VESTFROST SOLUTIONS

+43°C
+10°C
A

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Vestfrost Solutions is working towards reaching the UN - Global Sustainable Development Goals by 2030.

The Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all.
In order to implement Goal no 12 ”Responsible Consumption and Production”, this manual has been printed on recycled paper.

Technical manual VLS 064A RF AC
Internal Voltage Stabilizer

GB

WARNING

As the appliance contains flammable refrigerant, as stated on nameplate, it is essential to ensure that the refrigerant pipes are not damaged.

The quantity and type of the refrigerant used in your appliance is indicated on the rating plate.

Standard EN378 specifies that the room in which you install your appliance must have a volume of 1m³ per 8 g of hydrocarbon refrigerant used in the appliances. This is to avoid the formation of flammable gas/air mixtures in the room where the appliance is located in the event of a leak in the refrigerant circuit.

WARNING:
Ventilation openings in the appliance or in built-in structures must be kept clear.

WARNING:
Do not use other mechanical devices or means to accelerate the defrosting process or to remove rime other than those recommended by the manufacturer.

WARNING:
Do not damage the refrigerant system.

WARNING:
Do not use **electrical appliances** inside the refrigerated storage compartment, unless they are of a type recommended by the manufacturer

WARNING:
Do not expose the appliance to rain, and secure not splashing water when cleaning the floor.

WARNING:
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack experience and knowledge, unless they have been given supervision or instructions 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

WARNING:
Children must not play with, on, or around the appliance.

WARNING:
Children must not clean the appliance or carry out general maintenance unless they are at least 8 years old and are being supervised.

WARNING:
Danger risk of fire or explosion. Flammable refrigerant used, as stated on nameplate. To be repaired only by trained personnel.

WARNING:
Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

WARNING:
Sharp edges on cabinet, compressor compartment, evaporator, ventilation cover and on internal equipment can occur. Please be aware to avoid injury.

WARNING:
The condenser on the back of the appliance will in some cases have a hot surface. Please be aware to avoid injury.

WARNING:
Appliance use flammable insulation blowing gas.
For information about safe disposal, please contact your local disposal service.
See section for Disposal.

GB

Contents

WARNING 2

Periodic preventive maintenance checks ...5

Complete spare part list
VLS 064A RF AC 230V.....6

Vital components 8

Health and safety guidance – Warning!.....9

Required basic tools.....10

Wire diagram 230V.....11

Voltage stabilizers.....12

Safety instructions - Installation 15

Installation and maintenance work 16

Fuse trouble shooting.....17

Maintenance, diagnostic and repair
procedures.....17

Motor compartment 18

Thermostat replacement 19

Thermostat adjustment 23

Circuit breaker replacement 25

Thermostat sensor replacement 26

Sensor replacement for Icebank.....28

Connection of heating element 29

Starting device replacement 30

Run capacitor replacement.....32

Thermometer replacement 33

Magnetic valve replacement.....36

Voltage Stabilizer ECU replacement 37

Transformer replacement 38

On-site checklist 40

Trouble shooting.....41

Technical support.....42

Recycling procedures 43

Periodic preventive maintenance checks

Daily Check:
Monitor Temperature
Internal lid is placed properly
Lid fits and lock tight to cabinet
Lid gasket not faulty.
Condensation build up in vaccine compartment.

Weekly maintenance:
Remove any water at the bottom of the refrigerator with a cloth.
Wipe of water droplets on the inside wall.

Monthly maintenance:
Clean grille for compressor compartment.
Clean the refrigerator with lukewarm water and mild detergent.

Yearly maintenance:

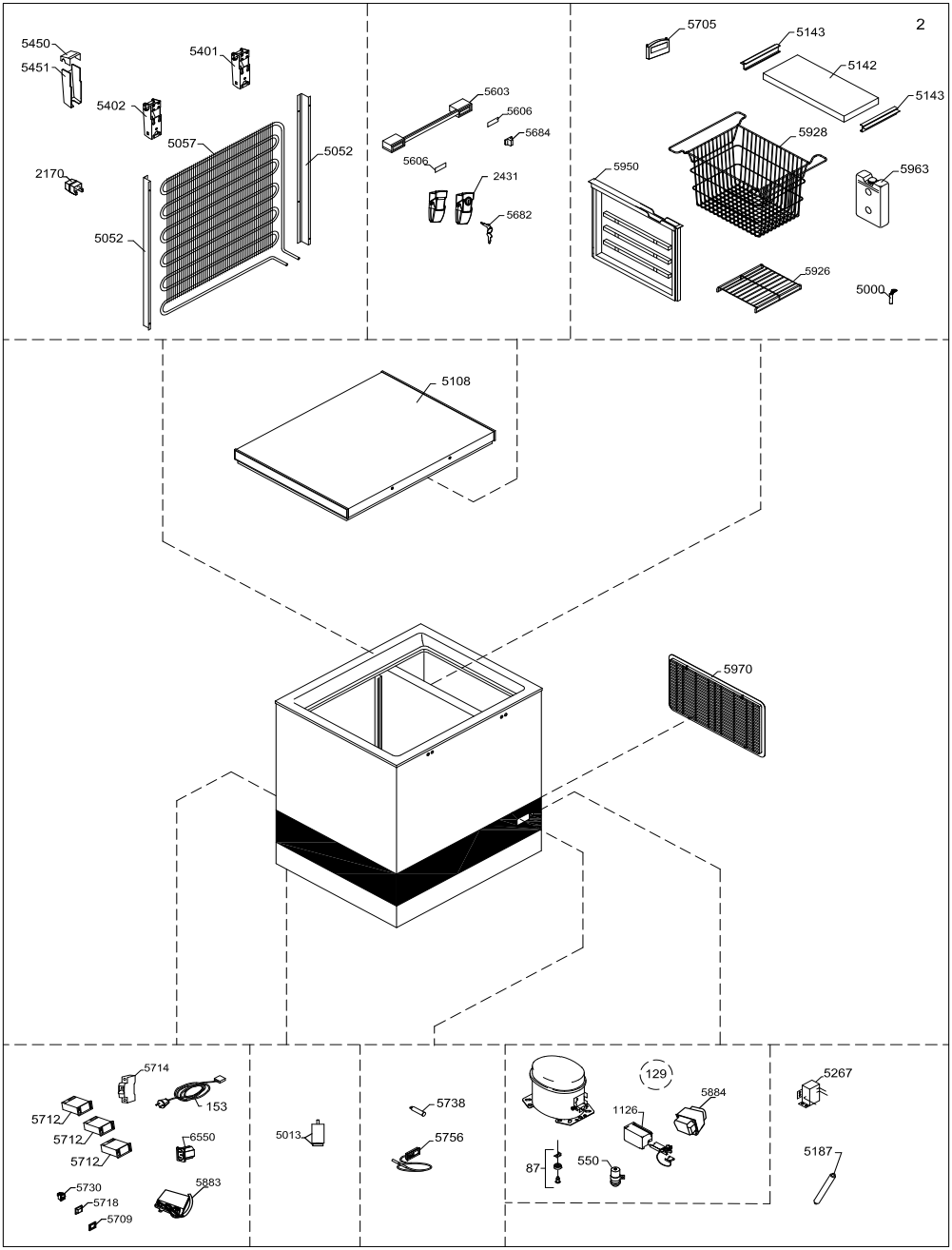
Check electrical connections and components.

PQS Code	**Model**	**PQS Performance specifications** Specification reference:	**PQS Independent type-testing protocol** Product verification protocol:
E003/070	VLS 064 RF AC	E003/RF03.4	E003/RF03-VP.3

GB

Complete spare part list VLS 064A RF AC 230V

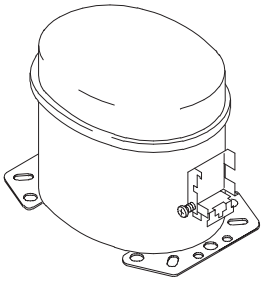
Position	Item number	Item name
0087	0-6038175	Base plate fittings, complete
0129	8-036510018	Compressor - HXK80AT , Complete,
0153	7535234	Mains lead/Power cord UK plug with angled C13 connector
0153	7535250	Power cord
0153	7535254	Power cord EU H05VV-F 3G1 C13 jack 90° black 2500mm EU-plug
0550	6520510	Run cap. 4uF/4,8 receptacles
1126	0-A921012	Cover + wirring clamp
2170	0-A9301260103	Distance piece
2431	A915010	Lock complete snap locks
5000	3010049	Drain plug
5013	3040400	Adjustable foot
5052	2041300	Fittings for condenser
5057	6010084	WOT condenser
5108	5000901671064	Lid foamed without handle/hinges
5142	5020725	Lid for fast freeze compartment
5143	3021010-23	Handle
5187	6530068	Filter drier
5267	6530067	Magnetic valve Sanhua
5401	1510133	Hinge
5402	1510136	Hinge with spring
5450	3011135-01	Top part for hinge cover
5451	3010032-01	Bottom part for hinge cover
5603	8471782	Handle
5606	8090054	Inlay for handle,
5606	8090342-94	Inlay for handle,
5682	1510255	Nikel-plated Key
5705	7020406	Temperature monitoring device Fridge-Tag 2E
5709	7060104	Frame for cover rocker switch bezel
5712	702090038	Refrigerator Thermostat XR60CH incl. sensor
5712	702090039	Freezer,Thermostat XR01CH incl. sensor
5712	702090040	Safety,Thermostat XR01CH incl. sensor
5714	7060247	Overcurrent circuit breaker
5718	7060105	Rocker Switch Cover
5730	7020245	"on-off" switch
5738	7010138	Pilot lamp, green
5756	7020382-03	Thermometer, solar
5805	7060008	Diode 3A
5883	7020475	Voltage stabiliser controller thyratron MFSL 110-285V 50Hz
5884	7020497	Voltage stabilizer transformer thyratron MFSL 110-285V 50Hz
5926	3510032	Bottom grating
5928	3510040	Basket
5950	3010155-01	Plastic partition
5963	A93010357	ICE-PACK 0,6 L
5970	3010308-01	Motor screen
6550	7080143	Connector


5450
5451
5401
5402
5057
5052
2170
5052
5603
5606
5684
5606
2431
5682
2
5705
5143
5142
5143
5928
5950
5963
5926
5000
5108
5970
5714
153
5712
5712
5712
6550
5730
5718
5709
5883
5013
5738
5756
129
5884
1126
87
550
5267
5187

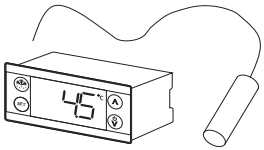
GB

Vital components

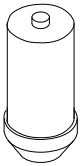
Position	Item no	Description
0129	8-036510018	Compressor



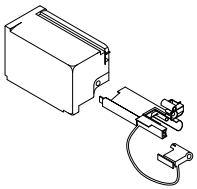
5712	702090038	Refrigerator, Elec. controller
5712	702090039	Freezer, Electronic controller
5712	702090040	Safety, Electronic controller



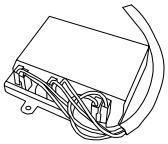
0550	6520510	Run capacitor

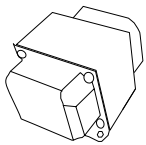


1126	0-A921012	Cover &wiring clamp



5883	7020475	Controller Thyratron
5884	7020497	Transformer Thyratron





Health and safety guidance – Warning!

Before any repair job be aware of following!

WARNING:
Before servicing or cleaning the appliance, disconnect it from power source.

WARNING:
Danger risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained personnel.

(R600a)

GB

Required basic tools

1.Flexible socket wrench - size 7+13mm

2.Nose plier

3.Screwdriver - size 1,0x6,0 + 0,6x3,5

4.Phillips screwdriver

5.Torx screwdriver - size T10 + T20

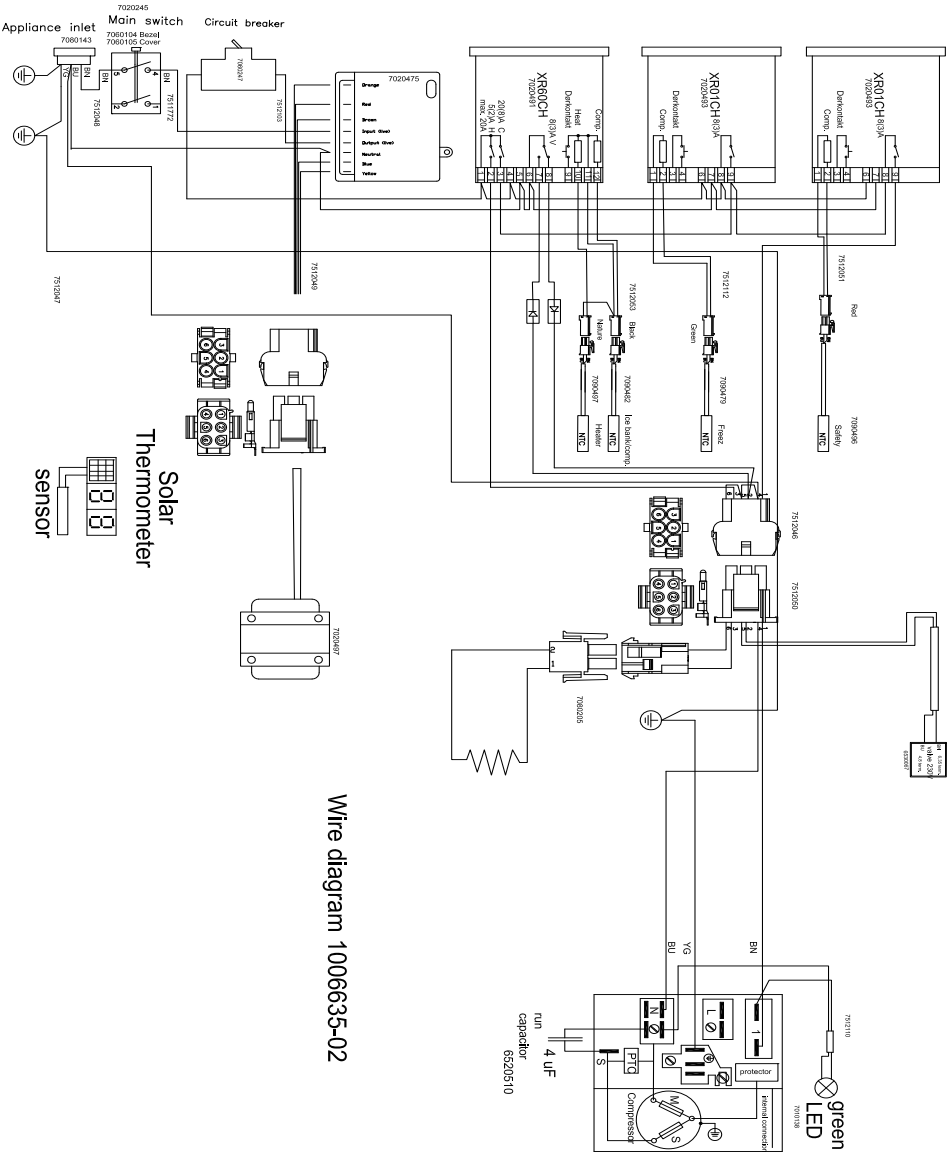
6.Clamp meter

7. Multimeter

Proposed additional service kit/items
Sealing kit
Tar tape
Extra self-tapping screws

GB

Wire diagram 230V



Wire diagram 1006635-02

GB

Voltage stabilizers

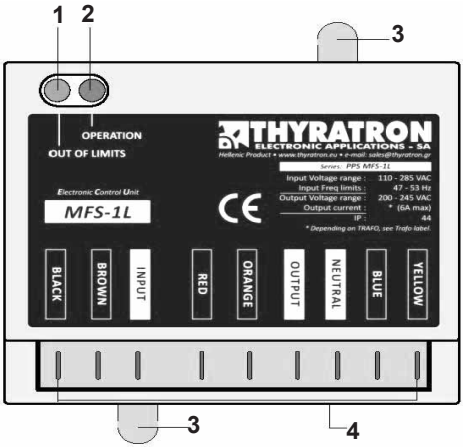
Getting to know your appliance

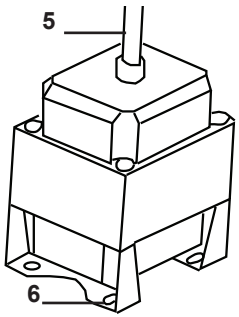
Product features:

- Voltage stabilizer
- Voltage, Frequency and current supervisor
- Intelligent ambient temperature protection
- Intelligent Time delay 3’30”+0”to30’’ random
- Surge protection
- Reconnecting Voltage Hysteresis
- Zero Crossing
- Soft Start
- Zero current change over

Electronic Control Unit - ECU & Trafo

(1): "OUT OF LIMITS" led (Red) (3), (6): Mounting points (2): "OPERATION" led (Green)
(4): Fast on terminals (5):Connection cables - Fast On female terminal





LED - Indication

Event	Red LED	Green LED
Normal operation	Off	On
4 minutes delay	Blink slow	Off
Frequency out of limits	Blink fast	Off
Temperature out of limits	Blink slow	Blink slow
PPS MFS Failure or No Power	Off	Off

Voltage stabilizasion

Output Voltage Limits	
PPS MFS-L performs voltage correction and stabilization using Autotransformer, Relays and Triacs. PPS MFS-L makes switching in order to keep the output voltage within limits.	200 - 245 VAC ±2%

Voltage & frequency monitoring

Input Voltage limits	
PPS MFS-L monitors voltage and frequency of main power and cuts off the output when the values of main power (voltage or frequency) come out of limits.	60 - 415 VAC

Input frequency limits		
Stage \ Hz	**50 Hz**	**60 Hz**
Stage_1: Continuously Operation	47 - 53	57 - 63
Stage_2: 60mins Delay to Cut-Off	46 - 47 & 53 - 54	56 - 57 & 63 - 64
Stage_3: 10mins Delay to Cut-Off	45 - 46 & 54 - 55	55 - 56 & 64 - 65
Stage_4: Instant Cut-Of	< 45 & > 55	< 55 & > 65

PPS MFS-Lw Series :				PPS MFS-1Lw					PPS MFS-2Lw	
PPS MFS-xxxLw *Series* *(xxx: 070, 085, 100, 150, 200)*				**040**	**060**	**070**	**085**	**100**	**150**	**220**
Power Supply	Nominal Voltage			220 - 240 VAC						
	Operation Voltage Bandwidth (@ 25^0C)			60 - 415 VAC						
	Ambient Temperature	Humidity		-5 to +45 °C				5 - 95 %RH, non-condensin		
Input	Voltage	Low	High	110 VAC ± 3% with hysteresis				285 VAC ±2% with hysteresis		
	Frequency Lower / Upper	50Hz	60Hz	45 / 55 Hz ±0.2Hz				55 / 65 Hz ±0.2Hz		
Output	Voltage range			200 - 245 VAC ±2%						
	Max. Current (A)							4.3		
	Continuous Operation *(45^0C)* Current (A) @ Low Voltage							3.2		
Start Up Time, Time Delay				- 4 minutes (3'30'' + 0" to 30'' random) - Zero on Production Line for first 30 minutes continuous operation of life cycle						
Thermal protection				- Temperature limits +80 °C - Temperature rise 15°C / 15 minutes						
Plastic Housing				UL94 V-0 Flame Retardant						
IP Class				IP44						
Lifetime				Relay lifetime cycles 350,000						
Connections				6.3mm x 0.8mm flat, terminal						
Cable Harness - Lengths				250mm / 550mm / 1000mm versions						
Insulation Class, Transformer Windings				H (180°C)						
Dimension (mm)	ECU			114 x 98 x 31						
	Trafo	*Standard installation* *Vertical installation*						130x95x110 108x140x90		
Total weight (Kg)								4.3		

Safety instructions - Installation

What this chapter contains

This chapter contains the safety instructions which you must follow when installing, operating and servicing the **Power Protector Stabilizer MFS**. If ignored, physical injury or death may follow and/or damage may occur to the **PPS MFS**. Read the safety instructions before you work on the unit. These warnings are intended for all who work on the PPSMFS, or cable.

WARNING! The work described in this chapter may only be carried out by a qualified electrician.Ignoring the safety instructions can cause physical injury, death or/and damage to the equipment. Make sure that the device is disconnected from the mains (input power) during installation.

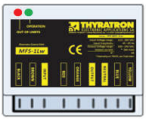
Beware of hot surfaces. Some parts, such as transformer, may remain hot for a while after disconnection of the electrical supply.

- Only qualified personnel are allowed to install and maintain the PPS MFS.
- PPS MFS is intended to be built into commercial refrigeration appliances or other enclosures that provide protection against certain external influences and, in any direction, protection against direct contact and electric shock.
- It shall be installed in an area where it is inaccessible without disassembly of the enclosing area.
- Never work on the PPS MFS or cable when main power is applied. Always ensure by measuring with a multimeter (impedance at least 1 Mohm) that voltage between device input phases INPUT and NEUTRAL is close to 0V. Externally supplied control circuits may cause dangerous voltages inside the device even when the main power on the drive is switched off.
- Do not make any insulation or voltage withstand tests on the device.
- When reconnecting the wiring, always check that the Phase - Neutral order is correct.
- Do not change the electrical installations of the PPS MFS. Changes may affect the safety performance or operation of the device unexpectedly. All customer-made changes are on the customer's responsibility.
- Make sure that dust from borings and grindings does not enter the drive when installing. Electrically conductive dust inside the unit may cause damage or malfunctioning.
- Do not fasten the device by welding. **Note:** The fast-on terminals on the device are at a dangerously high voltage when the input power is on.

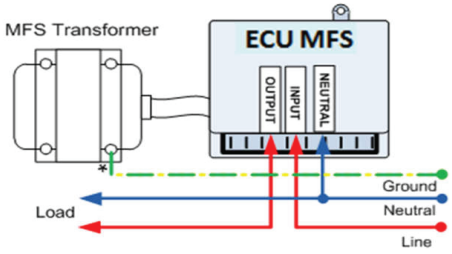
GB

Installation and maintenance work

- The PPS MFS consist of two parts, the Electronic Control Unit (ECU) and the Autotransformer (Trafo). The ECU and the Trafo of the device is delivered in separates cardboard box. The type, size and material of the package depend on the frame size of the Autotransformer.
- The parts of the PPS MFS must be connected by using fast-on terminals taking in care the coloring code of the cables and ECU.
- PPS MFS is intended to be used with the protection of a fuse gG, type B, IEC60269-3-1.
- Confirm compatibility with connection terminals as well as insulation. The connectors are Fast On terminals 6.3x0.8mm
- The device must be installed in an upright position (beside figure) with allowance for adequate cooling.
  IP rating is met only when the ECU is installed in a vertical position with the connection tabs at the bottom. This is also important as the ECU also detects ambient temperature as one of its features.



- An earth ground connection must be take place on to the Trafo. Detail of grounding Transformer Enclosure during implementation in the appliance. (IEC 60417-5019)



Before powering the device:

- Confirm color coding between ECU and Autotransformer
- Confirm the correct fitting of the terminals to ensure IP rating of the connections.

Fuse trouble shooting

How to determine why the thermal magnetic breaker nuisance trips?

The thermal magnetic breaker is installed to protect the build-in voltage stabilizer.

Cause: Circuit breakers trip.

Resolution:

1. First, determine if the breaker trips on startup or if it trips after running for a while.

2. If it trips at start-up but doesn't do it repeatable, it is caused by inrush current to either the voltage stabilizer or the compressor. Resetting the breaker will have no harm on the appliance

3. If it trips at start-up and does it multiple times, there is a short circuit within the appliance and a service technician should be contacted.

4. If it breaks after some time, the appliance is overloaded. Ensure that the condenser and engine room are clean and give the unit some minutes to cool down before resetting the fuse. The start electronic on the compressor can also be faulty causing the compressor to run on the start condenser constantly.

Maintenance, diagnostic and repair procedures

The PPS MFS maintenance-free and is made up of non-repairable / refurbishable parts. In the event of a failure of the PPS MFS, both ECU and Trafo have to be replaced with new unused units. Part replacement is not advisable.

Storage

Should not be stored or and transport in high temperature or high humidity condition. Usage, beyond the specified shelf life could compromise product long term reliability. The suitable condition is +5 to +35°C and less than 95% RH in Relative Humidity indoor.

Applicable Ambient temperature and humidity range during transport and storage: -30 to +70°C, 5 to 95% RH.

End of life resource recovery and recycling procedures.

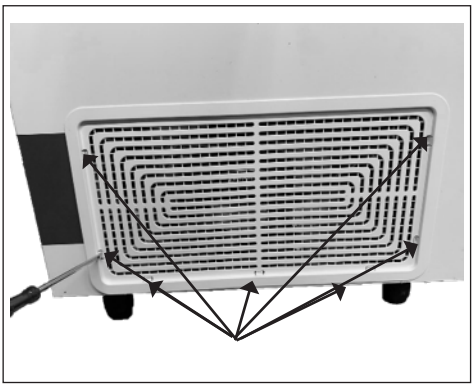
Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems).

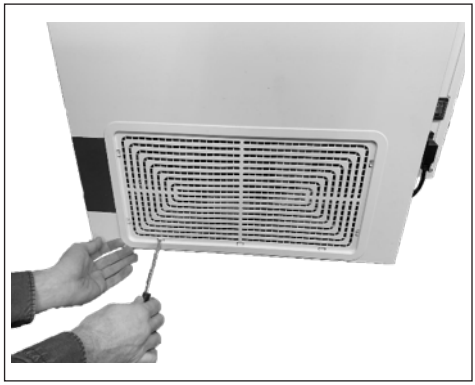
This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

GB

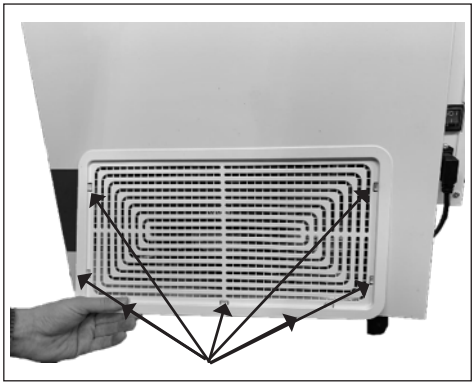
Motor compartment

How to get access to the motor compartment.

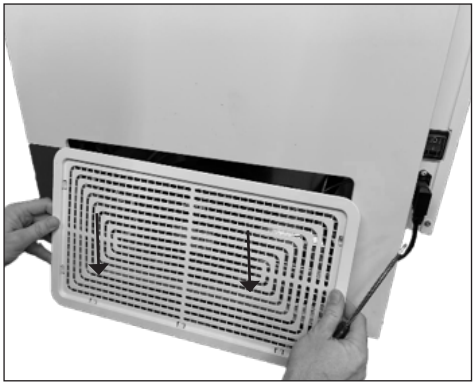




1. Use a screwdriver to unlock all 7 clamps.

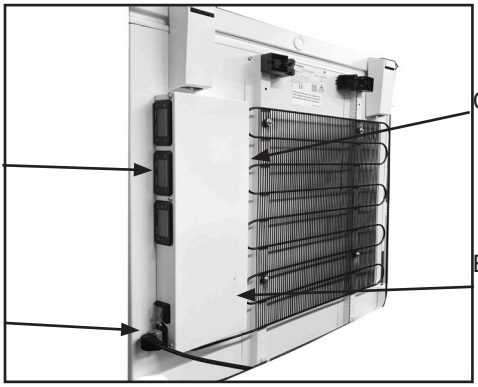


2. Unlock all 7 clamps

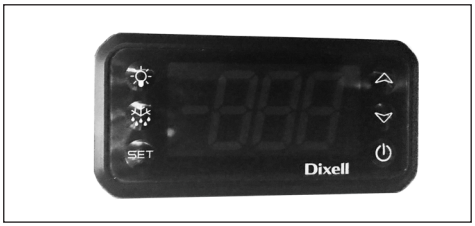


3.Gently pull the compressor grille.

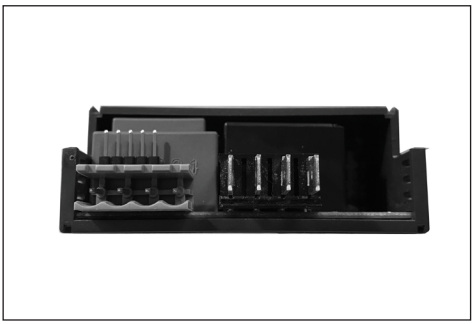
Thermostat replacement



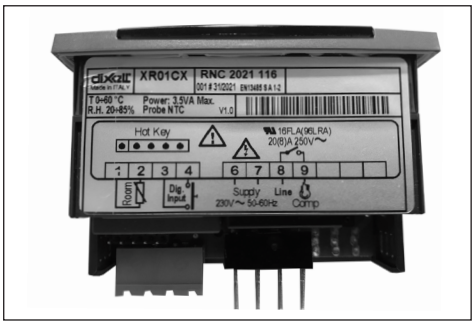
Front with display and adjustments buttons for safety and freezer



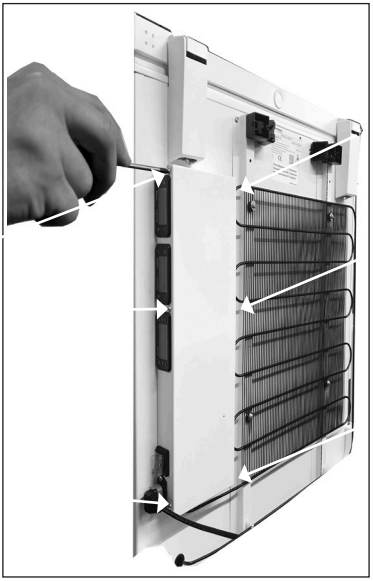
Front with display and adjustments buttons for cooler

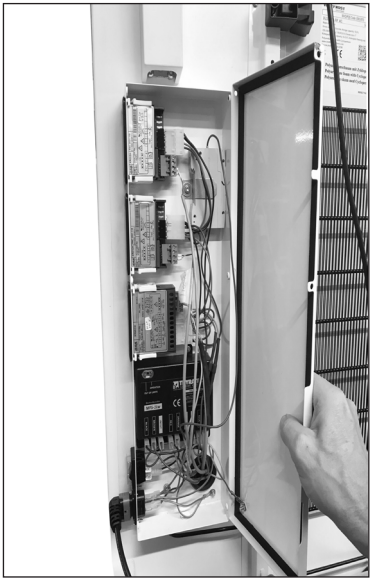


Back with electrical sockets

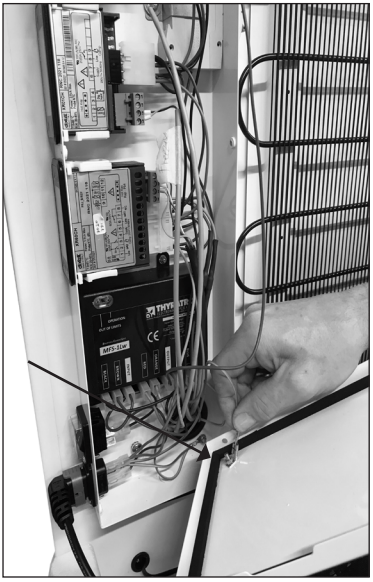


Top view

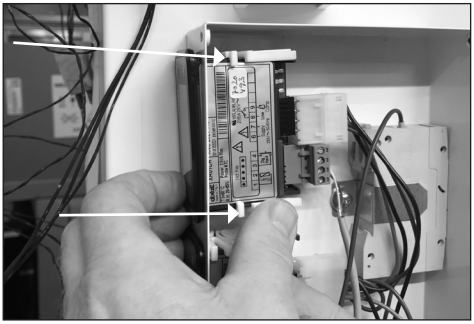




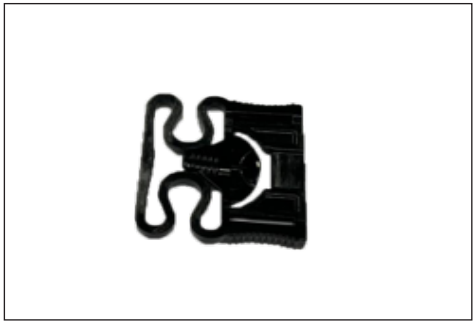
1. Access electrical componentsDismount 6 x Torx 20 screws and unmount the junction box lid



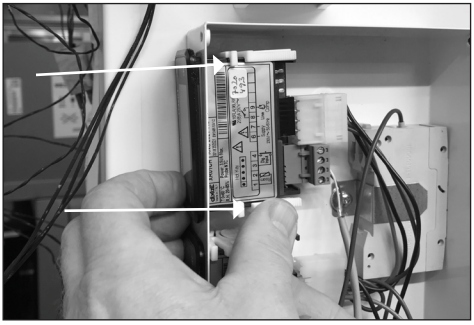
2. Remove grounding cable from junction box by unscrewing bolt with a wrench 6mm.



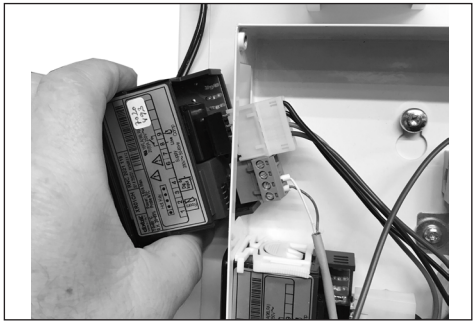
3. Remove 2 fixing clamps from thermostat. Slide the fixing clamps backwards



Fixing clamp



4. Use your finger to press and slide the lower clamp backward to remove form the thermosatat body

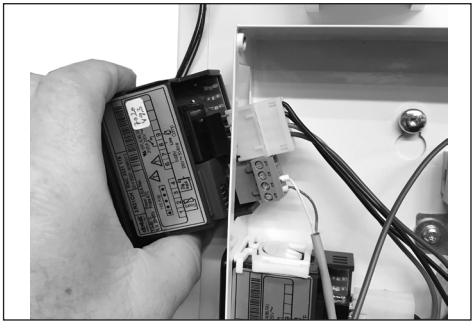


5. Push the thermostat out

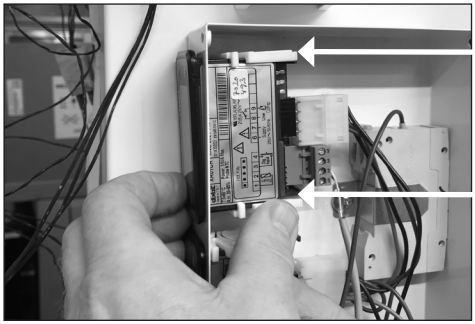
6. Switch the sensor wire plug from old socket to the new thermostat socket.

7. Switch the power wire plug from the oldto the new thermostat wire socket.

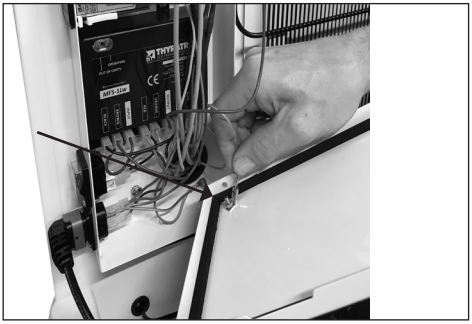
GB



8. Bring the thermostat back in place.

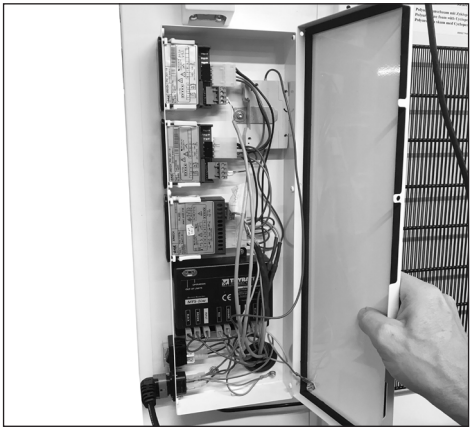


9. Use your finger to press and slide the upper clamp back in place to secure fixture of the thermostat.



10. Remount grounding wire.

11. Remount junction box cover.



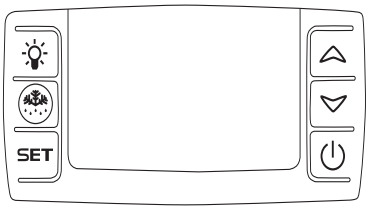
It's the same procedure that needs to be done for all 3 thermostats

Thermostat adjustment

Safety thermostat

Freezer thermostat

Cooler thermostat



SET To display target set point in programming mode it selects a parmeter or confirm an operation.

(DEF) To start a manual defrost

(UP) To see the max. stored temperature, in programming mode in browses the parameter codes or increases the displayed value.

(DOWN) To see the min. stored temperature, in programming mode in browses the parameter codes or decreases the displayed value.

To swich the instrument off, if onF=oFF.

Not enabled.

+ To lock & unlock the keyboard.

SET+ To enter in programming mode.

SET+ To return to the room temperature display.

Deafault Set Points

Safety thermostat	SP = 2,5
Freezer thermostat	SP = -5
Cooler thermostat	SP1= 5 /SP2= -5

IMPORTENT:
Incorrect parameter settings can lead to unsatisfactory cooling, risking damage to stored vaccines.If adjustment is required ONLY to be performed by trained technicians.
Adjust the controller max. 1ºC at a time.
After adjustment monitor appliance carefully for min. 24 hours.

Main functions

How to see the setpoint

1. Push and immediately release the SET key the display vill show tbe Set point value.
2. Push and immediately release the SET key or wait for 5 seconds to display the probe value again.

How to changes the setpoint

1. Push the SET key for more than 2 seconds to changes the Set point value
2. The value of the set point will be displayed and the ºC or ºF LED starts blinking
3. To change the Set value push the o or n arrows within 10s
4. To memorise the new set point value push the SET key again or wait 10s.

How to changes a parameter value

To change the parameter´s value perate as follws:

1. Enter the programming mode by pressing the set +n keys for 3s (the ºC or ºF LED startes blinking)
2. Select the required parameter. Press the ”SET” key to display its value
3. Use ”UP” and ”DOWN” to change its value.
4. Press ”SET” yo store the new value and move to the following parameter.

To exit. Press SET+UP or wait 15s without pressing a key.
NOTE: the set value is stored even when the procedure is exited by waiting the time-out to expire.

How to enter the hidden menu

The hidden menu Includes all the parameters of the instrument.

1. Enter the programming mode by pressing the set +n keys for 3s (the ºC or ºF LED startes blinking)
2. Released the keys, then push again the Set+n keys for more than 7s. The Pr2 label will bw displayed immediately followed from the HY parameter.
   NOW YOU ARE IN HIDDEN MENU
3. Select the required parameter.
4. Press the ”SET” key to display its value
5. Use o or n to changes its value
6. Press ”SET” to store teh new value and move to the follwing parameter.

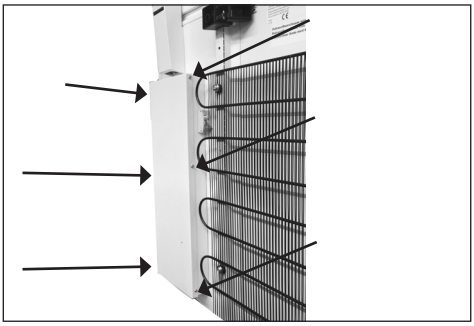
To exit: Press SET+o or wait 15s without pressing a key.
Note1 if none parameter is present in Pr1, after 3s the ”noP”, message is displayed. Keep the keys pushed till the Pr2 is displayed.
Note2 the set value is stored even when the procedure is exited by waiting the time-out to expire.

How to move a parameter from the hidden menu to the first level and viceversa

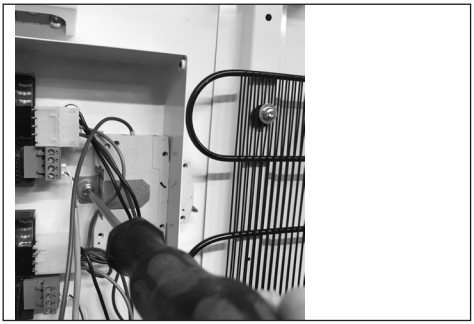
Each parameter present in the hidden menu can be remove or put into the first level (user level) by pressing ”Set+n”
In hidden menu when a parameter is present in first level the decimal point is on.

Circuit breaker replacement

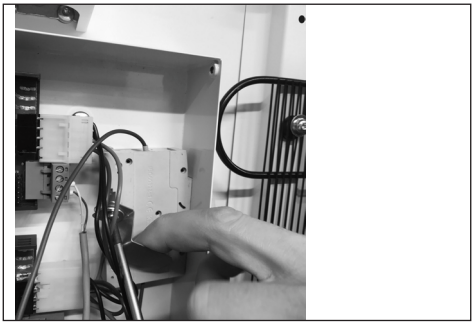
Circuit breaker is placed on the other side of the dixell



1. Dismount 6 x Torx 20 screws and unmount the junction box lid

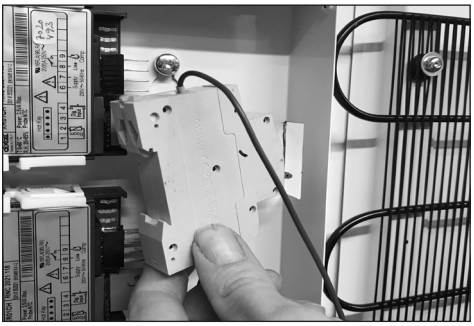


2. Used Torx 20 to loosen the screw



3. Remove the fitting

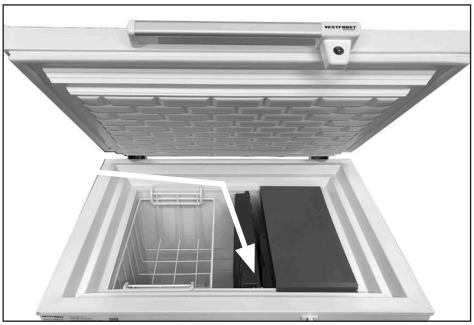
4. Remove the wires



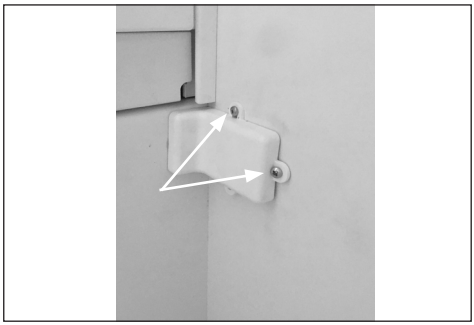
3. Pull the circuit breaker out and replace it.

GB

Thermostat sensor replacement

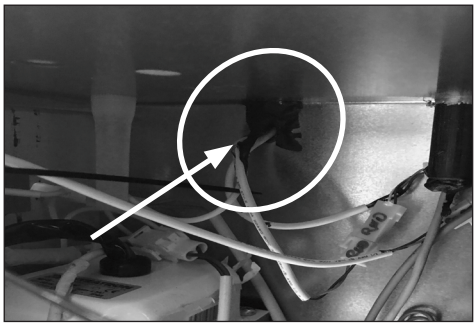


The thermostat sensor is placed inside the compartment of the appliance.

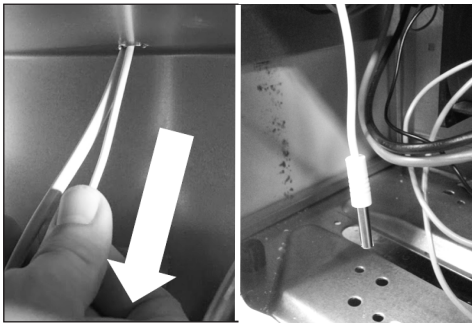


1. Dismount the sensor cover by loosen the 2 x torx screws – size 10.

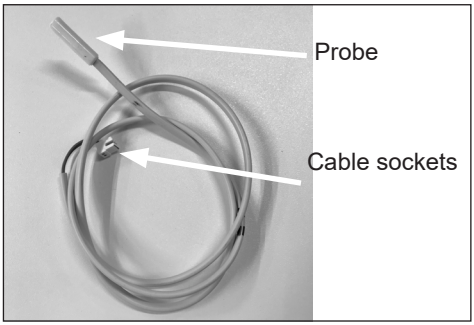
2. Take it out gently, remove the wire and the sensor from the cover.



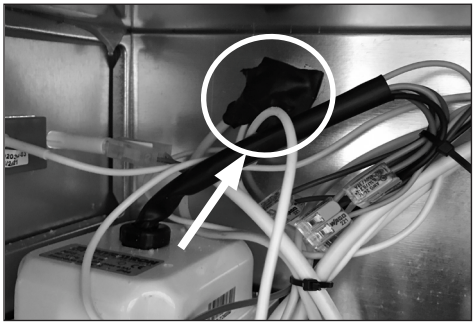
3. In Compressor compartment, remove black sealing, and gently pull the white wire until the probe is visible.



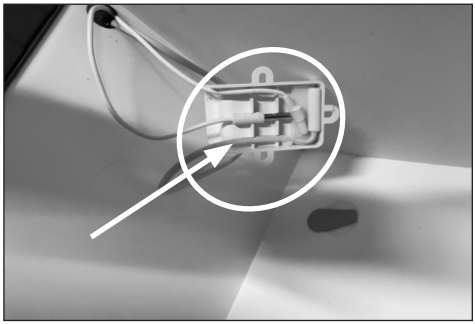
4. Gently pull the white wire until the probe is visible.



5. The thermostat sensor comes with probe, wire and cable socket.

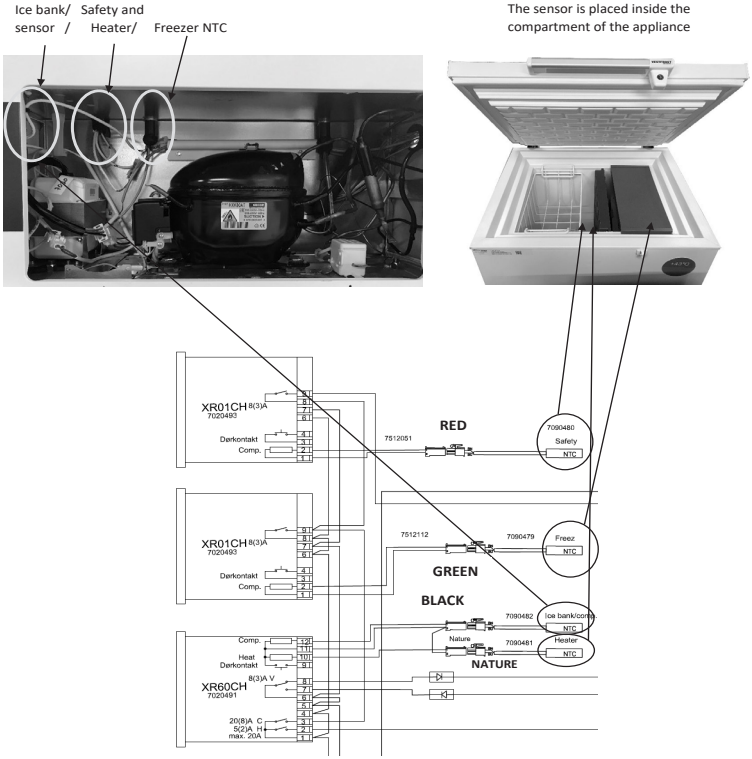


6. **IMPORTANT!** When re-mounting the new thermostat sensor remember to properly seal the wire feed through.



7. **IMPORTANT!** When re-mounting the new thermometer make sure the wire is placed properly.

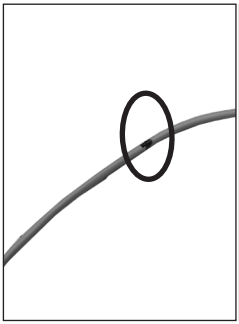
Sensor explanation



GB

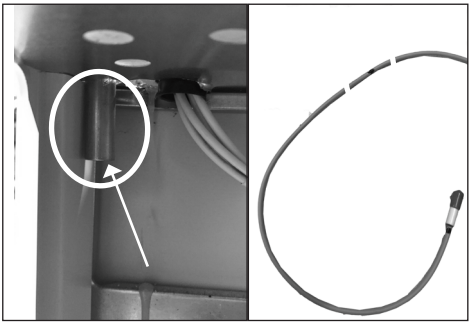
Sensor replacement for Icebank

The icebank sensor is placed in the corner



Mark on wire

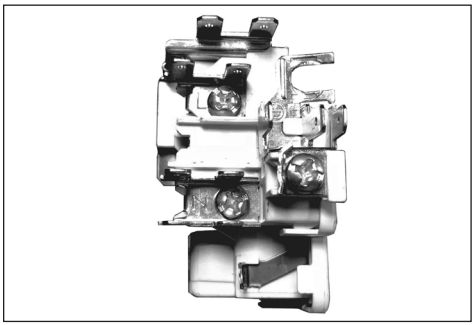
End cap on wire



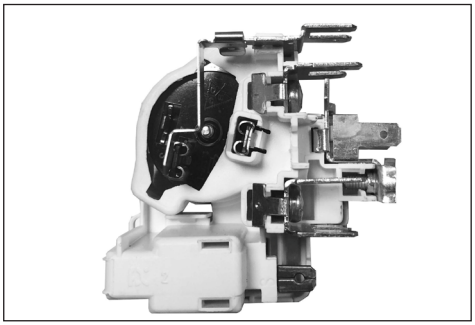
1. Put the wire into the pipe with the cap end.Pull it into where the mark on the wire

2. Tie it up with strips and cover with tar kit

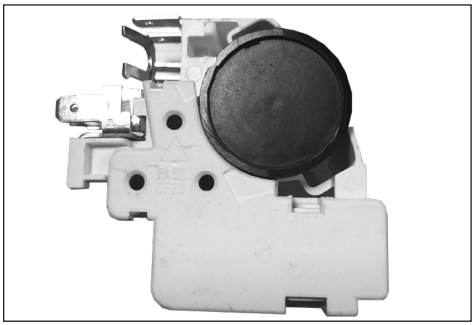
Starting device replacement



Front with terminals.



Right side view

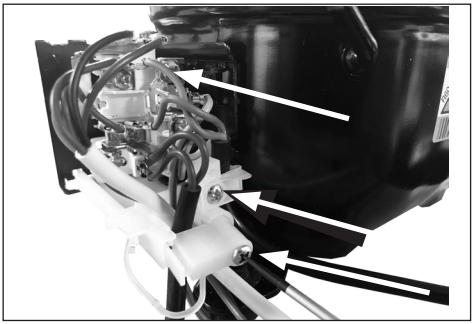


Left side view

The starting device is mounted on the left side of the compressor.

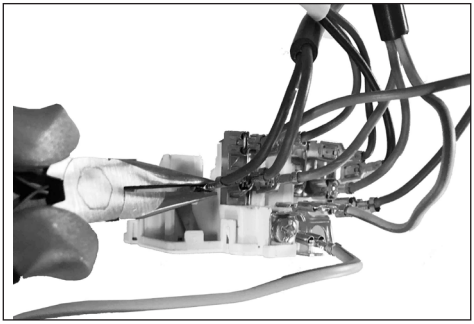
1. Dismount the cover by pushing the cover lock from right to the left with a flat screw driver.

2. Pull out the cover to remove



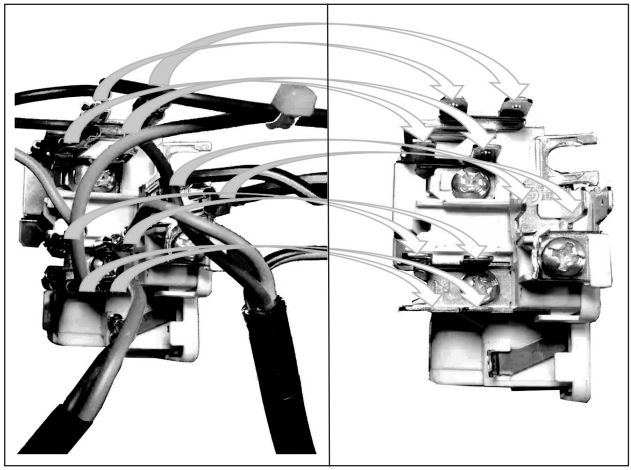
3. Use a screw driver to losen 3 x screws.

4. Use a screwdriver to loose the starting device from socket and pull.



5. Use a nose plier to unmount the wire sockets from starting device.

6. Exchange the wires 1/1 from the old starting device to the new one.

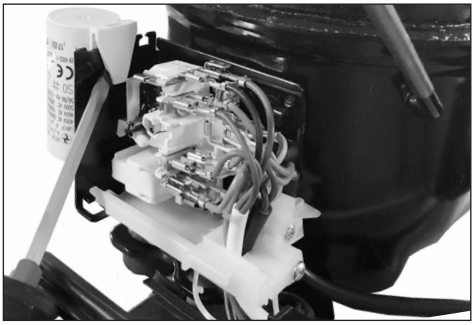


Run capacitor replacement

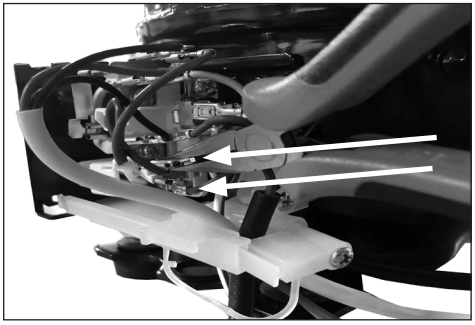
The run capacitor is placed behind the starting device.

1. Dismount the cover by pushing the cover lock from right to the left with a flat screw driver.

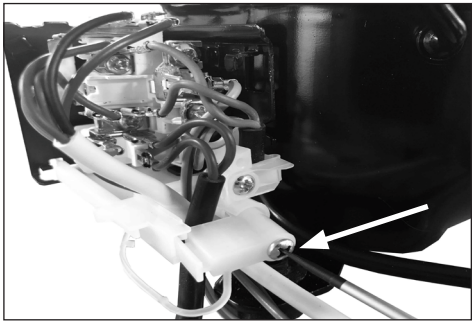
2. Pull out the cover to remove



3. Flip out the clamp to free the capasitor from the bracket.



4. Use a nose plier to unmount the wire sockets.

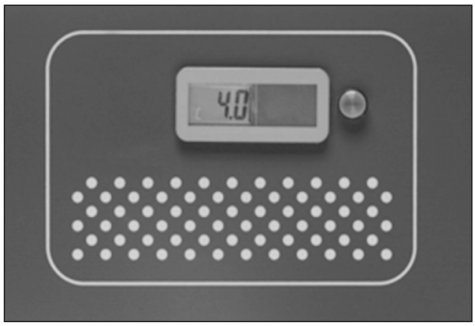


5. Loosen the screw for cord relieve and pulle out the wire. The capasitor kan be remounted in reverse ordrer.

GB

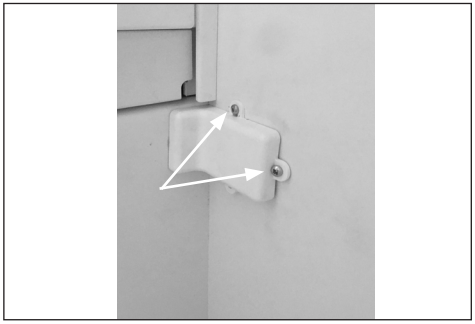
Thermometer replacement

The thermometer is placed in at the front of the appliance

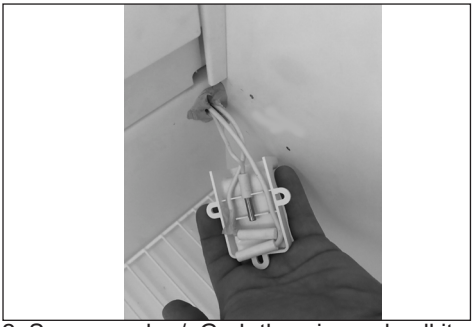


Thermometer display

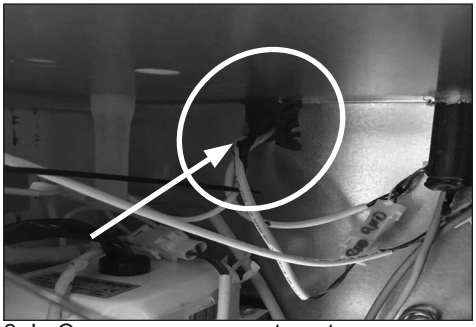
The temperature probe is placed inside the compartment of the appliance.



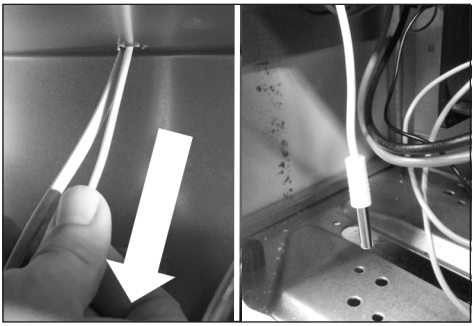
1.Dismount the temperature sensor cover by loosen the 2xtorx screws – size 10



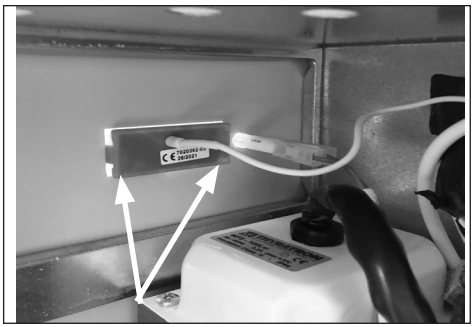
2. Sensor probe / Grab the wire and pull it out gently



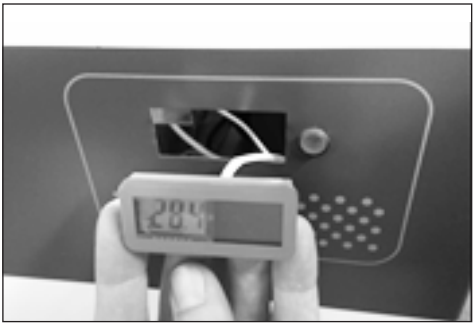
3. In Compressor compartment, remove black sealing, and gently pull the white wire until the probe is visible.



4. Gently pull the white wire until the probe is visible.



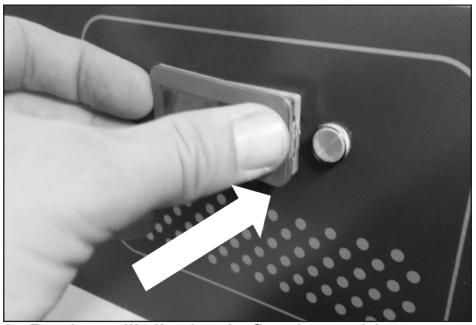
5. Use a screw driver to gently push the socket of the thermometer.



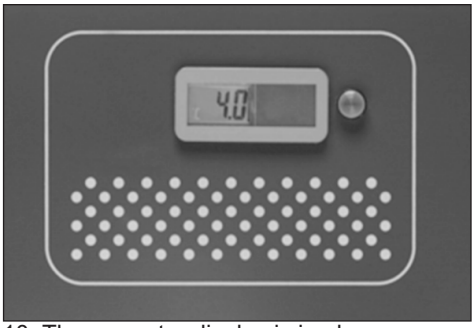
6. Temperature monitor is loose from cabinet

7. Thermometer comes with wire, PV solar cell, display and sensor

8. Installation of thermometer display

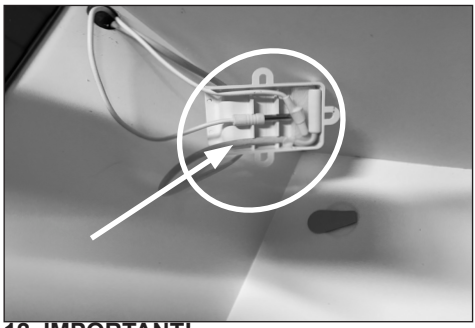


9. Push untill display is fixed to cabinet



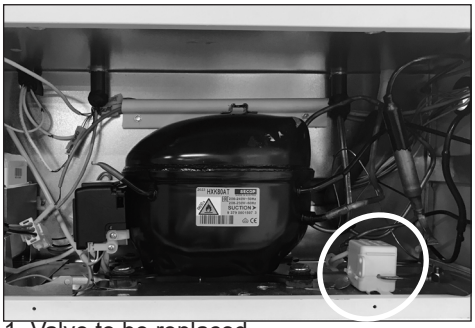
10. Thermometer display is in place

11. IMPORTANT! When re-mounting the new thermostat sensor remember to properly seal the wire feed through.

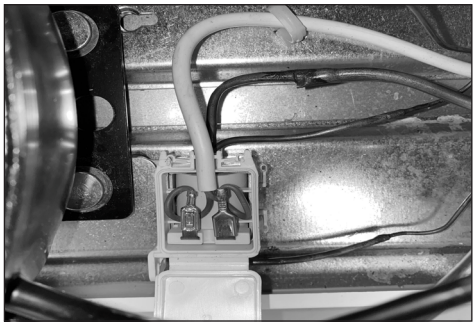


12. IMPORTANT!
When re-mounting the new thermometer make sure the wire plug is placed properly.

Magnetic valve replacement

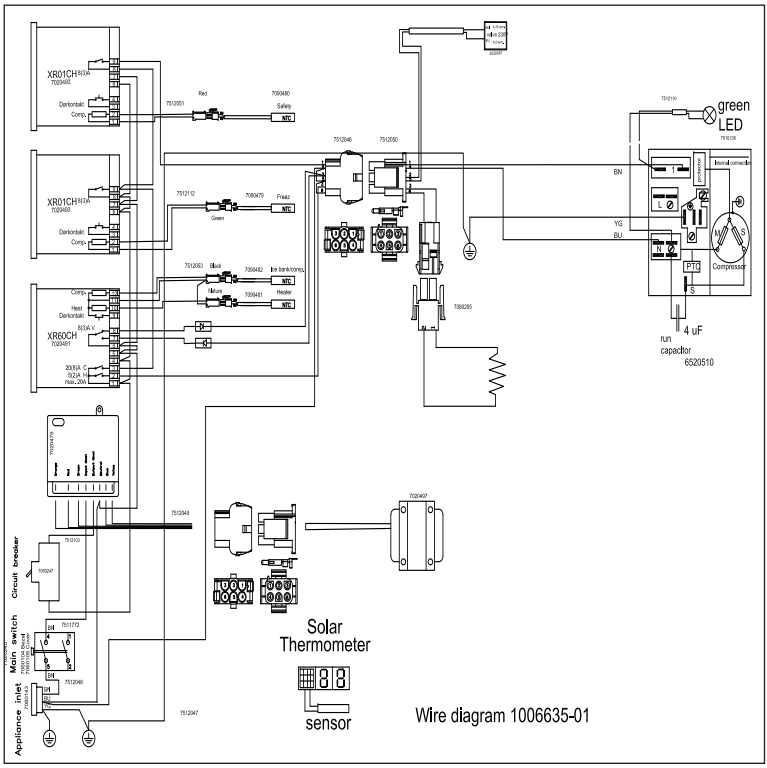


1. Valve to be replaced



2. Valve to be replaced

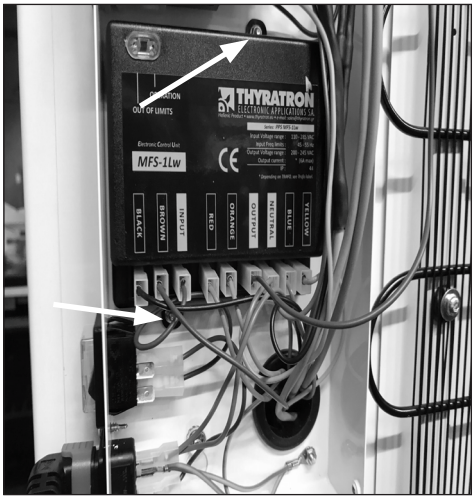
El box VLS 064 230V



GB

Voltage Stabilizer ECU replacement

1.The controller is placed in the bottom



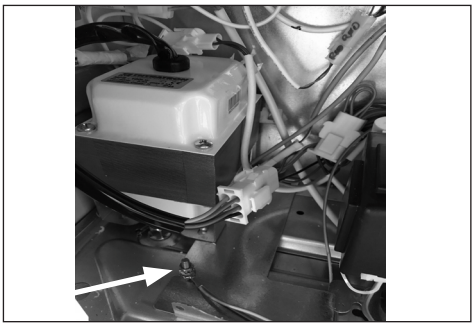
2.Loosen the 2 screws and remove the wires

3.Used a flexible socket wrench

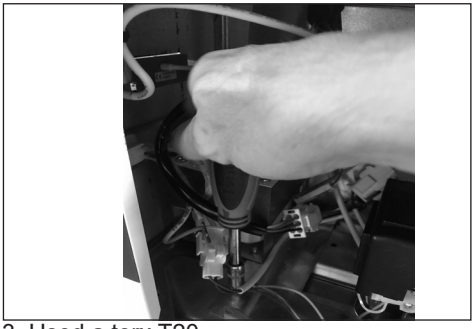
4. Exchange the wires from the old ECU to the new.

Transformer replacement

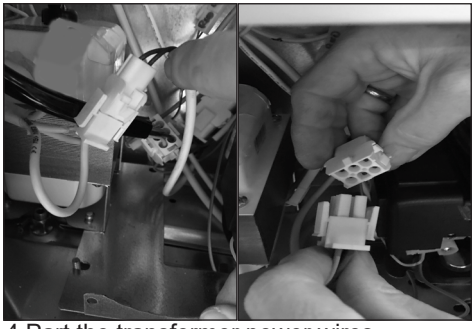
1.The transformer is placed on the left sideof the compressor compartment



2. Loosen the screw



3. Used a torx T20



4.Part the transformer power wires, bysqueezing on the side of the clamps fixingthe wire connection, the pull the plug/socketapartthe

5. Pull out the voltage stabilizer tranformer

GB

Compressor replacement

Procedure of compressor switch.

1: **WARNING!** Drain coolant R600a from refrigeration system by vacuum suction.

2: **IMPORTANT!** Blow refrigeration system with NO/Nitrogen

3: Cut

A: Suction and pressure tube

B: Capillary tube

C: Dry filter

4: Dismount starting device

5: Dismount old compressor

6: Insert new compressor

7: Solder

A. Suction and pressure tube

B. Capillary tube

C. Dry filter

8: Install starting device

IMPORTANT! When solder copper tubes to iron tubes use silver tin

Filling of new refrigerant

9: Drain refrigeration system by vacuum suction

10: Check type sticker for required amount of R600a to fill on refrigerant system

On-site checklist

- Is the green diode in the control panel on (Power check)
- Is the internal temperature inside the acceptable range of +2° to +8°
- Is the vaccine compartment clean and without condensation (water)
- Is the Compressor running
- Is baskets used and in place
- Is the appliance placed according to instruction in the manual.
- Does the lid close tight to cabinet and is the lid gasket in good condition
- Is the grille for compressor compartment clean
- Is the condenser coils on the backside clean
- Is all electrical components working properly
- Is there condensation on electric parts (water condensation)?
- Over all condition of the cabinet –internal and external: any corrosion, rusting, cracks?
- Condition of the cables from the panel to the compressor including the lightening protection
- Inspection of the refrigeration line (the condenser, evaporator, the whole refrigeration circuit/line)

GB

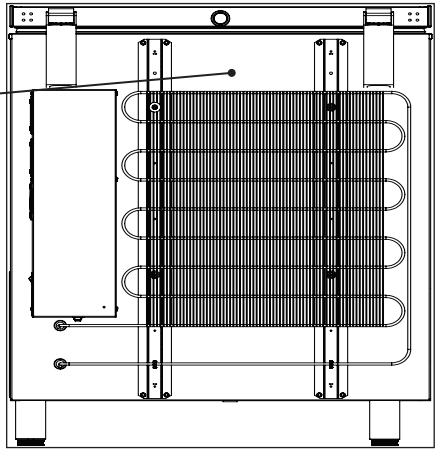
Trouble shooting

Fault	Possible cause	Remedy
Compressor is not running.	Be patient, it is most likely that the compressor will start within a few minutes.	If this is not the case, check the following: - If the above is OK, call technical supervisor.
Compressor is running, and the temperature is too high.	The ventilation grille is blocked. The lid is not closed properly. The temperature in the room in which the appliance is installed is too high.	Ensure unhindered air circulation. Ensure that the lid is closed properly. Shield the appliance against direct sun light and ensure more ventilation to the room.
No temperature is displayed.	The Thermometer is broken. There is not enough light for the solar sensor.	Change the thermometer. Turn on the light.

Technical support

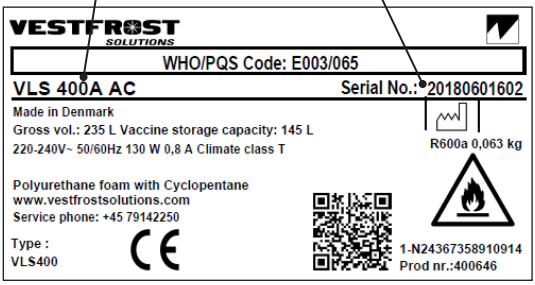
When contacting Vestfrost Solutions technical support please supply below information:

1. Model
2. Serial number
3. What is the issue



Model

Serial no.



Contact:

Vestfrost Solutions
Tel. +45 75142250

cce-service@vestfrostsolutions.com

Or visit our service-center webpage:

http://www.vestfrostsolutions.com/service-center/

GB

Recycling procedures

Information for Users on Collection and Disposal Old Equipment and used Batteries

This symbol on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste. For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2012/19/EU and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.