
drawer switch

*Figure 11*



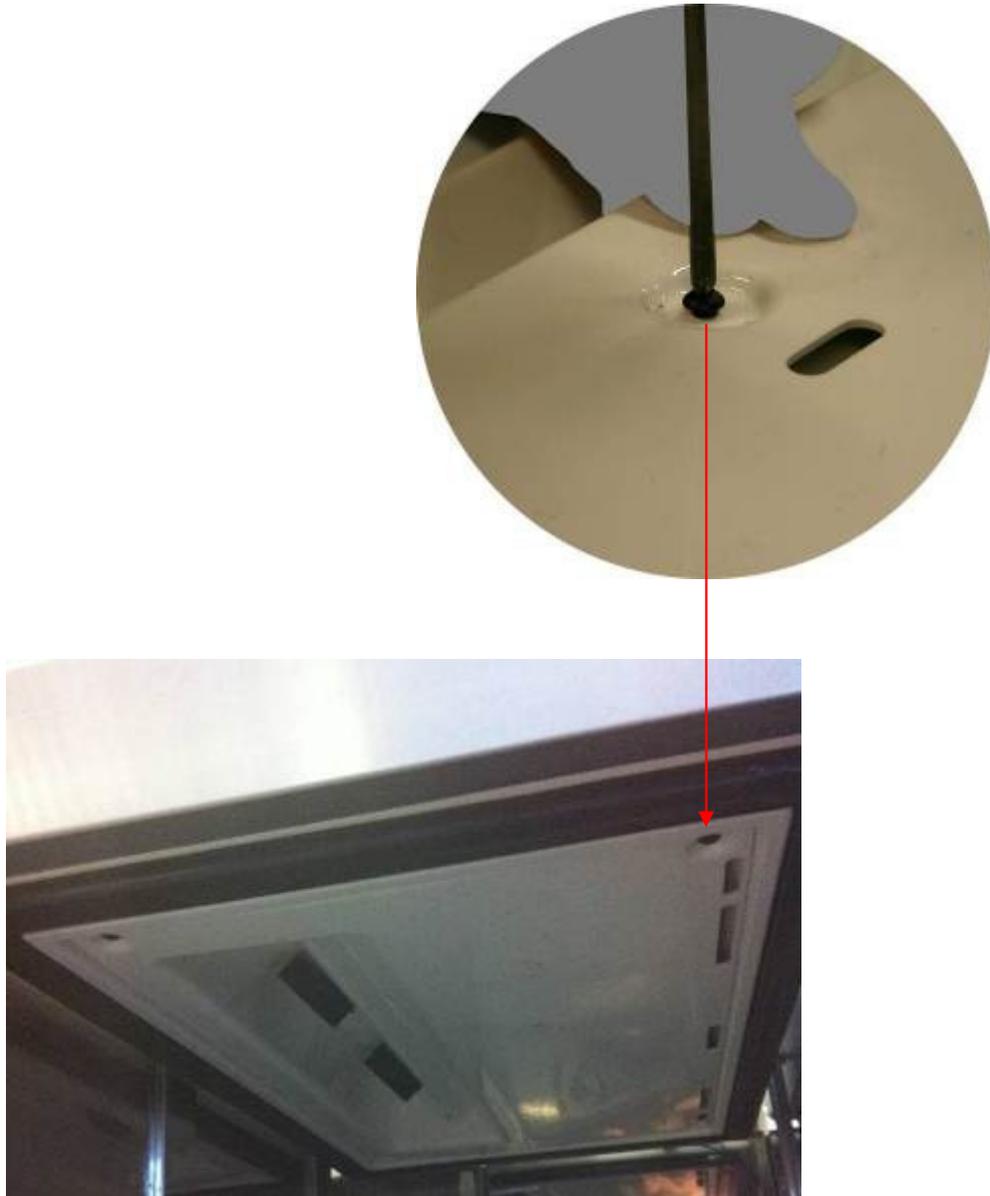
Drawer switch  
mounted on the  
Inner Wall rear  
Panel

*Figure 12*

## 11 Removing the Diffuser

To remove the diffuser the Insulated container will first need removing to allow access (*chapter 6*). To remove the diffuser from the lid the 4 plastic Pozi Drive screws will need removing as in *figure 13*. This will allow the diffuser to be lowered for access.

**NOTE: THE DIFFUSER WILL BE CONNECTED TO THE UNIT BY THE EVAPORATOR FAN WIRES**



*Figure 13: Lid Diffuser*

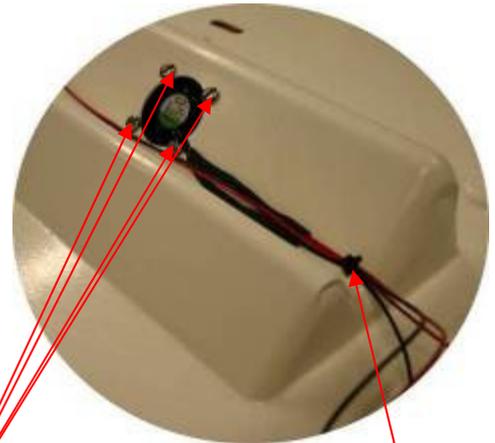
## 12 Evaporator Fan Replacement

Once the diffuser is removed, the fans can be also be removed first by cutting the cable tie in the fridge engine area, then cut the wires at the fan end and use these to pull through the new wire. Now undo the four self tapping screws that hold the fans in place as shown in *figure 14a*.

Firstly remove the worktop (*chapter 7*). The fan wires need to be disconnected from the electrical block (*chapter 20*), pull the new wires through the hole in the lid (as shown in *figure 14c* below) fit the new fan wires to the electrical block, mount the fans back on the diffuser as shown below in *figure 14b*. Replace all cable ties.



*Figure 14a: Evaporator fans*

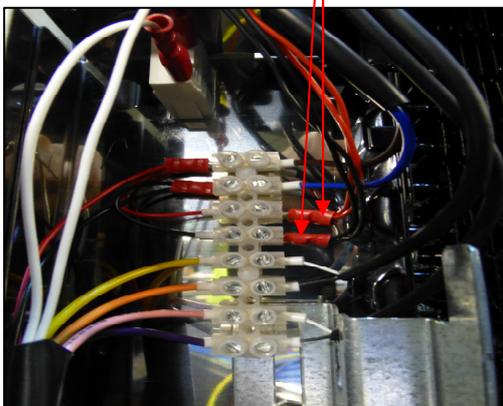


*Figure 14b*

Evaporator fan wires

4 off Fan self-tapping screws

Cable ties for fan wires



*Figure 14b*



*Figure 14c*

### 13 Drain Tray and Defrost Heater Removal and Replacement

To remove the drain tray the insulated container, drawer front, worktop, back panel & diffuser will need to be removed. (Refer to *chapters 6, 7, 8, 9, & 11*) Once this has been done remove the wires for the defrost heater from the electrical block as shown in *figure 16*.

**NOTE: ATTACH A SPARE PIECE OF DRAW WIRE TO THE OLD HEATER WIRES BEFORE PULLING WIRES OUT TO AID PULLING THROUGH NEW HEATER WIRES.**

Remove the refrigeration putty from around the copper and silicone sleeve where it enters the lid, next pull the silicone sleeve along with the copper drain from the drain tray spigot, now remove the two M4 X 10 pozi-pan screws and two M5 X 10 bolts with associated sealing washers that hold the drain tray to the evaporator, drop down the drain tray complete with defrost heater and remove.

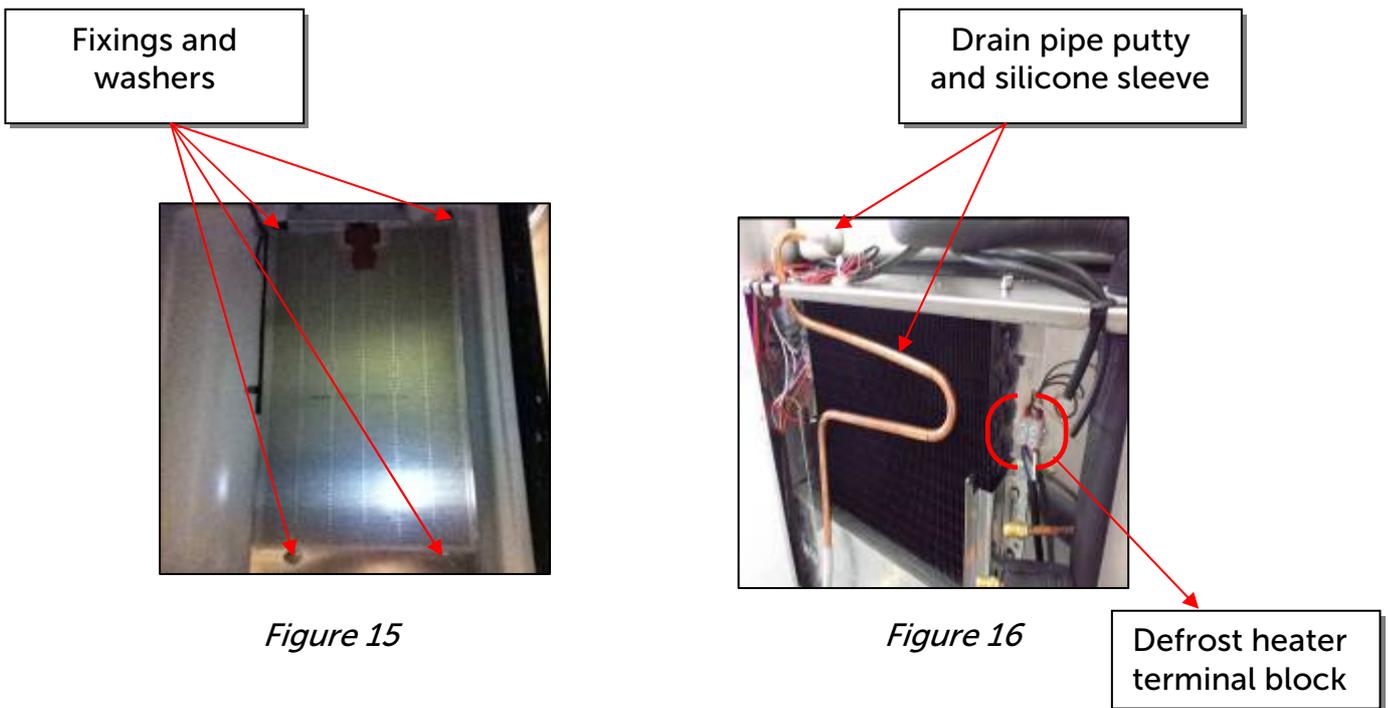


Figure 15

Figure 16

When replacing the drain tray take care not to bend the tray or the unit may not drain correctly, ensure all sealing washers are on the fixing bolts. Replace drain tray and make sure the silicone sleeve and copper drain butt up securely against the drain tray spigot.

Replace the refrigeration putty.

## 14 Evaporator Temperature Probe Replacement

To replace a faulty temperature probes the insulated container, drawer front, diffuser and drain tray will need to be removed. (Refer to *chapters 6, 9, 11 & 13*) to gain access to the evaporator coil. Remove the P-Clips holding the probes in place and the refrigeration putty from wire penetration in lid.

Disconnect the faulty probe from the electrical block and pull the probe wires through the lid and remove from the drawer. Install the new probes back through the electrical wire penetration hole in the lid and re connect to the electrical block, replace the P-Clips and refrigeration putty, as shown in *figure 17*.



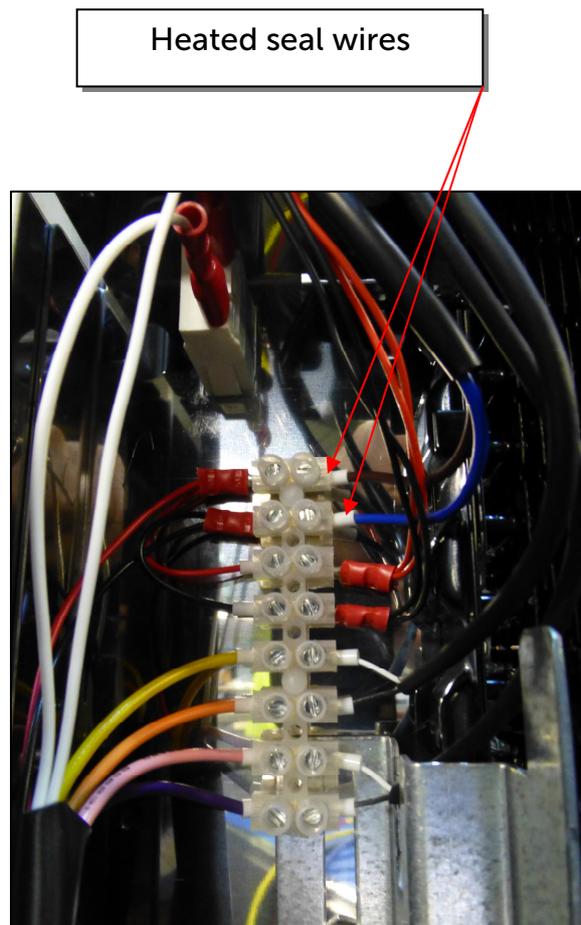
*Figure 17: Temperature probes held in place with P-Clips*

Replace  
Refrigeration  
Putty

## 15 Lid Heated Seal Replacement

To replace the seal first remove the insulated container and the drawer front (*Chapters 6 & 9*). Then with the power turned off cut the heated seals wires at the back left corner.

Pull the seal out of the retaining channel in the lid and replace with a new seal, push seal into corners of the retaining channel first for alignment and ensure worktop is fitted as the lid will 'retain' the 'floating lid' and avoid damaging any pipe work. After the seal has been replaced remove the worktop (*Chapter 7*) and connect the new seal to the electrical block as shown below in *figure 18*.



*Figure 18: Heated seal wires connection*

## 16 Seal Height Adjustment

The seal and lid height is critical to ensure:

- The correct closure and opening of the drawer
- To prevent the insulated container icing closed
- To prevent access of warm ambient air into insulated container

Lid Height adjustment is done automatically as the VCC drawer has a 'floating' lid and should automatically return to the correct position once the insulated container has been replaced.

## 17 Runner Replacement

To replace a drawer runner the Insulated container and drawer front will need to be removed to gain access (*Chapters 6 & 9*).

The runner can now be removed from the drawer, extend the runner slightly, and with a firm grip twist the runner toward the middle of the drawer this will allow the front of the runner to be lifted clearing the front fastenings, pull the runner forward to clear the rear fixing. See figures below.



*Figure 19a: Twist runner.*



*Figure 19b: Lift and pull forward*



*Figure 19c: Fixings in vertical wall supports and lancing's in runner outer beam*

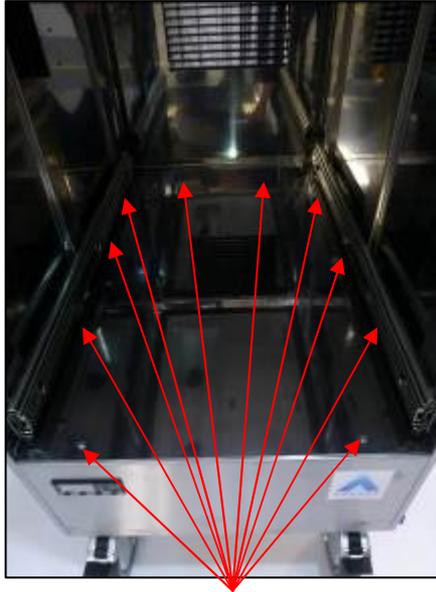
Replacing the runner is the reverse of the removal procedure, engage the rear lancing of the runner in the back vertical wall support and push horizontally to fully engage the rear lancing, engage the middle and front lancing's in their associated vertical wall supports and press down on the runner sharply, it should engage in the front vertical wall support with a 'CLICK', you should not now be able to lift the front of the runner vertically.

Fit the drawer front assembly in the same way by engaging the rear fixing first with a horizontal motion then engage the front 2 lancing's and press down fully engaging both, ensure the hole in the front of the runner lines up with the hole in the container support, and refit the M5 X 8 countersink screws.

If required the runner can be lightly greased with food grade grease.

## 18 Condenser Fan Replacement

To replace the condenser fan the insulated container and the drawer front will have to be removed (*Chapters 6 & 9*). The chamber base panel will need to be removed by removing 10 off M5 Br. Zn. Pd. Bolts, 6 of them are located just below the runners as shown below.



*Figure 20: Base panel fixings (10 off)*

Once these have been removed the base will slide forward revealing the condenser fan. Remove the four fixing screws and remove the fan (*figure 21*) and disconnect the wires. Reverse this to replace the fan and re-connecting the wires.



4 Off M4 X 50 Br.Zn.Pd. Screws

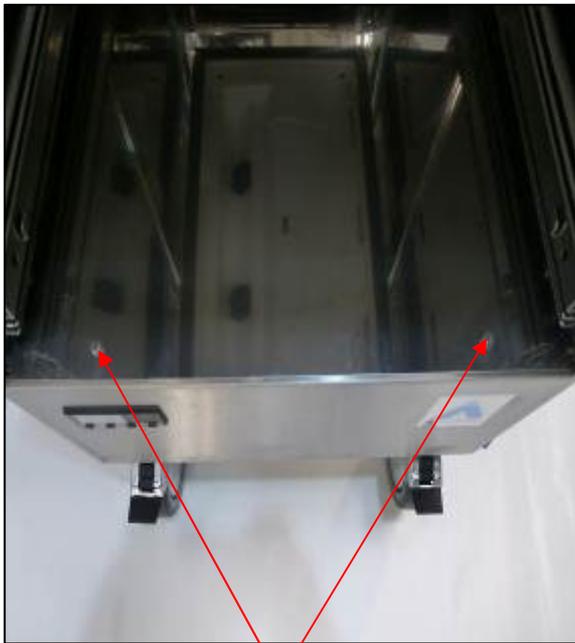
*Figure 21: Condenser Fan mounting*

## 19 Front panel removal

To remove the front panel first remove the insulated container and the drawer front (Chapter 6 & 9).

**NOTE: POWER MUST BE ISOLATED BEFORE REMOVING ANY PANELS**

Then remove the 2 off M5 Br. Zn. Pd. Bolts, pull the panel forward and lift to remove as shown below in *figure 22a* and *22b*.



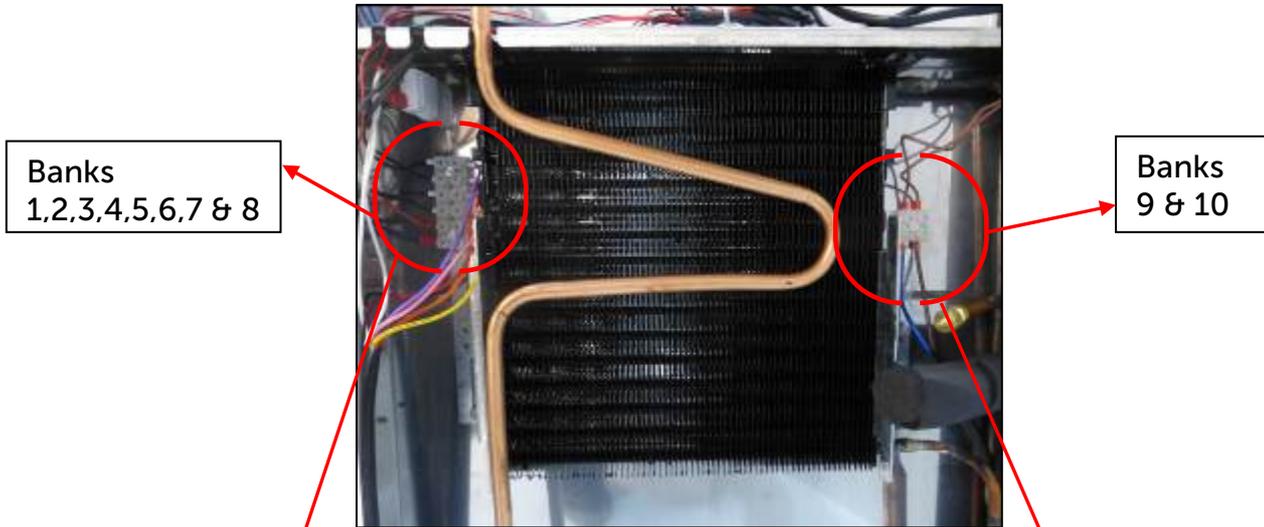
*Figure 22a*  
2 Off M5 Br.Zn.Pd. Bolt



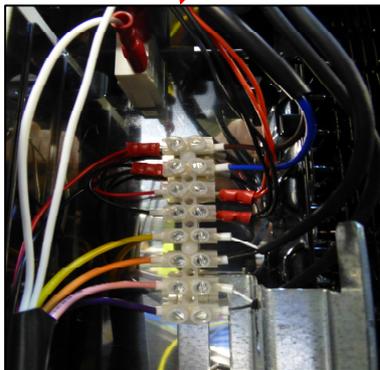
*Figure 22b: Front Panel Removal*

## 20 Electrical components

There are two areas of interest for the electrical system. For evaporator fans, temperature probes, defrost heater and heated seal, there is an electrical block located underneath the worktop at the rear of the drawer. As shown in *figure 23* below. To gain access to this, remove worktop and back panel (*Chapters 7 & 8*).



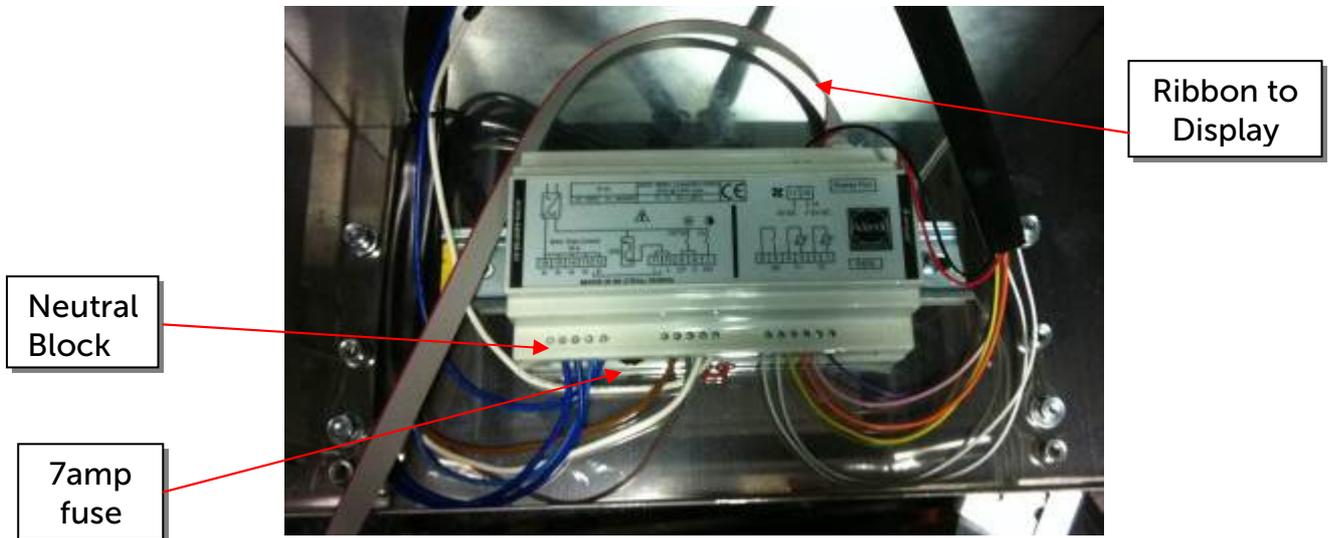
*Figure 23: Electrical Block*



Electrical Block	
<b>1</b>	12v Seal Heater Live
<b>2</b>	12v Heater Neutral
<b>3</b>	12v Evaporator Fans Live
<b>4</b>	12v Evaporator Fans Neutral
<b>5</b>	T1 Temperature Probe White
<b>6</b>	T1 Temperature Probe Black
<b>7</b>	T2 Temperature Probe White
<b>8</b>	T2 Temperature Probe Black
<b>9</b>	Defrost heater 240V Neutral
<b>10</b>	Defrost heater 240V Live

The other area where the controller and the above 'extensions' lead to, is located behind the front grill. (Refer to *Chapter 19*).

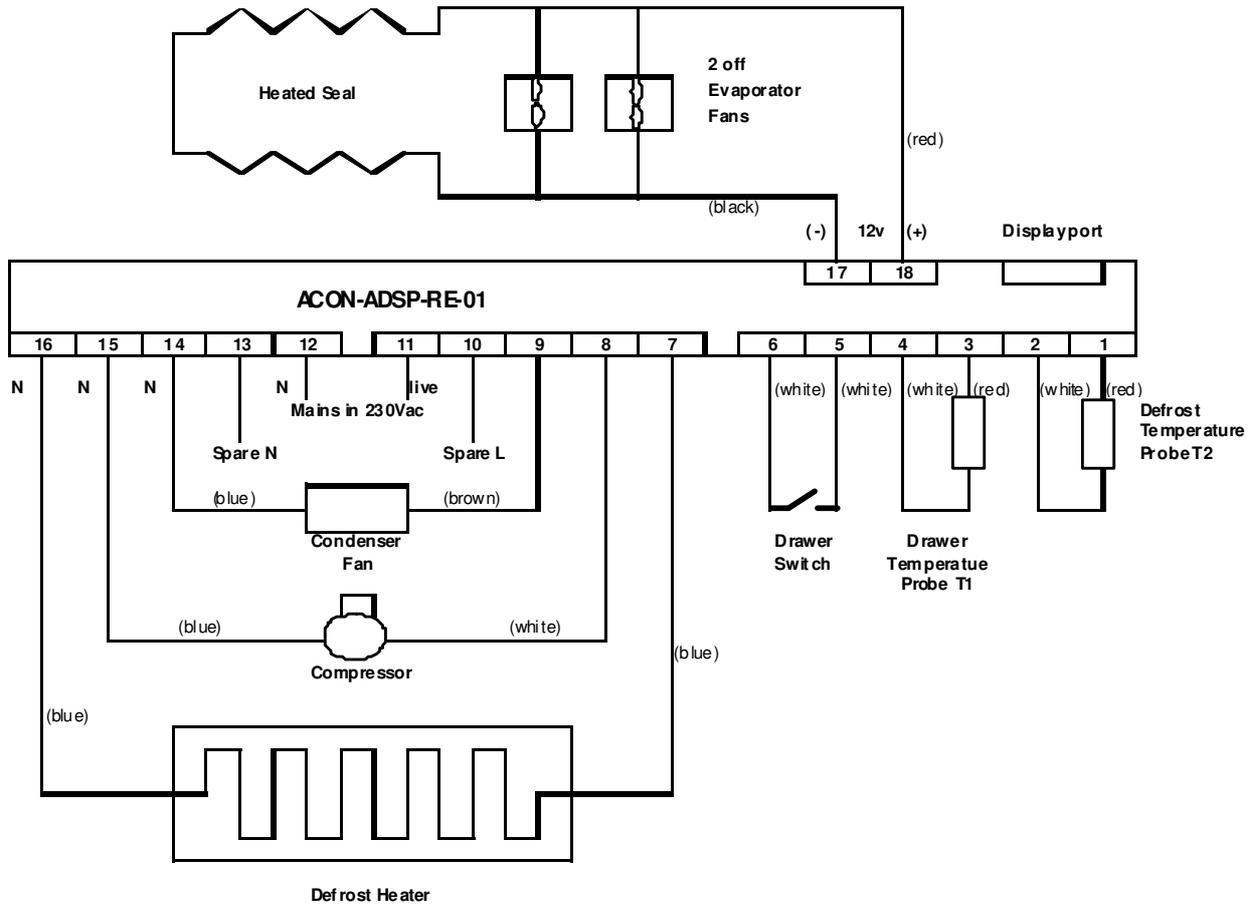
Each Adande drawer is fitted with a 6.3 amp fuse in which is situated in the controller (*figure 24*).



*Figure 24: Controller*

Controller	
1	Defrost temperature probe
2	Defrost temperature probe
3	Evaporator fans drawer temperature probe
4	Evaporator fans drawer temperature probe
5	Drawer switch
6	Drawer switch
7	Defrost heater live
8	Compressor live
9	Condenser fan live
10	Mains live in
11	
12	Defrost heater neutral
13	Compressor neutral
14	Condenser fan neutral
15	Mains neutral in
16	
17	12v DC neutral
18	12v DC live

# Wiring Diagram for Adande ACON-ADSP-RE-01 Controller



## 21 Mains Lead Replacement

To replace a faulty or damaged mains lead, first isolate the power supply to the drawer, then remove the rear panel, refer to *chapter 8*.

Remove the two pozi head screws securing the mains cable using a stubby screw driver (*figure 25a*). Pull the terminal block from its mount to allow easy access to remove the wires (*figure 25b*), using a flat head screw driver remove the wires from the block (*figure 25c*).

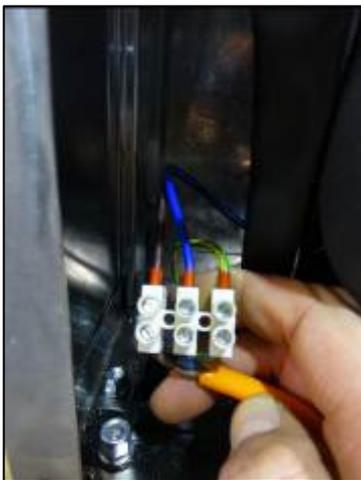
Remove the faulty/damaged mains lead from the drawer and replace with new one in the reverse process ensuring that all wires are neat and secure (*figure 25d*)



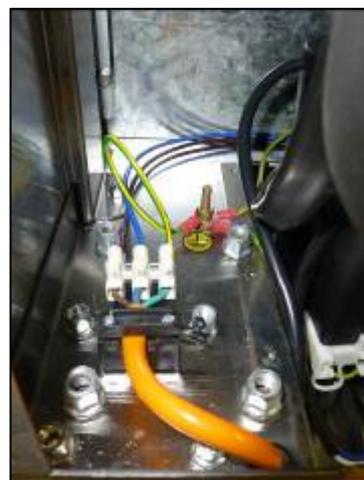
*Figure 25a*



*Figure 25b*



*Figure 25c*



*Figure 25d*

## 22 Settings for Adande controller R404a

The Settings menu is accessed by pressing the 2 outer buttons X + i for 5 seconds

<i>Code</i>	<i>Setting</i>	<i>Description</i>	<i>Code</i>	<i>Setting</i>	<i>Description</i>
SCL	1.0°C	Readout scale	AHA	0	High temp alarm threshold
SPL	-22	Min temperature set point	ALR	-7	Low temp alarm differential
SPH	15	Max temperature set point	AHR	7	High temp alarm differential
SP	3.2	Effective temperature set point	ATD	60	Delay before alarm warning
C-H	REF	Ref or Htg control mode	ADO	3	Drawer alarm delay
HYS	2.0	Thermostat hysteresis	ACC	0	Periodic condenser cleaning
CRT	05	Compressor rest time	IISM	non	2 <sup>nd</sup> set switch mode
CT1	5	Compressor run time with sensor T1 failure	IISL	-20	Min 2 <sup>nd</sup> temperature set point
CT2	5	Compressor off time with sensor T1 failure	IISH	15	Max 2 <sup>nd</sup> temperature set point
CSD	1	Compressor stop delay from door opening	IISP	3	Effective 2 <sup>nd</sup> temperature set point
DFR	4	Defrosting frequency/24h	IIHY	3	Hysteresis of 2 <sup>nd</sup> temperature
DLI	8	Defrost end temperature	IIFT	1	Optimised fan control in mode 2
DTO	25	Max defrost duration	IIDF	3	Defrost timer start in mode 2
DTY	ELE	Defrost type	SB	YES	Button (0/1) enabling
DRN	6	Drain down time	DS	YES	Drawer switch enabling
DDY	30	Defrosting display control	LSM	Non	Light control mode
FID	No	Fans active during defrost	OAU	DEF	Enables defrost control
FDD	-15	Fan restart temp after defrost	INP	SN4	Temp sensor selection
FTC	NO	Evaporator fan timed out	OS1	0	Probe 1 offset
FT1	0	Fan stop delay after comp stop	T2	YES	Probe 2 enabling
FT2	0	Timed fan stop	OS2	0	Probe 2 offset
FT3	0	Timed fan run	TLD	5	Delay for min/max temp. logging
ATM	REL	Alarm thresholds	SIM	100	Display slowdown
ALA	0	Low temp alarm threshold	ADR	1	Address for PC communication

## 23 Settings for Adande controller R600a

The Settings menu is accessed by pressing the 2 outer buttons X + i for 5 seconds

<i>Code</i>	<i>Setting</i>	<i>Description</i>	<i>Code</i>	<i>Setting</i>	<i>Description</i>
SCL	1.0°C	Readout scale	AHA	0	High temp alarm threshold
SPL	-22	Min temperature set point	ALR	-7	Low temp alarm differential
SPH	15	Max temperature set point	AHR	7	High temp alarm differential
SP	3.2	Effective temperature set point	ATD	60	Delay before alarm warning
C-H	REF	Ref or Htg control mode	ADO	3	Drawer alarm delay
HYS	2.0	Thermostat hysteresis	ACC	0	Periodic condenser cleaning
CRT	05	Compressor rest time	IISM	non	2 <sup>nd</sup> set switch mode
CT1	10	Compressor run time with sensor T1 failure	IISL	-20	Min 2 <sup>nd</sup> temperature set point
CT2	10	Compressor off time with sensor T1 failure	IISH	15	Max 2 <sup>nd</sup> temperature set point
CSD	2	Compressor stop delay from door opening	IISP	3	Effective 2 <sup>nd</sup> temperature set point
DFR	4	Defrosting frequency/24h	IIHY	3	Hysteresis of 2 <sup>nd</sup> temperature
DLI	8	Defrost end temperature	IIFT	1	Optimised fan control in mode 2
DTO	25	Max defrost duration	IIDF	3	Defrost timer start in mode 2
DTY	ELE	Defrost type	SB	YES	Button (0/1) enabling
DRN	6	Drain down time	DS	YES	Drawer switch enabling
DDY	30	Defrosting display control	LSM	Non	Light control mode
FID	No	Fans active during defrost	OAU	DEF	Enables defrost control
FDD	-22	Fan restart temp after defrost	INP	SN4	Temp sensor selection
FTC	NO	Evaporator fan timed out	OS1	+1	Probe 1 offset
FT1	0	Fan stop delay after comp stop	T2	YES	Probe 2 enabling
FT2	0	Timed fan stop	OS2	0	Probe 2 offset
FT3	0	Timed fan run	TLD	5	Delay for min/max temp. logging
ATM	REL	Alarm thresholds	SIM	100	Display slowdown
ALA	0	Low temp alarm threshold	ADR	1	Address for PC communication

## 24 Refrigeration Maintenance

A standard hermetically sealed R600a/R404a vapour compression refrigeration circuit is used in the Adande® system and will need minimum maintenance.

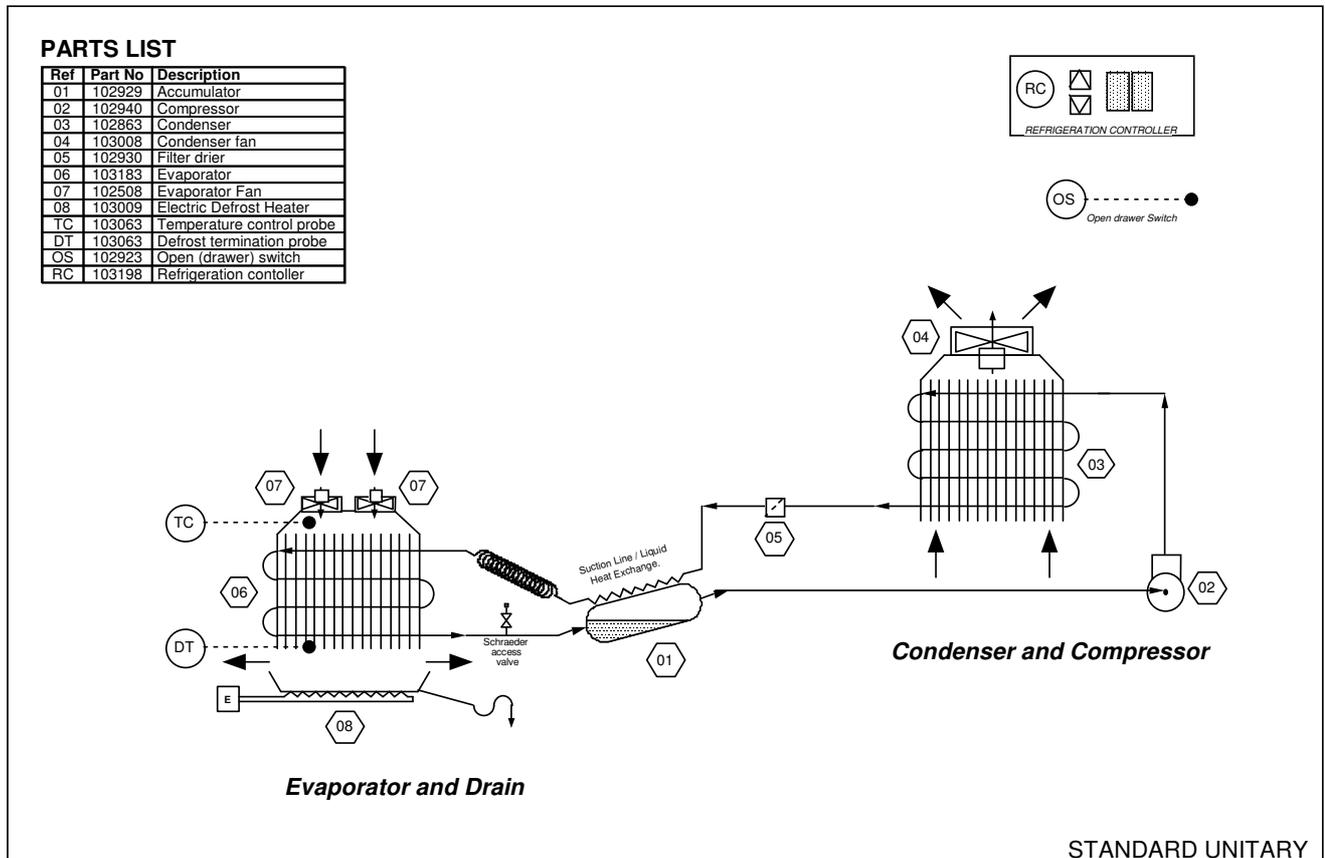


Figure 25: Refrigeration circuit diagram

The unique design for airflow over the condenser means that the majority of any airborne contaminants are deposited on the easily cleaned surfaces of the drawer cabinet and the insulated container.

In the unlikely event of the condenser becoming blocked, it can be accessed for cleaning by removing the insulated container and cleaned in the normal way.

## 25 Fault Finding

### 25.1 Drawers not operating correctly

Possible Cause	Recommended Action
Runners require lubrication	Lubricate runners, see Chapter 17
Runners are mechanically damaged	Replace runners, see Chapter 17
Ice build up causing diffuser to hit drawer	Check defrost heater operation and drain for blockages see Chapter 13

### 25.2 Seals and/or container rim have ice and condensation

Possible Cause	Recommended Action
Seal is contaminated	Clean the seal
Seal damaged	Replace seal, see Chapter 15
Seal heater is not working	a) Check 12 v power supply from controller, see Chapter 20 b) Check seal heater continuity, Replace seal if faulty, see Chapter 15
Product/packaging trapped between drawer rim and lid distorting seal	Ensure stored product is below Max Fill line in insulated container.

### 25.3 Drawer is not maintaining set temperature

Possible Cause	Recommended Action
Failure of evaporator fans	a) Check drawer switch operation b) Check 12v power supply from controller, see Chapter 20 c) Check evaporator fans. Replace evaporator fans if necessary, see Chapter 12
Seal failure	Check condition of heated seal
Excessive icing of evaporator coil	a) Check defrost operation b) Check defrost heater operation c) Manually defrost d) Check/clean drain from evaporator e) Check seal condition
Drawer temperature probe faulty	Replace temperature probe
Defrost termination probe faulty	Replace temperature probe
Blocked capillary line	Replace capillary tube.
Low refrigerant	Search for leak in system, repair leak and recharge with refrigerant
Failure of condenser fan	Check the condenser fan is operational, see Chapter 18
Condenser coil is blocked	Clean condenser coil
Failure of compressor	Replace compressor if faulty.

## 25.4 The drawer does not power up

Possible Cause	Recommended Action
Fuse has failed in mains plug	Check fuse, if it has failed investigate for possible cause before fitting new 13A fuse.
Fuse has failed within electrical system	Check 6.3 amp fuse – see Chapter 20
No mains power at mains terminals	If mains fuse OK then check wiring of the plug. Ensure power is switched off at socket.
Faulty mains lead	Replace mains lead – see Chapter 21 Investigate cause

## 25.5 Evaporator fans run when drawer is open

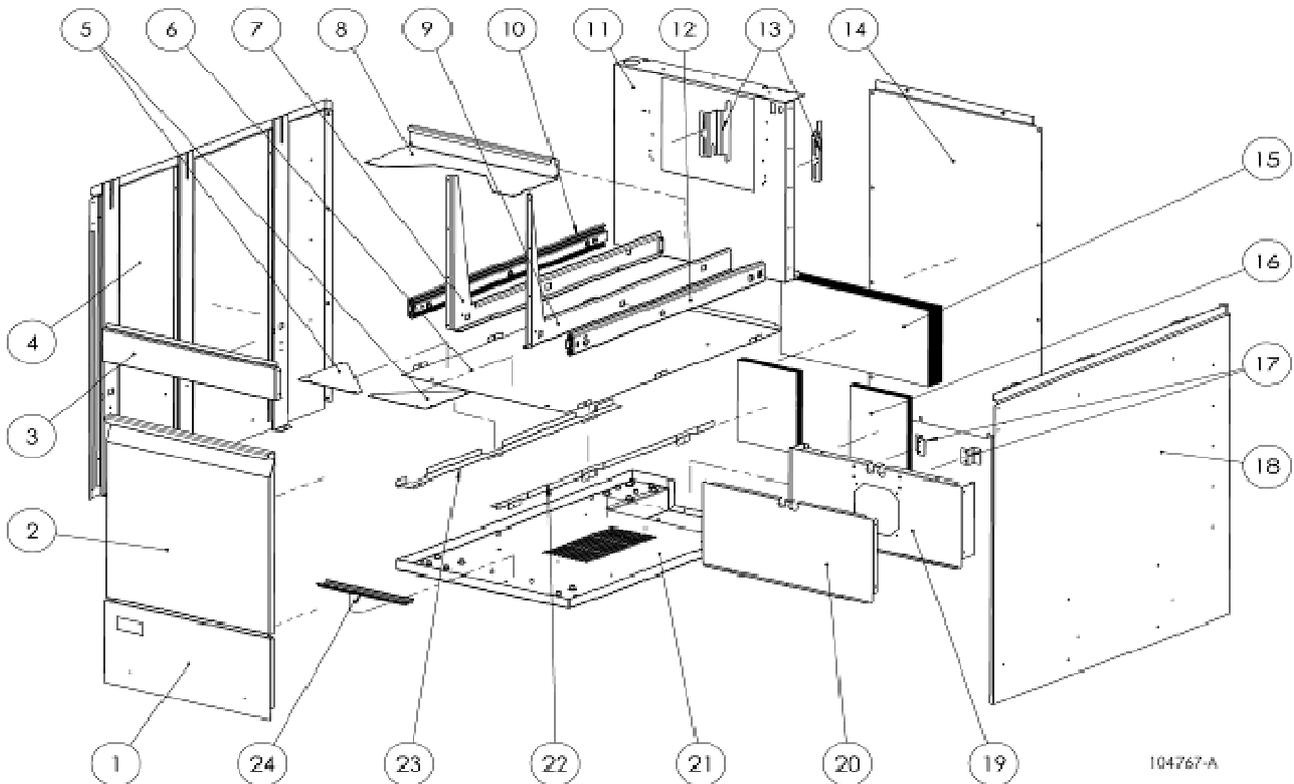
Possible Cause	Recommended Action
Controller has failed.	Replace Controller

## 25.6 Evaporator fans do not run when drawer is closed

Possible Cause	Recommended Action
Drawer switch has failed	Replace switch
12 v power supply failed	Check 12v power supply from controller Check wiring to fans for damage

## 26 Exploded diagrams

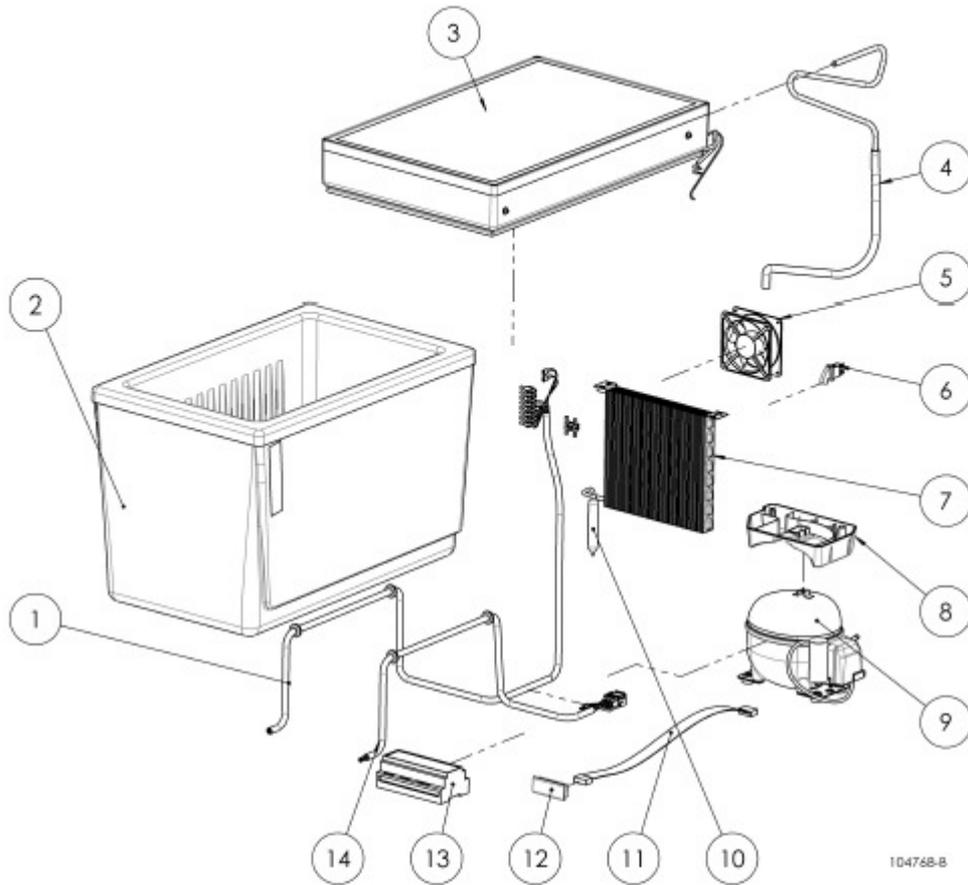
### 26.1 Housing spare parts



104767-A

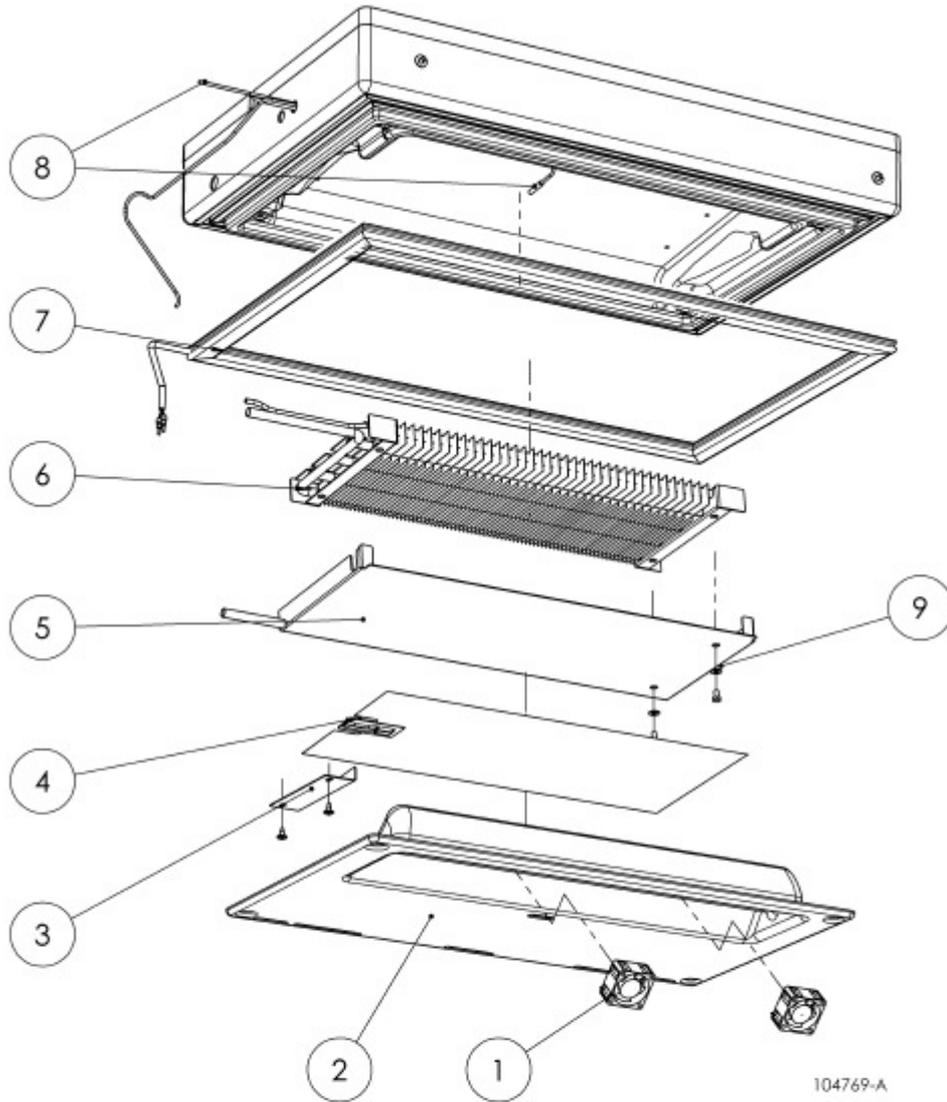
Item	Part No.	Description	Item	Part No.	Description
1	103885	PANEL FRONT ACCESS ASSEMBLY	14	103894	PANEL REAR
2	103890	DRAWER FRONT	15	103905	PANEL COUNTERBALANCE
3	103887	CHANNEL UPPER FRONT	16	103972	COUNTERBALANCE WEIGHT LOWER
4	103868	PANEL HOUSING LH ASSEMBLY	17	104122	BRACKET COUNTERBALANCE WEIGHT RESTRAINT
5	104123	BRACKET CONTAINER ASSEMBLY STIFFENING	18	103867	PANEL HOUSING RH ASSEMBLY
6	103881	PANEL DRAWER CHAMBER BASE	19	103874	PANEL FAN MOUNTING
7	103889	CONTAINER SUPPORT LH	20	104129	PANEL ELECTRICAL COMPARTMENT ISOLATION
8	103891	CHANNEL CONTAINER BACK STOP	21	104155	PANEL BASE ASSEMBLY
9	103888	CONTAINER SUPPORT RH	22	103875	BRACKET SUPPORT RH CONTAINER CHAMBER BASE
10	104740	DRAWER SLIDE LH ASSEMBLY	23	103876	BRACKET SUPPORT LH CONTAINER CHAMBER BASE
11	103971	PANEL INTERNAL REAR	24	103575	DIN RAIL
12	104741	DRAWER SLIDE RH ASSEMBLY			
13	104552	BRACKET C/BALANCE WEIGHTS & CONDENSER RESTRAINT			

## 26.2 Fridge, Electrical System and drawer



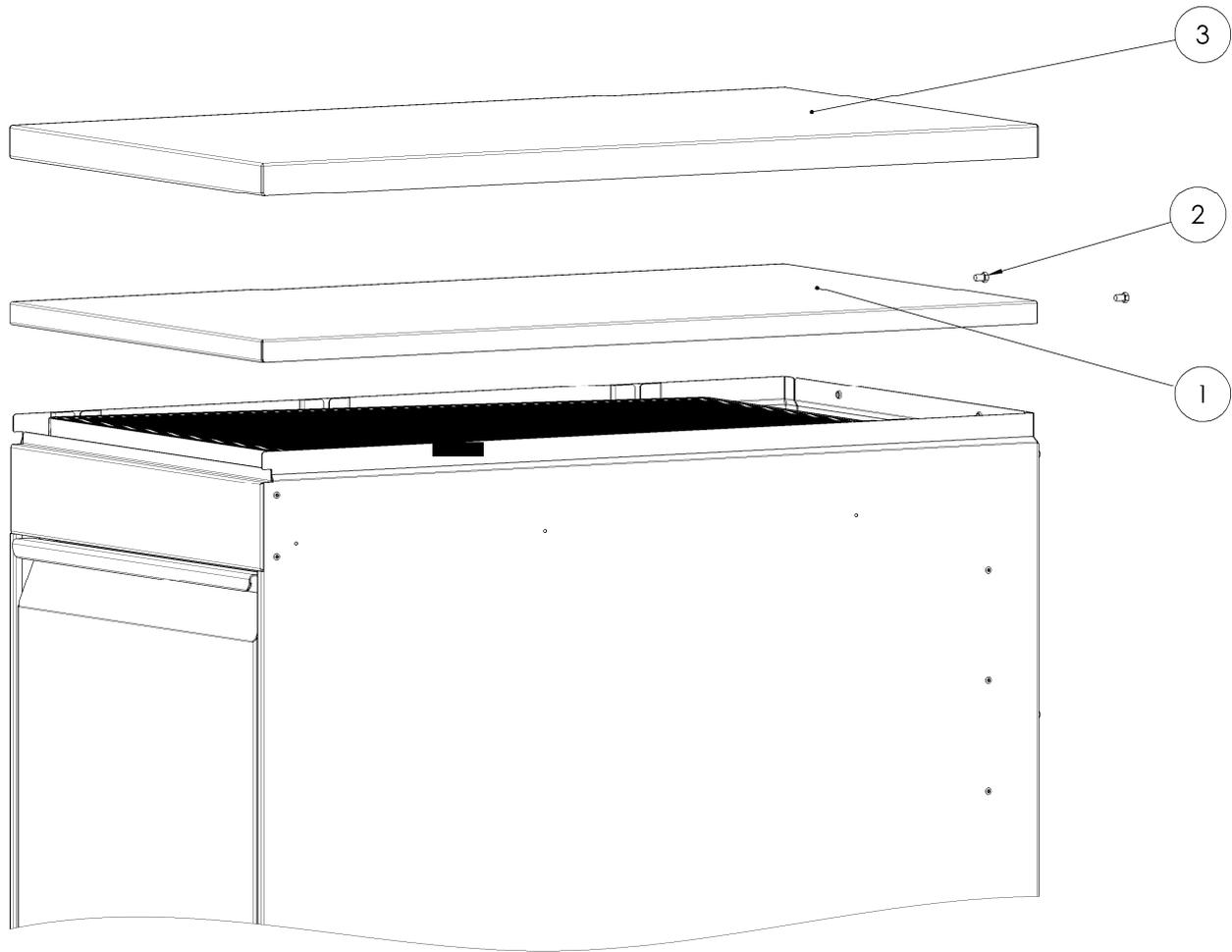
Item	Part No.	Description	Item	Part No.	Description
1	104151	HARNES MAINS VOLTAGE (VCC)	9	103969	COMPRESSOR EMT2117GK (VCC)
2	103790	INSULATED CONTAINER	9	103795	COMPRESSOR NBU1118Y (eVCC)
3	103896	INSULATED LID BUILT ASSEMBLY	10	102930	FILTER DRIER
4	103936	DEFROST DRAIN TUBE	11	104659	RIBBON CABLE (EXTENSION)
5	103008	AXIAL FAN	12	103755	DEFROST CONTROLLER DISPLAY
6	102923	DRAWER SWITCH	13	103744	REFRIGERATION CONTROLLER
7	103158	CONDENSER TUBELESS	14	104150	HARNES LOW VOLTAGE (VCC)
8	103970	EVAPORATOR TRAY EMT2117GK (VCC)			
8	104048	EVAPORATOR TRAY NU1118Y (eVCC)			

## 26.3 Insulated Lid (part No. 103896 – Complete Assembly)



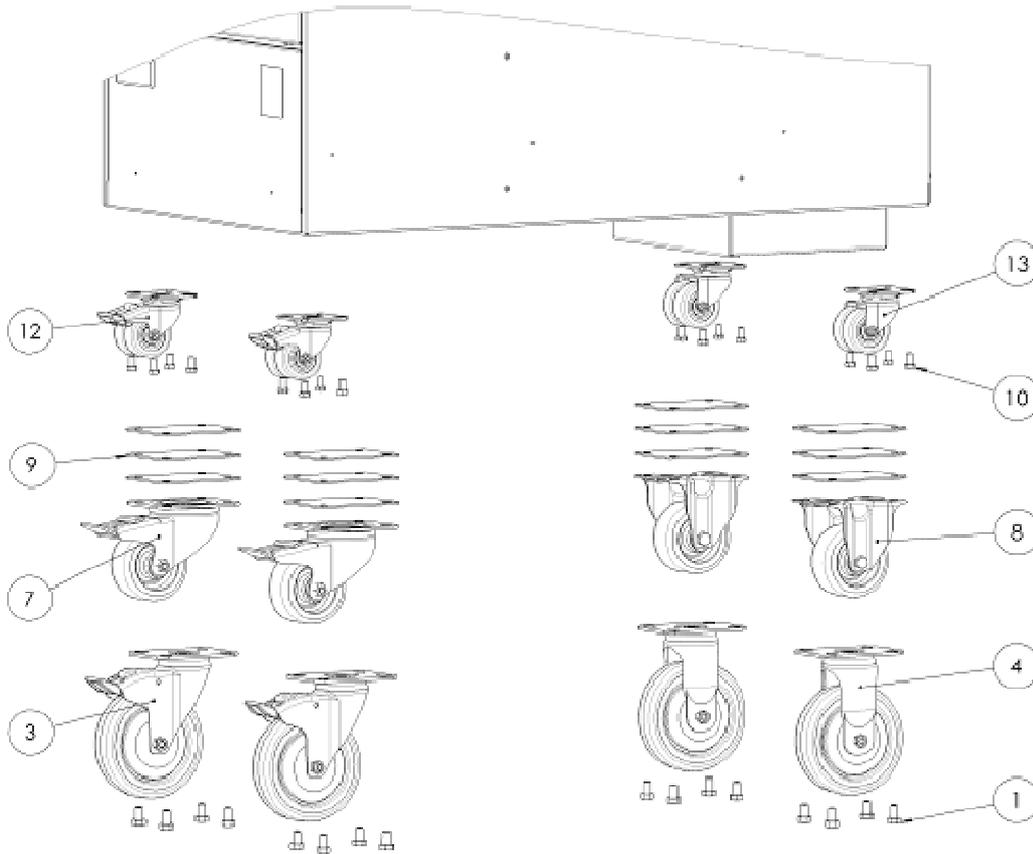
Item	Part No.	Description	Item	Part No.	Description
1	102508	EVAPORATOR FAN	6	104290	EVAPORATOR COIL COATED
2	103799	LID DIFFUSER	7	103865	HEATED CONTAINER SEAL
3	103903	BRACKET RETAINING PLATE DEFROST COLLECTION	8	103063	TEMPERATURE PROBE
4	103906	DEFROST HEATER ELECTRIC	9	103491	WASHER ST/ST BONDED
5	103800	PLATE DEFROST COLLECTION			

## 26.4 Worktop and Cover top



Item	Part No.	Description
1	104141	PANEL COVER TOP
2	102916	SCREW HEX M5 x 8 ST/ST
3	103895	WORKTOP ASSEMBLY

## 26.5 Castors



Item	Part No.	Description
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### High Castors (HC)

1	104241	SCREW HEX M8 x 16 Br. Zn. Pd.
2	104242	WASHER M8 SPRING Br. Zn. Pd. (not shown)
3	103502	CASTOR SWIVEL 125mm BRAKED
4	103502	CASTOR FIXED 125mm

### Standard Castors (GC)

5	104241	SCREW HEX M8 x 16 Br. Zn. Pd. (not shown)
6	104242	WASHER M8 SPRING Br. Zn. Pd. (not shown)
7	103898	CASTOR SWIVEL 80mm BRAKED PLATE MOUNTING
8	103897	CASTOR FIXED 80mm PLATE MOUNTING
9	104094	CASTOR SHIM 2mm

### Small Double Wheeled Castors (DC)

10	102470	SCREW HEX M6 x 12 Br. Zn. Pd.
11	104554	WASHER M6 SPRING Br. Zn. Pd. (not shown)
12	103376	SWIVEL CASTOR DOUBLE WHEEL BRAKED
13	104579	FIXED CASTOR DOUBLE WHEEL