

OCEAN®

VERTICAL FREEZER

SERVICE MANUAL

Model

OVF NF H 398 DX A+

Specifications are subject to possible modifications without prior notice.
Les présentes spécifications sont susceptibles d'être modifiées sans préavis.
Las especificaciones están sujetas a cambios sin previo aviso

Pictures are only sketches which may be different from your equipment.
Les images sont seulement de croquis qui peuvent être différentes du design de votre équipement.
Las imágenes son sólo los bosquejos que pueden ser diferentes de su equipo.

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1. Safety precautions and warnings

1. Deep freezer is set for 220-240 V 50 Hz network power. Use of incompatible voltage may cause deep freezer to become inoperable or fire.
2. Do not place the deep freezer under direct sunlight or within influence area of a stove, radiator, furnace, oven, heater or infrared. Otherwise, the deep freezer may perform poorly, get damaged or become inoperable.
3. Choose a place without moisture but with air circulation allowed.
4. For your safety, in order to eliminate the risk of electric shock and fire there must certainly be a breaker system with a residual current device in your electrical wiring. Our firm is not responsible for failures and losses which might occur as a result of using the product in an ungrounded network.
5. After putting the deep freezer into place, allow at least 2 hours without moving it before starting to use.
6. Installation, placement, maintenance and cleaning of your deep freeze shall be performed as prescribed in the manual.
7. In order to avoid your appliance from sliding or overturning, place the appliance on a non-tilted level surface.
8. Never use extension cords or multi-plugs with your deep freezer.
9. Do not clean your device with pressurized water. Pressurized water might damage inner surface, outer surface and electrical equipment of your device.
10. Black wired condenser on the back of the device must absolutely be cleaned and purged against dust once a year. Cleaning might be performed with a vacuum cleaner.
11. Do not allow children to get into the product or play around it.
12. If your deep freezer is equipped with a lid lock, keep your deep freezer locked and keep the key in a safe place beyond reach of the children. By the product's end-of-life, the lid lock of your deep freezer should be rendered ineffective before disposing. Do remember not to leave children in the deep freezer. Staying in the deep freezer may create a life threatening condition.
13. In case of any failure within your product, taking measures for food preserved within the deep freeze is fully under responsibility of the user. Our company is not responsible for spoiled food due to any technical failure or misuse.
14. The appliance should not be used by physically, visually, audibly or mentally handicapped ones, children, non-experienced or non-informed ones without surveillance of a person responsible for the safety of such people.

15. Open the freezer cover only when necessary. Please make sure that the cover is sealed properly when it is not necessary.
16. In the event of a sudden power outage unplug your product. Plug back in 20 minutes after you make sure that the mains become normal.
17. Do not put domestic or wild animals inside your product or allow them to get in. These kind of living creatures might damage the electrical system and cause fire.
18. Loading food in pieces, making additions as food starts to freeze instead of filling your freezer to its full capacity is a healthier freezing method. Since sufficient air flow can not be provided in loadings to the full capacity in one time, cooling process of your freezer might not be sufficient.
19. Do not allow food newly put into your freezer to make contact with frozen food.
20. Frozen inner surface of your device or frozen products should not be touched with wet hands. If touched, bonding might occur and might cause injuries.
21. Do not place explosive or flammable material in your deep freeze.
22. The device is not to be used with purposes other than it is intended (food storage) for commercial purposes, for example; cooling water, cooling fizzy or fizzless beverages in a bakery oven.
23. Your device is manufactured for home use and it's not appropriate to use it in commercial areas with a commercial purpose. Failures which might occur as a result of this type of usage is not covered in the warranty disclaimer.



Caution!

- **This appliance includes inflammable and explosive gas R600a. The ventilation holes on the casing and the body of the appliance should not be blocked.**
- **Do not use mechanical tools or other assemblies except the models recommended by the manufacturer to make defrosting quicker. Soğutma devresine hasar verilmemelidir.**
- **Except materials recommended by the manufacturer, no electric appliances should be used within food preserving partition of the appliance.**
- **In order to decrease the risk of ignition, this appliance shall only be installed and maintained by Simfer services.**

2. Technical Specifications

2.1 General product appearance and specifications

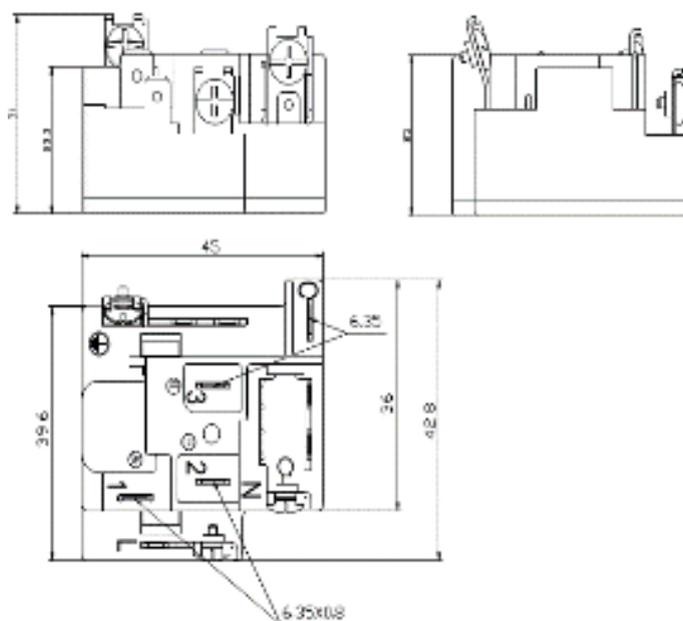
A+ / A++		Specifications	
MODEL NAME		10F300EN (175cm)	10F310EN (185cm)
TYPE		VERTICAL DEEP FREEZER	
VOLTAGE		220-240/50Hz	
GROSS VOLUME		324	300
EXTERNAL DIMENSIONS (mm)	WIDTH	595	595
	DEPTH	575	586
	HEIGHT	1725	1815
NET WEIGHT/WITH PACKAGING GROSS (kg)		78/ 86	85/ 94
TYPE AND AMOUNT OF THE REFRIGERANT		R-600a / 52g	R-600a / 45g
TEMPERATURE CONTROL		ELECTRONIC THERMOSTAT	
DEFROST		AUTO	
INSULATION	CABINET	Cyclo pentane	
	DOOR	Cyclo pentane	
ACCESSORIES			
	DRAWER	7	7-8

2.2 Electrical-Cooling Parts And Specifications

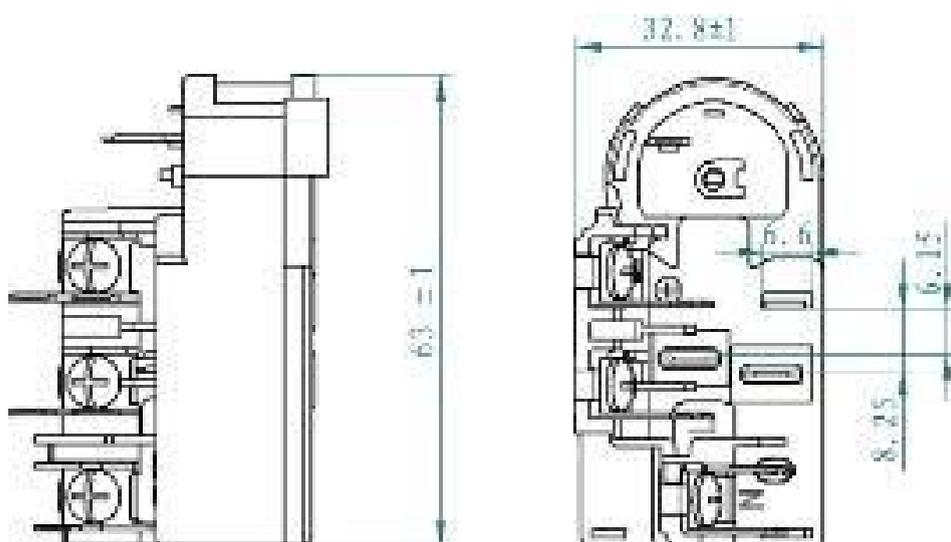
		SPECIFICATIONS	
	PRODUCT MODEL	10F300EN	
COMPRESSOR	MODEL	JIAXIPERA TB1114Y	GMCC PZ90H1Y
	STARTING TYPE	RSCR	RSCR
	OIL TYPE	Mineral, 200ml	Alkylbenzene, 140±10
Compressor winding	Main winding	21.5 Ω	23.1±7%Ω
	Auxiliary winding	22.6 Ω	30.2±7%Ω
STARTING RELAY	MODEL	TY -QZ-108-02	QPE2-C15MD3
OVERLOAD	MODEL	B50-120	DRB17T61A1
	CLOSING TEMPERATURE	61±9°C	61±9°C
PROTECTOR	OPENING TEMPERATURE	120±5°C	140±5°C
CAPACITOR	CONSTANT CIRCUIT	4 μF/450VAC	3 μF/450VAC
AUDIO		42dB	
EVAPORATOR		ALUMINIUM FIN EVAPORATOR 8x0.7mm	
CONDENSER		4mm painted steel wire condenser	
DRIER		Molecular XH-9	
CAPILLARY TUBE		Φ1.9*0.66*2140mm	

Starting Relay

QPE2-C15MD3

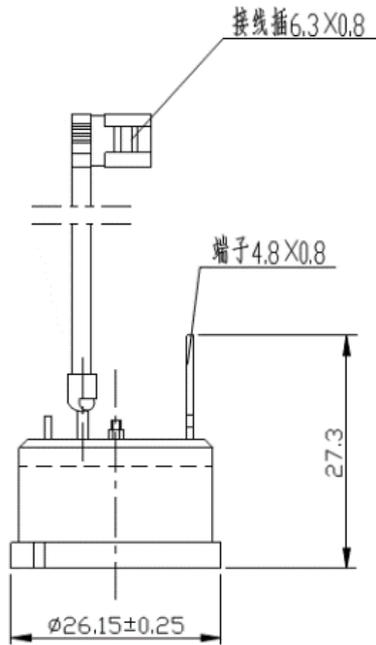


TY -QZ-108-
02 B50-120



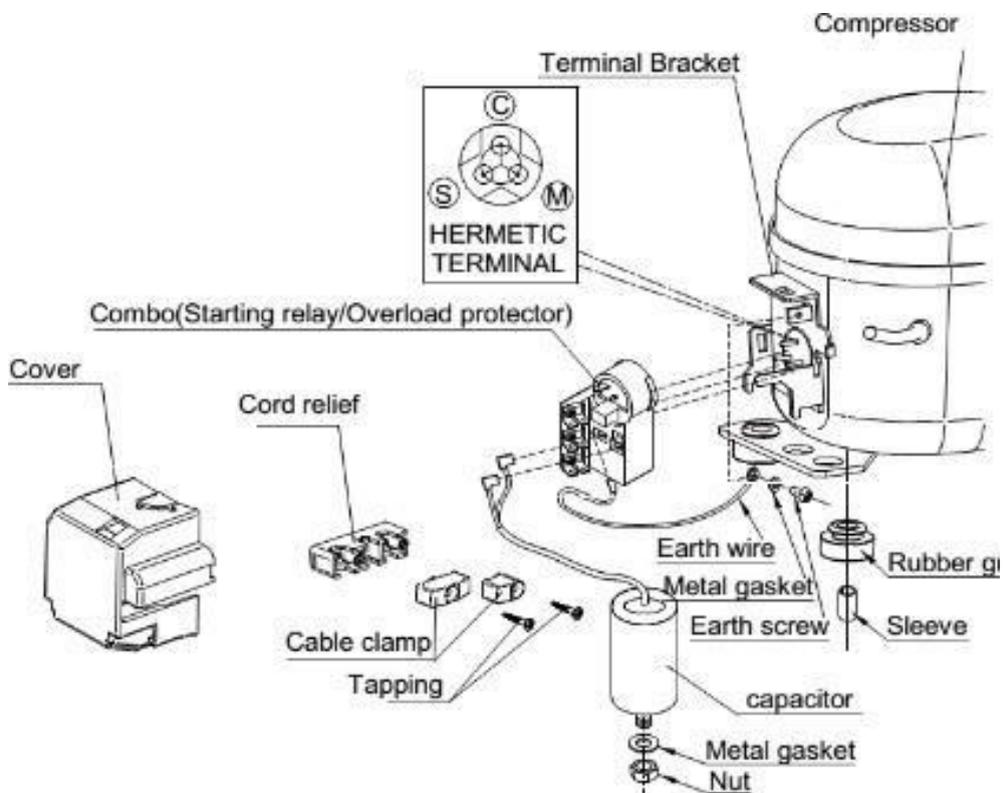
Current Protection Thermic

B54-105



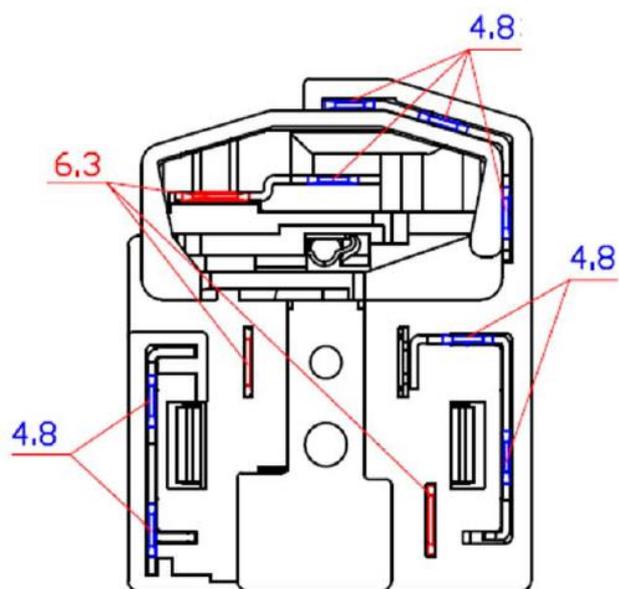
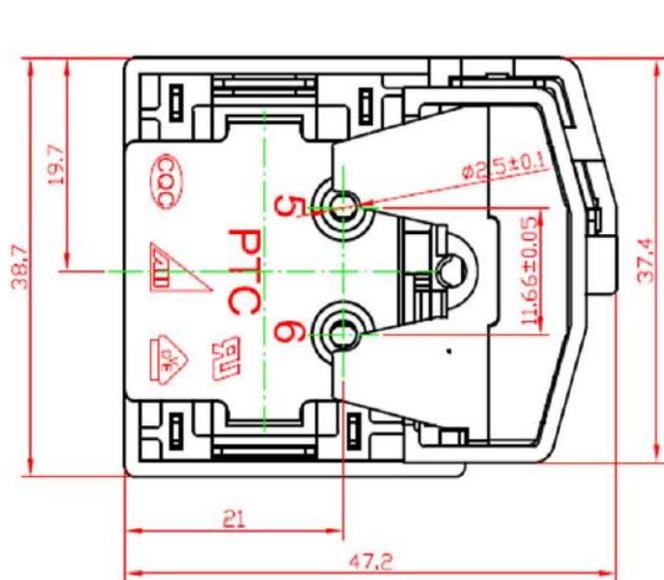
Compressor connection

Jiaxipera TB1114Y

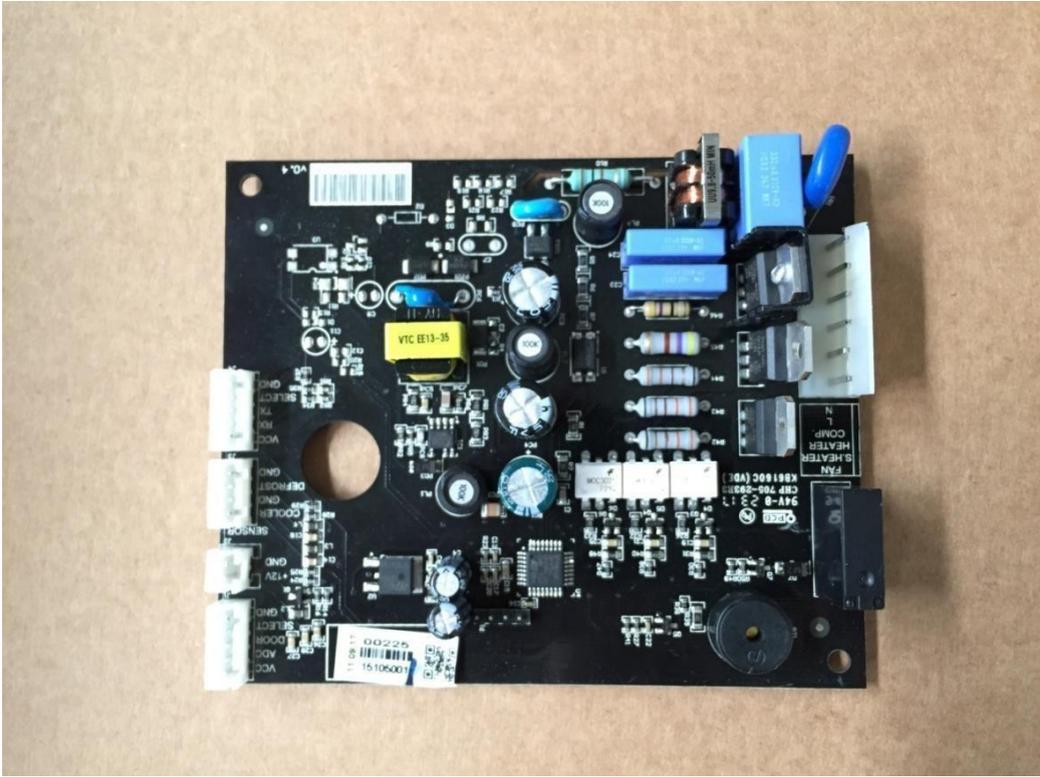


GMCC PZ90H1Y

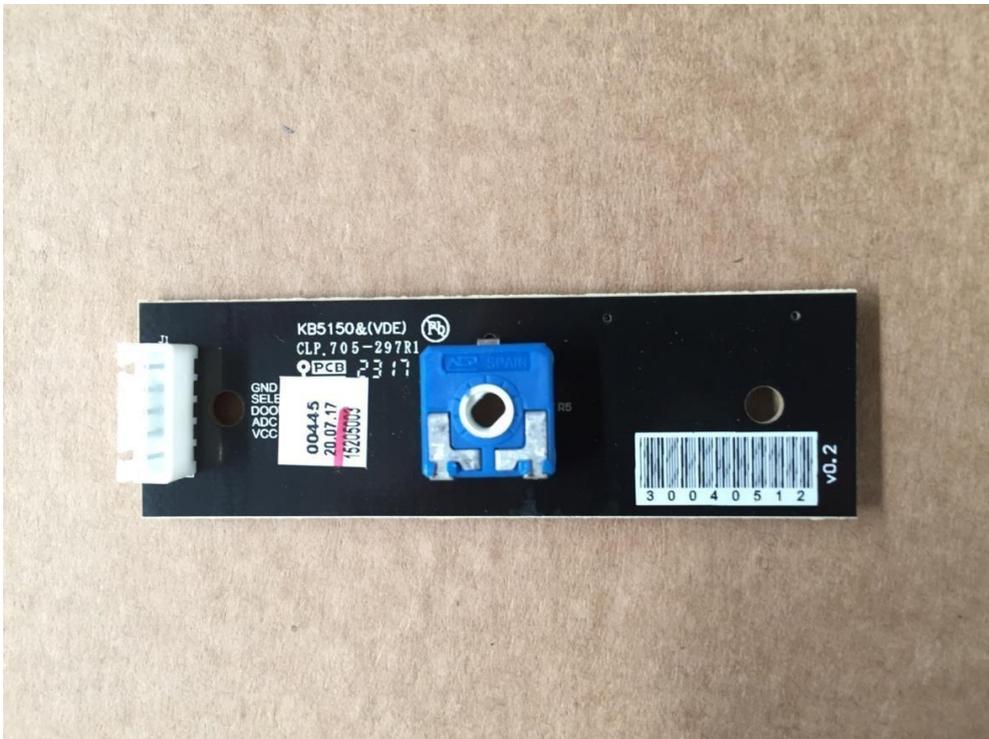
QPE2-C15MD3 +DRB17T61A1



Main Board



Pot Board



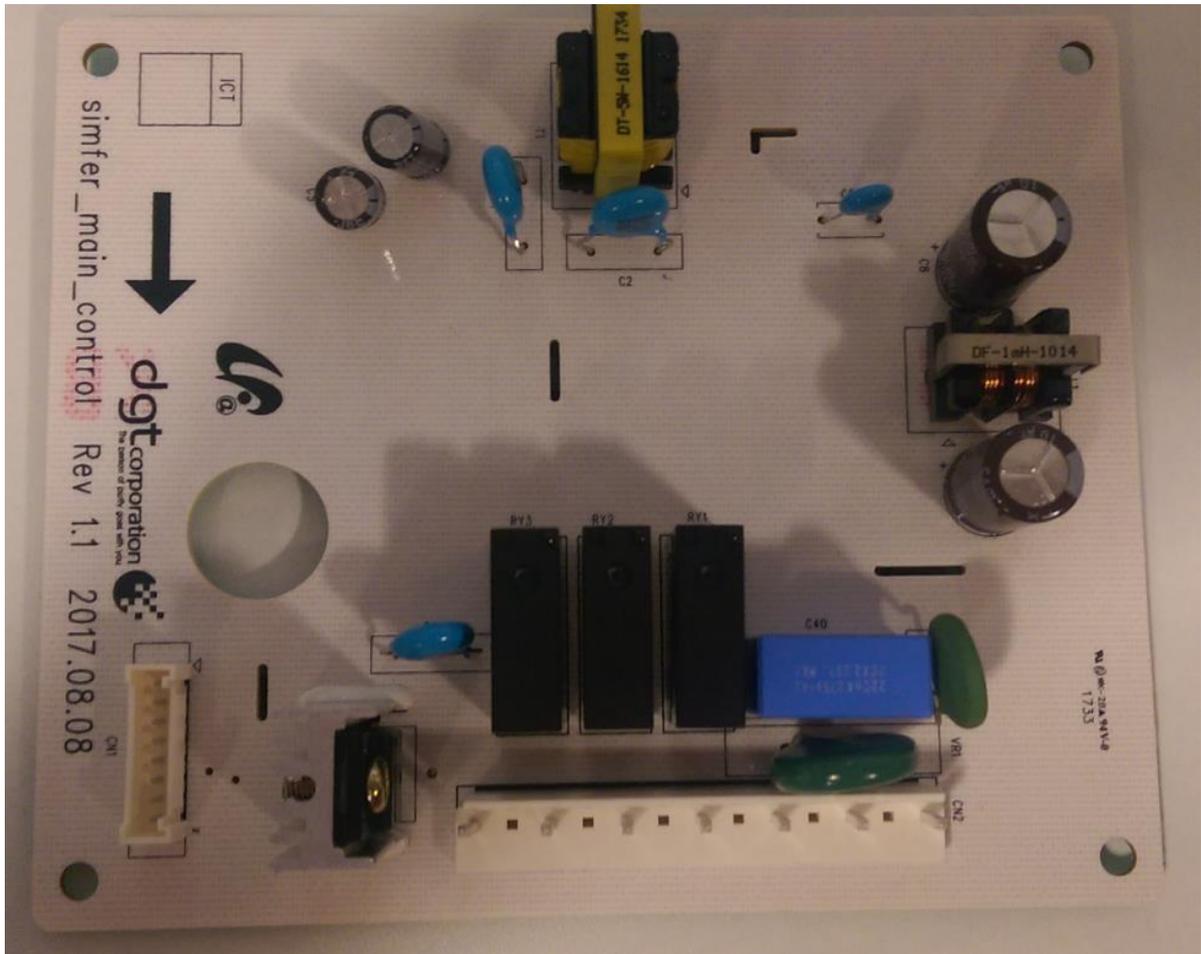
Display Board



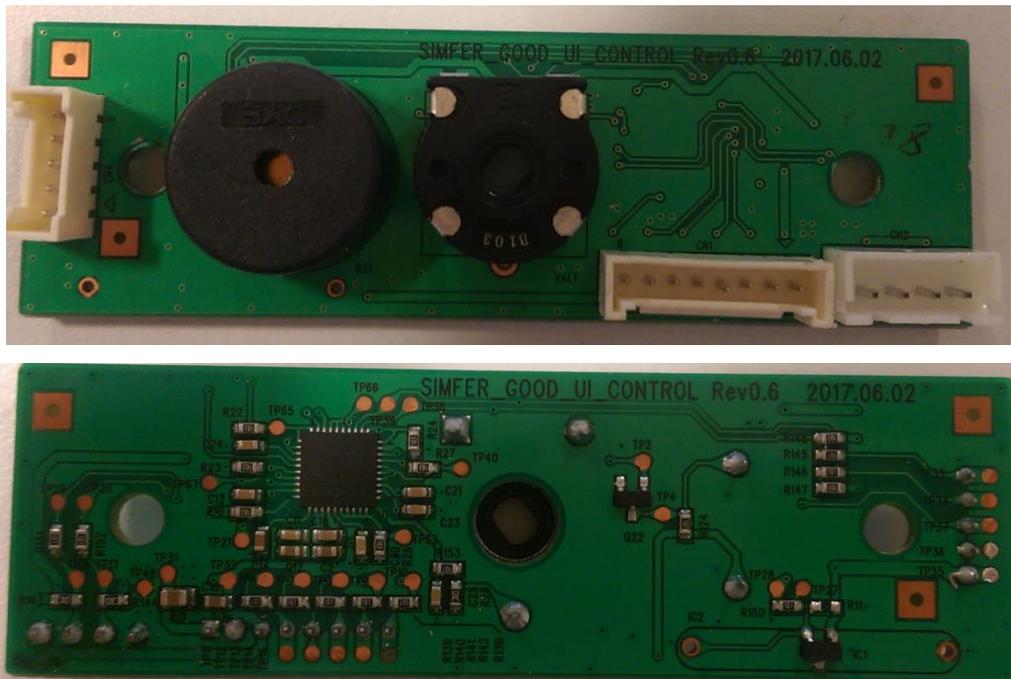
Led Board



MAIN BOARD (DGT-after 26.07.2018)



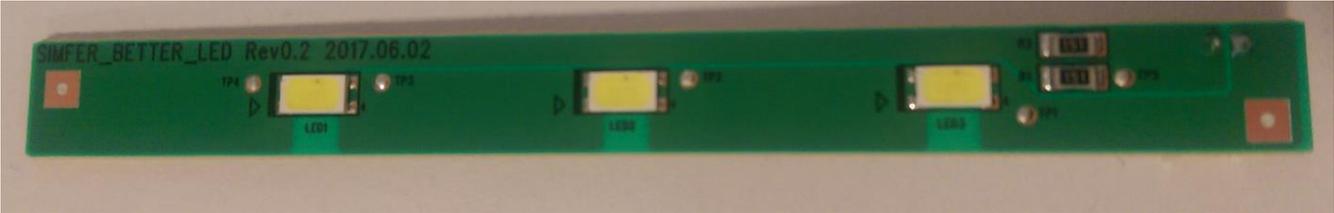
POT BOARD (DGT-after 26.07.2018)



DISPLAY BOARD (DGT-after 26.07.2018)



Led BOARD (DGT-after 26.07.2018)



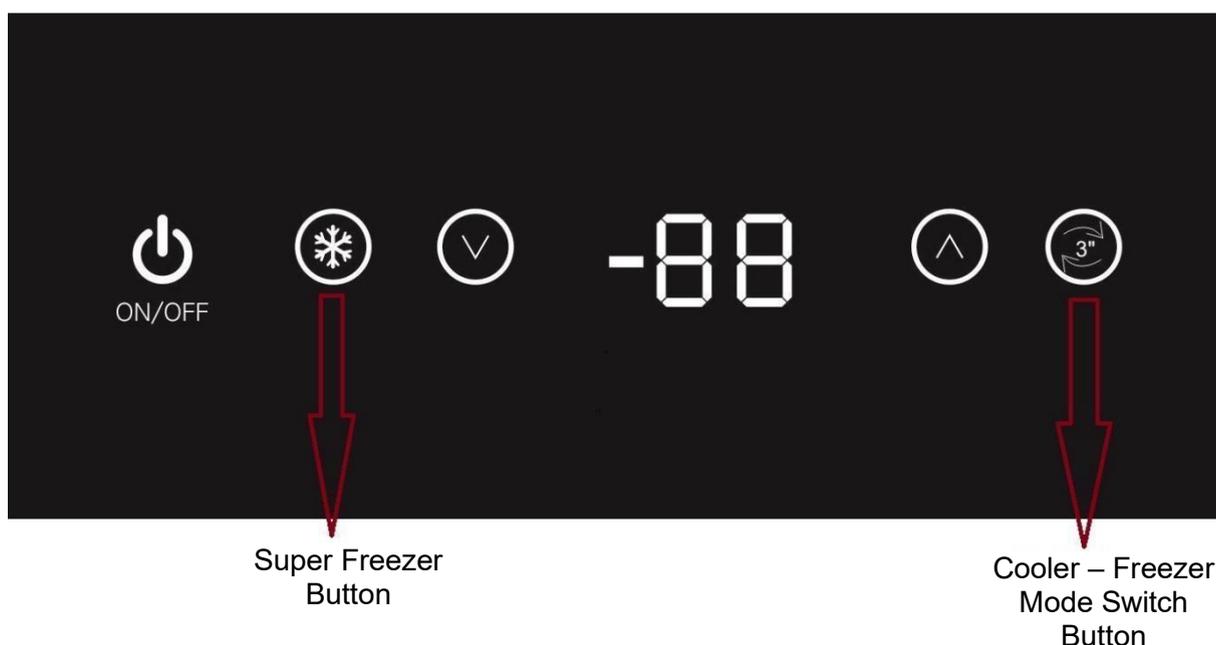
2.3 External Dimensions of the Product

Model	W (mm)	D (mm)	H (mm)
10F300EN (175)	595	575	1725
10F300EN (185)	595	586	1815

Details are provided in the technical diagram of the product.

2.4. Temperature control and adjusting

2.4.1. Electronic thermostat model:



Factory default set rate is -20°C.

a) Cooler: (Position For Mechanical Indicator Cooler)

The Cooler mode is activated by pressing the mod switch button on the electronic indicator board for 3 seconds. For mode switch, the digits flash for 10 seconds and buzzer provides an on signal for 1 second. Temperature is set to +4 °C.

b) OFF: (Position For Mechanical Indicator Off)

When the freezer is first energized, the display board on it is off. By pressing the On/Off button for 3 seconds, it is switched On and buzzer is switched on for 500 ms. When the appliance is Off, LED lighting is on and other components are off.

c) -18 °C (Position For Mechanical Indicator 1)

3 digit seven segment on the electronic indicator board is switched to '-18 °C' by pressing the up arrow button, and it is switched to Eco level. Then the temperature is set to 18°C.

d) -19 °C:

3 digit seven segment on the electronic indicator board is switched to '-19 °C' by pressing the up or down arrow button. Then the temperature is set to 19°C.

e) -20 °C: (Position For Mechanical Indicator 2)

3 digit seven segment on the electronic indicator board is switched to '-20°C' by pressing the up or down arrow button. Then the temperature is set to 20°C.

f) -21 °C:

3 digit seven segment on the electronic indicator board is switched to '-21°C' by pressing the up or down arrow button. Then the temperature is set to 21°C.

g) -22 °C: (Position For Mechanical Indicator 3)

3 digit seven segment on the electronic indicator board is switched to '-22°C' by pressing the up or down arrow button. Then the temperature is set to 22°C.

h) -23 °C:

3 digit seven segment on the electronic indicator board is switched to '-23°C' by pressing the up or down arrow button. Then the temperature is set to 23°C.

i) -24 °C:

3 digit seven segment on the electronic indicator board is switched to '-24°C' by pressing the down arrow button. Then the temperature is set to 20 °C.

j) Super Freezer: (Position For Mechanical Indicator Super Freezer)

Press "Super Freeze" button on the electronic indicator board for 3s to switch it to super freeze level. Defrost decision shall be made first if the product is switched to Super Freezer mode, and then the compressor shall be operated continuously for 48 hours. At the end of 48 hours, it is switched out of super freezer mode. At the end of operation the defrost decision is checked and it continues to operate on - 19°C set rate (-19 is indicated on the display).

To exit from the Super Freezer mode, press and hold the SF button for 3 seconds.

Following a power outage, the super freeze mode is off, goes on to operate at -19 °C set rate.

If super freeze mode is activated at Defrost stage, super freeze counter starts counting following defrost.

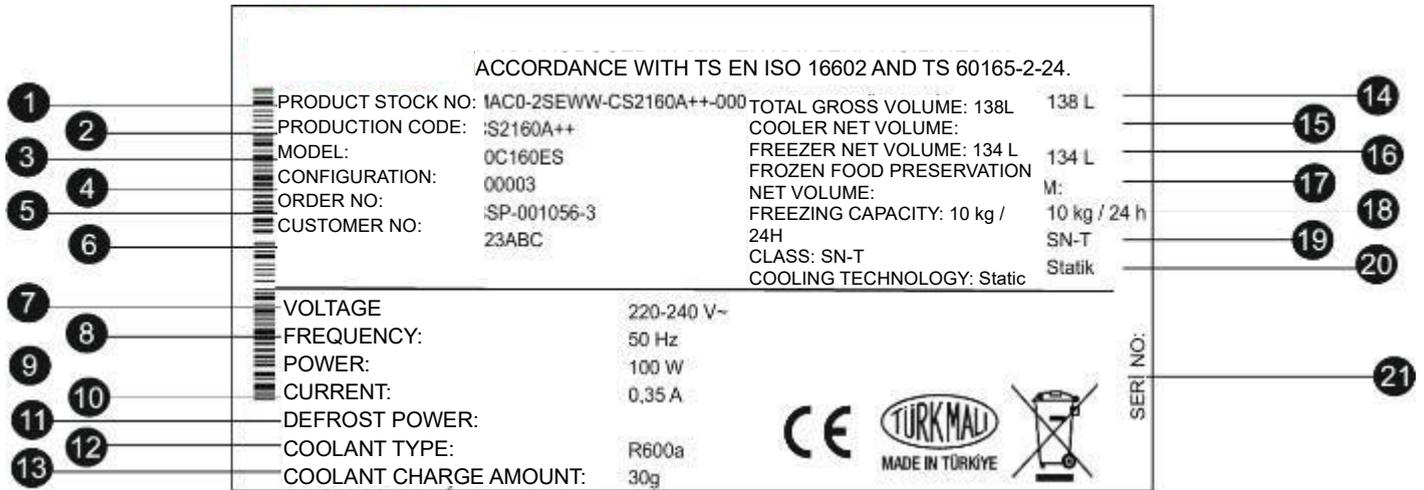
When high temperature alarm is available, super freeze mode is not activated.

Super freeze mode is not activated in Cooler mode.

Note: For switching to Freezer options, a beep is heard. 3 beeps are heard when switching to Super Freeze and "SF" is flashed for 10 seconds on the display board, at the end of 10 seconds the SF stops flashing. For switching to Cooler mode, a buzzer is switched on for one second and "4" °C flashes for 10 seconds on the display board, and at the end of 10 seconds "4" °C stops flashing. When the door is closed the display indicator is deactivated in 5 seconds, then it is activated when the door is opened.

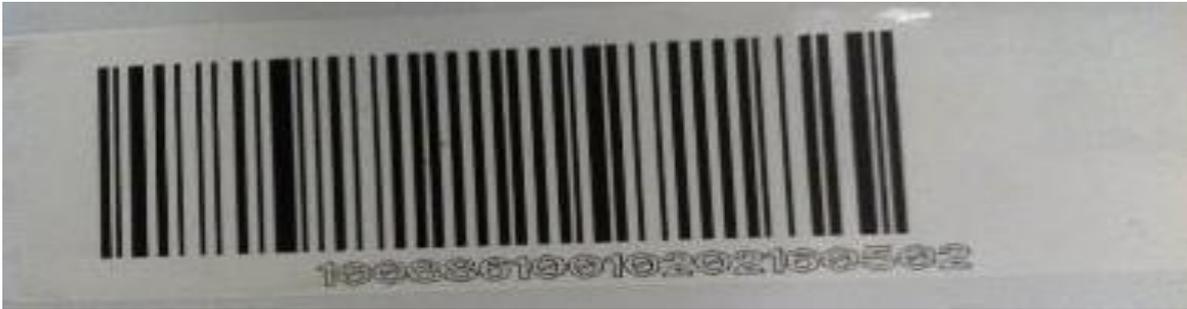
3. Product labelling and descriptions

3.1 Type label and descriptions



1. Product description code used in factory.
2. The code by which we distinguish volume and energy class of home products and export products within Simfer and is also given in the technical table in user manuals. Customer based variation is applicable.
3. Product main model code.
4. Short code generated in consequence of selection of options.
5. Order number and line number belonging to the order.
6. Market code belonging to the customer as per customer demand.
7. Permissible operating voltage of the device.
8. Permissible operating frequency of the device.
9. Value of maximum power used by the device.
10. Value of maximum current used by the device.
11. Out of use.
12. Type of refrigerant in device
13. Amount of refrigerant in device
14. Total gross internal volume of the device.
15. Out of use.
16. Usable net volume of the device.
17. Out of use.
- Maximum product quantity the device can freeze at a time within 18.24 hours.
19. Climatic class of the device. (SN-T : the device can operate between 10°C and 43°C)
20. The device has a static cooling system. No fan support is provided.
21. Serial number

3.2 Serial number expansion



Digit	1	0	0	6	8	6	1	0	0	1	0	2	0	2	1	6	0	5	0	2
	Configuration code						Numeric serial no.						month	year	PU facility automation code			Packaging automation code		

3.3 Product model name expansion

Digit	10	F	300	E	N
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MODEL

10C	240	E	S	PRODUCT TYPE	
10F				10F	VERTICAL DEEP FREEZE
				VOLUME	
				190	200 LT
	300			300	285 LT
				CONTROL TYPE	
				M	MECHANICAL CONTROL
		E		E	ELECTRONIC CONTROL
				COOLING TECHNOLOGY	
				S	STATIC
			N	N	NO FROST

4. Product Installation and Removal

4.1 Door Removal

Part Name	How to	Descriptive images
Lid	1. Use a flat screwdriver to remove the plastic cover protecting the hinge.	
	2. Using a phillips screwdriver, remove the upper metal hinge. Remove the door.	

4.2 Door handle and lock housing removal

Part Name	How to	Descriptive images
Cover Handle	MODEL 1 Remove two plastic plugs on the door handle and remove the phillips head screws to remove the door handle.	

	MODEL 2	
	Remove the plastic side covers by pushing them forward.	
	Remove the phillips head screw under the cover.	

4.3 Thermostat Removal

4.3.1. Electronic Thermostat

CAUTION: Always remove the plug of refrigerator before replacement. Ensure that the refrigerator is unplugged from power.

Part Name	How to	Descriptive Images
Electronic Thermostat Pot Control Panel	Insert a part of detail under the control panel with a diameter of 3-4 mm about 30mm and stretch the tab to the center of the refrigerator when you consider that the part contacts the tab. On the other hand, pull the control panel slightly forward.	
	Remove the control panel detached from the body from the seats on the sheet metal and take it out. Release the tabs of the electrical connectors, remove the connectors and then remove the thermostat by pulling its capillary out carefully.	
Electronic Thermostat Display+Led Check Panel	Insert a part of detail under the control panel with a diameter of 3-4 mm about 30mm and stretch the tab to the center of the refrigerator when you consider that the part contacts the tab. On the other hand, pull the control panel slightly forward.	

	<p>Remove the control panel detached from the body from the seats on the sheet metal and take it out. Release the tabs of the electrical connectors, remove the connectors and then remove the thermostat by pulling its capillary out carefully.</p>	
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4.4 Capacitor Removal

*On particular models

CAUTION: Always remove the plug of refrigerator before replacement. Ensure that the refrigerator is unplugged from power.

Part Name	How to	Descriptive Images
<p>Capacitor</p>	<p>Constant circuit capacitor is located on left rear corner of the compressor part.</p>	
	<p>Lightly move the capacitor to the right and left by holding its body and lift it up.</p>	
		

4.5 Compressor Removal

CAUTION: Always remove the plug of refrigerator before replacement. Ensure that the refrigerator is unplugged from power.

Part Name	How to	Descriptive Images
Compressor b*Do not use tools such as weld, etc. during removal.	Remove the right side plastic panel	
	Remove the body grounding connection and the compressor body grounding connection.	
	Remove the connections of the terminal assembly. Then, remove the door holding metal clip by stretching it with a flat screwdriver.	
	Pull the cover out by hand and take it out. Using a flat screwdriver, remove the thermal terminals	

	on the back of the relay by hand.	
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	<p>Relay and Thermic are separated by removing connections on relay and thermic.</p>		
	<p>Condenser connecting pipe is cut at a point close to drier with a pipe cutter. Then, compressor outlet pipe is cut at a point 2-3 cm away from the welding point.</p>		
	<p>Finally, cut the compressor return pipe 2-3 cm away from the welding point. Then, flatten the compressor leg trivet using a long nose pliers and remove the compressor.</p>		

CAUTION: Never interfere with a device filled with R600a gas
With weld.

If you are not able to cut the drier inlet pipe, ensure that the gas is discharged by gashing the drier body with side cutting pliers. Then, cut the pipes

4.6 Condenser removal

Part Name	How to	Descriptive Images
Rear Wire condenser, of which the refrigerant	On the is drained, detach the inlet and outlet parts of the condenser from the compressor.	
	Remove rear wire condenser from the holders with a phillips screwdriver.	

4.7 Eva Group Removal

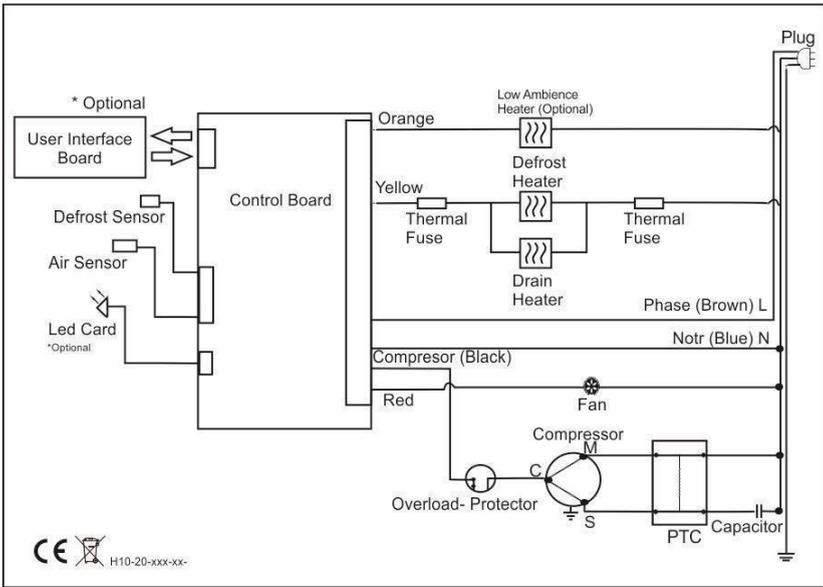
Part Name	How to	Descriptive Images
Eva Group	Remove the drawer assemblies and glass shelves of the refrigerator. Pull and take out the Eva upper cover with a tool.	

Remove the screw plug with a thin tool and use a phillips screwdriver to remove the screws.

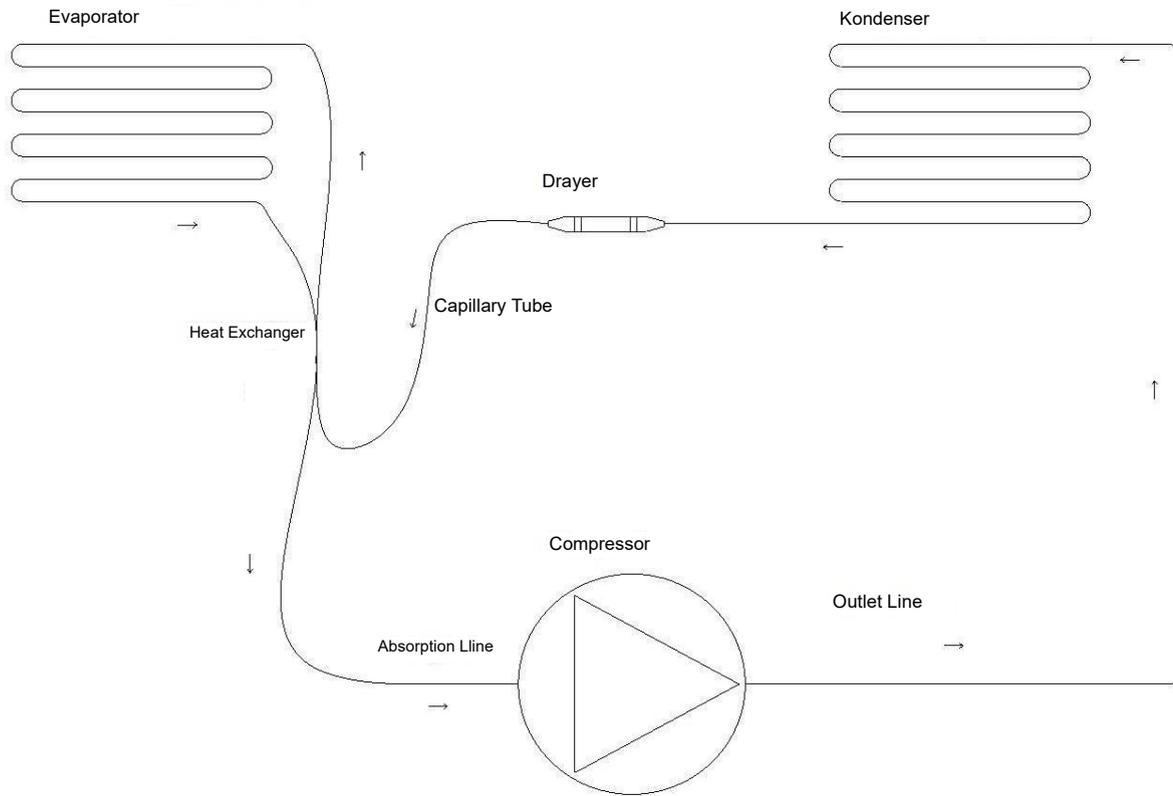


	<p>Remove the connector by releasing the tabs of the eva connector. Remove evap connector slot from the main board with a phillips screwdriver and remove the connector by releasing the tabs of the connector.</p>	
	<p>Remove the fan motor housing using a phillips screwdriver, and remove the motor and the fan.</p>	

5. Power cycle diagram

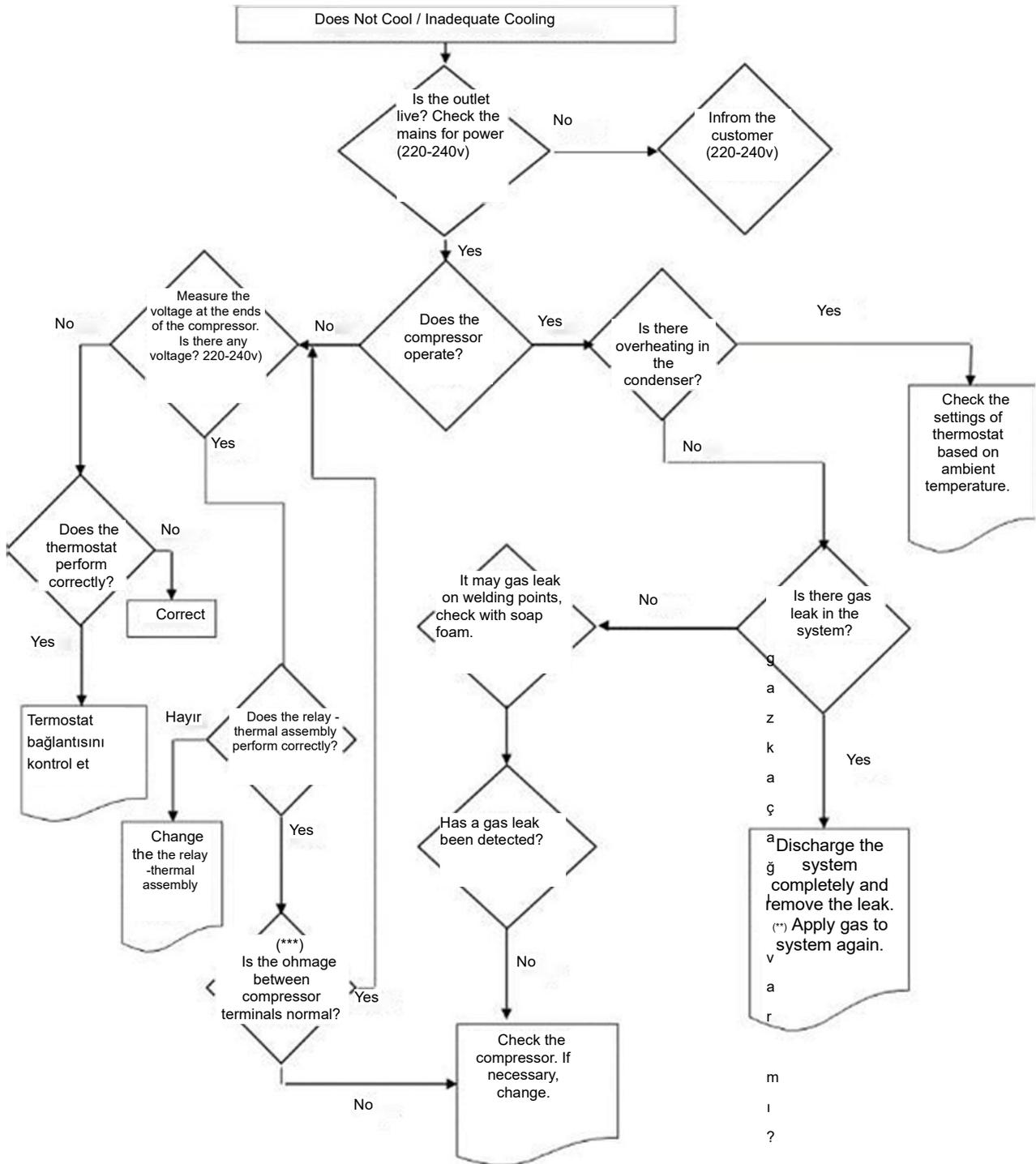


6. Cooling cycle diagram



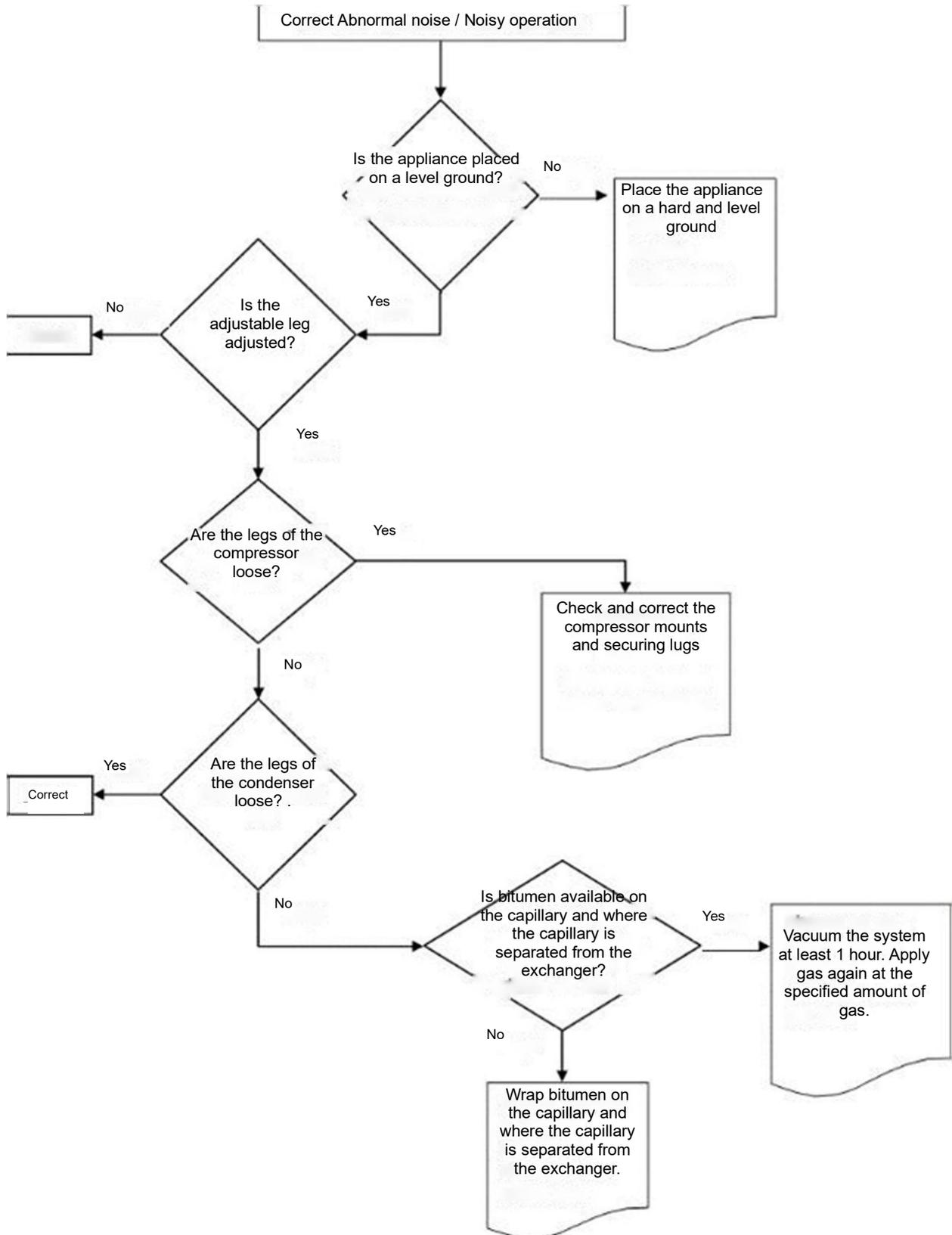
7. Product Failure

7.1 Device is not working or not cooling



(*) Check for gas leaks at each visible pipe and connection point (**) Before charging the system with gas, always replace the drier and vacuum for at least 5 hours, then charge refrigerant with the amount specified by the label value. (***) See technical data about for compressor winding values.

7.2 Device runs loudly



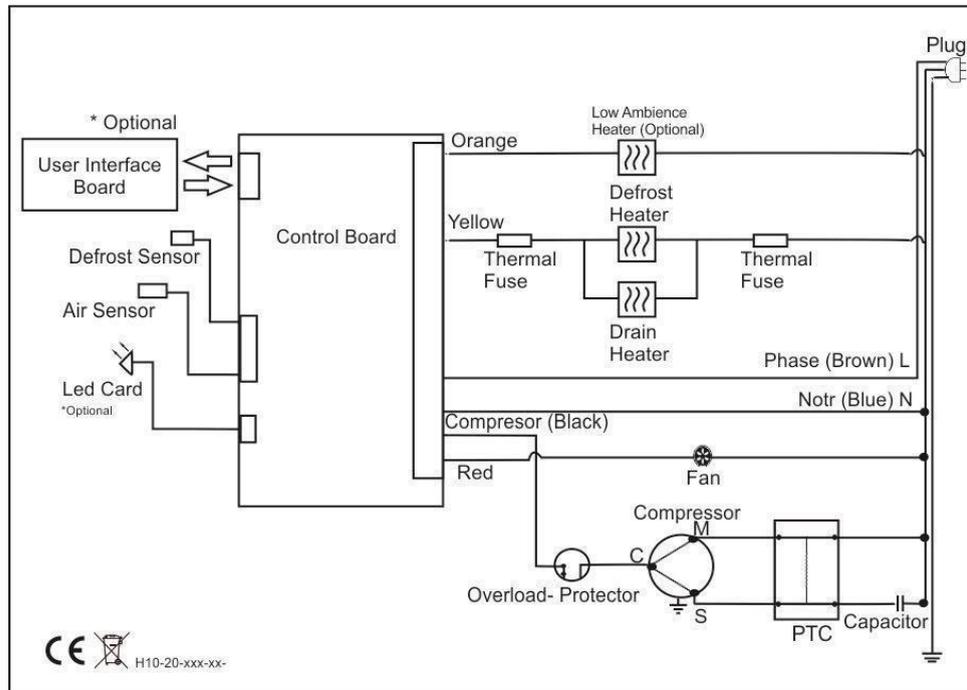
7.3 Cooling system troubleshooting

Symptom	Reason	Remedy
<ul style="list-style-type: none"> • Evaporator cooling decreases but heats up afterwards • Condenser heat is increasing • Mode of operation never changes 	System failed due to presence or formation of humidity.	Discharge refrigerant from the cooler. Replace the drier, vacuum and restore required amount of refrigerant.
<ul style="list-style-type: none"> • Condenser is cold • Evaporator is cold • Compressor is hot 	Foreign material inside the system prevents cooling cycle.	Discharge refrigerant from the cooler. Replace the drier, vacuum and restore required amount of refrigerant.
<ul style="list-style-type: none"> • There is not any temperature difference between return pipe and pressure pipe. • Compressor temperature is at ambient temperature • Evaporator does not available 	Compressor failure	Replace compressor.
<ul style="list-style-type: none"> • Frosting in the return pipe • Condenser is overheated • Evaporator is not working efficiently 	Too much refrigerant.	Discharge refrigerant from the cooler. Replace the drier, vacuum and restore required amount of refrigerant.

<ul style="list-style-type: none">• Condenser is cold• Compressor surface is too hot• Freezer cooling rate is very slow	Refrigerant leak (regional icing may be observed on the evaporator.) System failed due to presence or formation of humidity.	Discharge refrigerant from the cooler. Replace the drier, vacuum and restore required amount of refrigerant.
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7.4 Electrical system troubleshooting

CAUTION: Always remove the plug of refrigerator before interference. Ensure that the refrigerator is unplugged from power.



7.5 Product Error Codes

a) Error Codes (Error Codes for Products with an Indicator and

Electronic Board) E1: Abnormal temperature alarm

Solution: For freezer mode, abnormal temperature alarm is initiated when air sensor $> -5\text{ }^{\circ}\text{C}$ condition is sensed for 3 hours. When the air sensor $< -12\text{ }^{\circ}\text{C}$, abnormal temperature alarm is deactivated.

For cooler mode, abnormal temperature alarm is initiated when air sensor $> +15\text{ }^{\circ}\text{C}$ condition is sensed for 1 hour. When the air sensor $< +8\text{ }^{\circ}\text{C}$, abnormal temperature alarm is deactivated.

For cooler mode, abnormal temperature alarm is initiated when air sensor $< 0\text{ }^{\circ}\text{C}$ condition is sensed for 1 hour. When the air sensor $\geq 0\text{ }^{\circ}\text{C}$, abnormal temperature alarm is deactivated.

3 beep signals are provided at every 30 seconds (only an audible signal is provided for the mechanical board) and “E1” error code is indicated and flashes on the indicator board.

Check the cooling system of the product.

E2: Defrost failure

Solution: E2 error is displayed if the product cannot reach the defrosting temperature of +10 degrees 3 times consecutively and if the defrost operation is ended after 6 minutes. Check the position of defrost sensor on the evaporator and the operating state of the defrost heater.

4 beep signals are provided at every 60 seconds (only an audible signal is provided for the mechanical board) and “E2” error code is indicated and flashes on the indicator board.

E3: Air Sensor failure

Solution: E3 error is issued when the ambient temperature sensor that can be seen inside the fridge is faulty. Check the sensor connector on the main board.

E4: Defrost Sensor failure

Solution: E4 error is issued when the temperature sensor on the evaporator is faulty. Check the sensor connector on the main board.

7.6. Service and Dealer Test

a) Service Test

If the up and down arrow buttons on the appliance electronic indicator board are pressed for 3 seconds in the first 30 seconds of initial energization, all digits and LED lighting will flash with 0.5 second intervals for two turns and then the board version no is displayed on the screen. This way the service test mode is activated.

the first digit of the 2 digit 7 segment will be used for component selection and will be selected via super freezer button. In other words, for each press of the SF button, H (Defrost & drain heater), h (Low ambience heater), F (Fan), L (LED Lighting), C (Compressor) will be sequentially displayed. 2. Digit shall be used to determined the on/off state of the selected component and 0/1 selection (on/off) will be made with up and down arrow buttons. In initial specification, all components shall be off (0).

Component	Component selection (1st Digit)	On (2nd digit)	Off (2nd digit)
Defrost&Drain Heater	H	1	0
Low Ambiance Heater	h	1	0
Fan	F	1	0
LED Lighting	L	1	0
Compressor	C	1	0

When the appliance is de-energized, the board is out of service test mode. If the appliance is left in service test mode, after 30 minutes it is automatically out of service test mode. The mode utilized before service mode is continued.

Component	Component selection (1st Digit)	On/Off (2nd digit)
Defrost&Drain Heater	H	0
Low Ambiance Heater	h	0
Fan	F	1
LED Lighting	L	0
Compressor	C	1

For instance, while the components selected in the table is activated, the other components are deactivated.

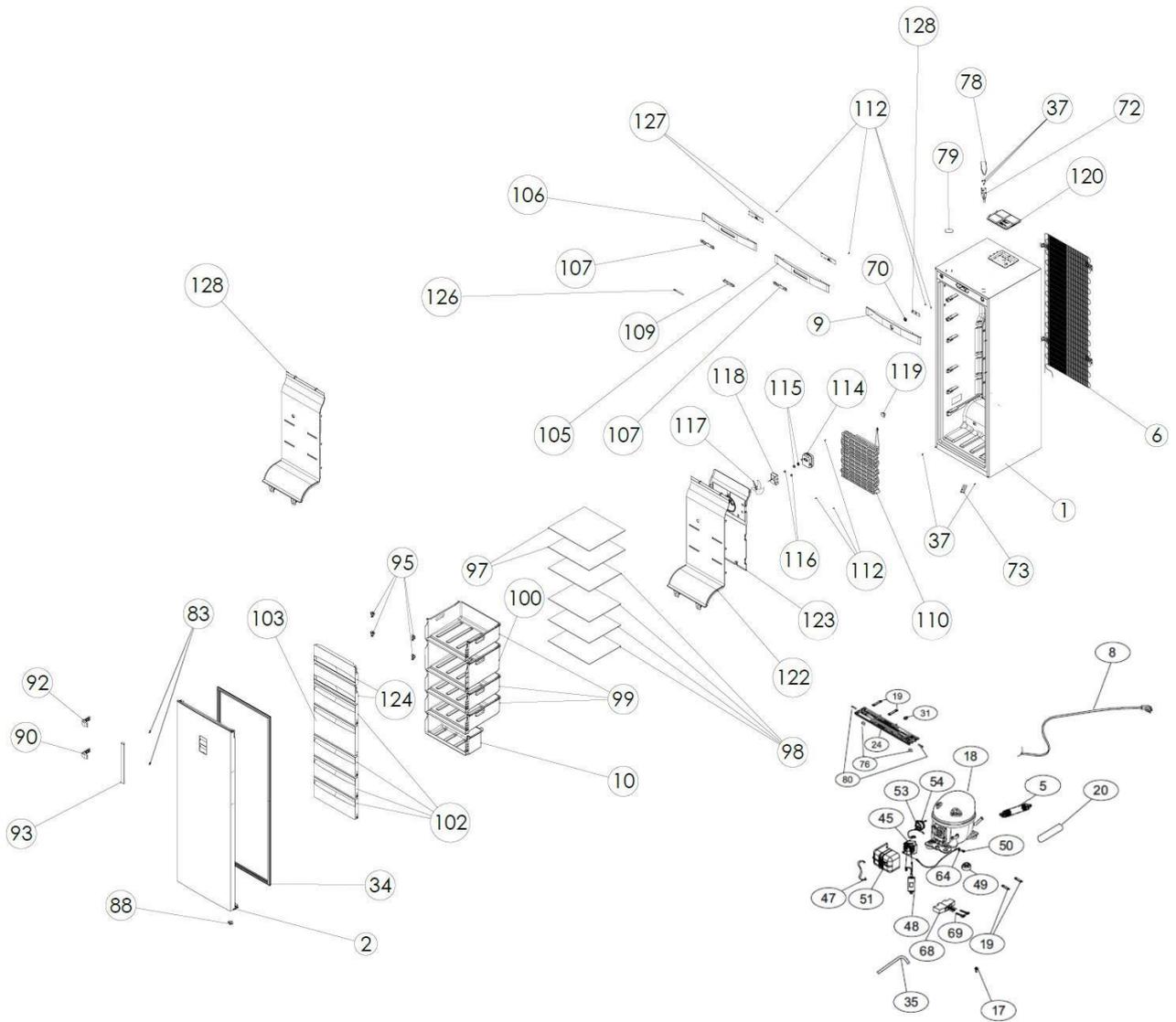
b) Dealer Mode

At dealers, for showcasing the appliance, instead of activating all of the components, a visual operation showcase is preferred. To switch to this mode, after initial energization, the Super Freeze and Mod switch button is simultaneously pressed for 3 seconds in 30 seconds when first energized. When the appliance is de-energized, the board is out of dealer mode. It returns to the factory default set values.

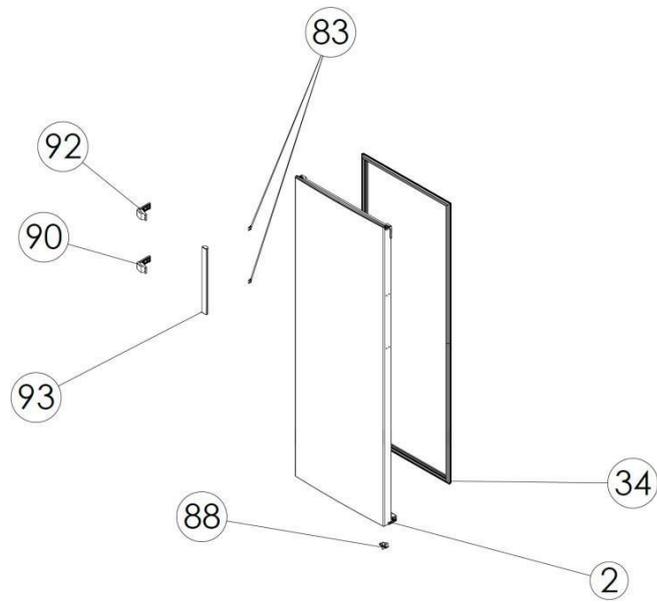
At this mode, the compressor, fan and heaters are off. The appliance interior LED lighting and the indicator board are active. All functions on the indicator board is **visually** active but the components are not activated or deactivated.

8. Exploded Image of the Product

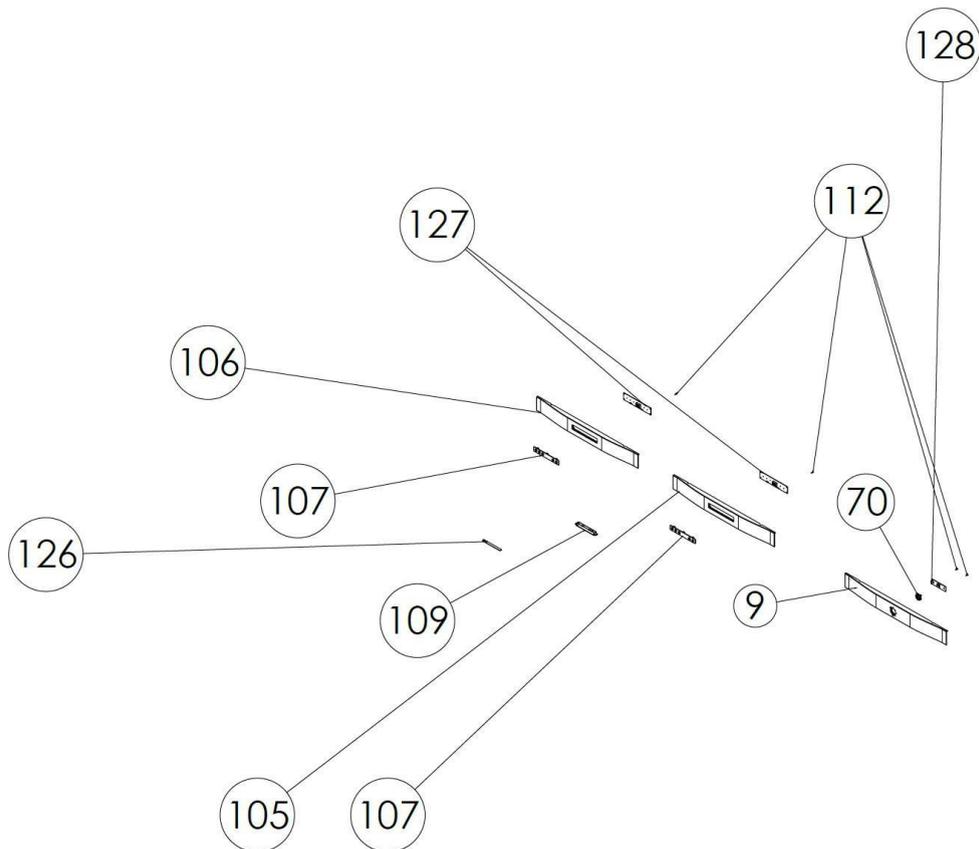
8.1 General View



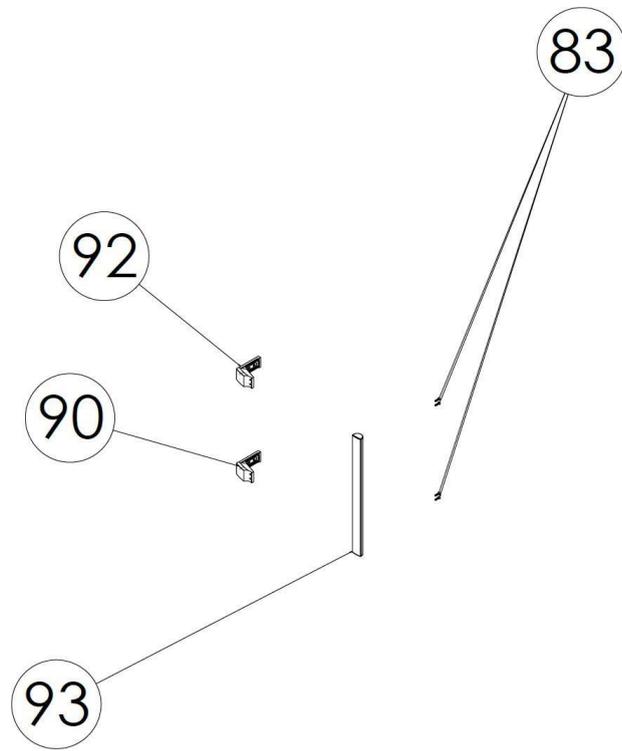
8.2 Door Assembly



8.3 Thermostat control panel



8.4 Door handle assembly



9. Spare Part Lists

NF 175 Spare Parts List

Grouped Service Codes	Material Code	Material Definition	Part No.
	YUF7D-54BB-070-001	PU BODY PK NF. 7 DRA. 175CABINET	1
	H60-10-240-033	SCREW Ø3.9X13 YSB DRILL BIT POINTED	7
	H35-30-520-085	CONDENSER (UF7D)	6
	YUF00-7000-054-018	CONDENSER HOLDER PLS.	4
	H35-30-360-024	THERMOSTAT FOSHAN KPF35V4-E/EXPROOF	58
	YUF02-70BB-054-001	CONTROL PANEL BODY	9
	YUF02-70BB-054-002	CONTROL PANEL BODY TOUCH NF	105
	YUF02-70BB-054-003	CONTROL PANEL BODY TOUCH+LED	106
	YUF00-7000-054-015	CONTROL PANEL POT BUTTON UF	70
	YUF00-7000-054-017	THERMOSTAT FIXING PLS.	71
YC200-2600-901-063	H35-30-520-087	COMPRESSOR-TB1114Y-JIAXIPERA 220-240V 50Hz R600a	18
	YUF00-5100-010-012	COMP. LOCK (1 MM)	19
	YUF7D-5100-010-002	COMPRESSOR PLATE 1 MM 60 CM	24
	H25-30-320-008	TOP HINGE UF00	72
	H25-30-320-009	BOTTOM HINGE UF00	73
	H25-70-140-068	ADJUSTABLE LEG WHITE UF	74
	H70-15-110-026	SILICONE CYLINDRICAL HAT UF00	75
	YUF00-7000-054-019	COMP. WHEEL YUF	76
	YUF00-7000-054-014	ADJUSTABLE LEG SUPPORT PLS.	77
	YUF00-7000-054-002	DOOR TOP HINGE COVER	78
	H60-10-140-002	SCREW M5X12 YSB	37
	YUF00-7000-054-013	TOP HINGE REINFORCEMENT PLUG	79
	H25-30-320-012	COMP. WHEEL PIN	80
	H60-10-140-038	SCREW M5X18 HEXAGON FLANGE	21
YC200-2600-901-057	YUF7D-22BB-015-001	PU DOOR GR 7 DRAWER	2
	YUF00-7000-054-005	DOOR HANDLE STOPPER	81
	YUF00-7000-054-006	DOOR SIDE STOPPER	82
	H60-10-120-025	SCREW M4X12 YHB STAINLESS	83
	H15-50-000-013	GLASS SHELF 60 CM LARGE UF7D	97
	H15-50-000-014	GLASS SHELF 60 CM SMALL UF7D	98
	YUF7D-70BB-054-005	DRAWER BODY STANDARD 60 CM	99
	YUF7D-70BB-054-	DRAWER BODY BIG BOX 60 CM	100

	006		
	YUF7D-70BB-054-009	DRAWER BODY SMALL 60 CM	101
YC200-2600-901-059	YUF7D-7000-054-004	DRAWER COVER STANDARD 60 CM	102
YC200-2600-901-058	YUF7D-7000-054-003	DRAWER COVER BIG BOX 60 CM	103
	H60-10-240-032	Ø3.9X13 YHB SHARP POINTED FLAP SCREW	84
	YUF7D-70BB-054-003	FREEZER TRAY 60 CM	85

	YUF00-70BB-054-001	FREEZER	86
	YUF00-5100-010-011	HANDLE REINFORCEMENT UF	87
	YUF00-5100-010-003	BOTTOM HINGE STOPPER	88
	H60-10-220-012	SCREW Ø3,5X22 YSB SHARP POINTED STAINLESS	104
	H70-10-200-009	SLOT-IN GASKET VERTICAL 7C	34
	YUF00-7000-054-004	DOOR HANDLE BOTTOM STOPPER PLS.	90
	YUF00-5100-010-004	DOOR HANDLE INSERT	91
	YUF00-7000-054-021	DOOR HANDLE TOP STOPPER PLS.	92
	H25-25-140-012	DOOR HANDLE PROFILE (330 MM)	93
	YUF00-7000-054-003	DOOR BOTTOM LEFT/RIGHT MAGNET PIN BEARING	94
	YUF02-7000-054-004	FLAP MECHANISM PLS. LEFT	95
	YUF02-7000-054-005	FLAP MECHANISM PLS. RIGHT	96
	H35-30-520-005	ROLE TY-QZ-003 (Suitable for LR58CY)	45
	H35-30-520-006	THERMIC (B35-105 Suitable for LR58CY)	53
	H35-30-520-007	THERMIC MOUNTING SPRING	54
	H35-30-520-008	RELAY COVER (Suitable for LR58CY)	51
	H35-30-520-009	COVER SPRING	47
	H35-30-520-012	GROUNDING SCREW (Suitable for LR58CY)	50
	H35-30-520-013	SPRING WASHER (GROUNDING)	64
	H35-30-520-014	CAPACITOR 2.5UF CLAW TYPE (Suitable for LR58CY)	48
	H35-30-520-015	COMPRESSOR BUMPER	49
	H35-30-520-010	RELAY CAP CLIPS	68
	H35-30-520-011	RELAY CAP CLIPS SCREW	69
	H40-20-140-038	EVAP. WITH FIN	110
YC200-2600-901-060		EVA LOWER COVER ASSEMBLY 175	128
	YUF02-7000-054-011	EVA LOWER COVER	
	YUF02-7000-054-012	EVA COVER REAR LOWER	
		SHEET SCREW Ø2.9X9.5 YSB DRILL BIT POINTED	112
		FAN	113
	YUF02-7000-054-013	FAN MOTOR HOUSING	114
	YUF02-7000-054-024	FAN VIBRATION DAMPENING SILICONE FRONT-REAR	115
	YUF02-7000-054-003	FAN VIBRATION DAMPENING SILICONE	116
	YUF02-7000-054-014	FAN PROPELLER	117
		FAN MOTOR	118
	YUF02-70BB-054-005	EVA COVER PLUG	
	YUF02-7000-054-015	EVA HOLDER	
	YUF02-7000-054-006	FLAP 175 CM 60 CM NF	
	YUF02-7000-054-008	CONNECTOR SLOT	
	YUF02-7000-054-010	CONNECTOR SLOT FRONT COVER	

	YUF02-7000-054-007	FLAP SCREW REINFORCEMENT	
	YUF02-70BB-054-007	BOARD BOX COVER	120
	YUF02-7000-054-018	SENSOR BOX	
	YUF02-7000-054-019	SENSOR COVER	
	YUF02-7000-054-009	CONNECTOR SLOT REAR COVER	

	YUF02-7000-054-016	EVA UPPER COVER	
	YUF02-70BB-054-006	BOARD BOX	
	YUF02-7000-054-023	GAS LEAK INSPECTION PLUG	119
	YUF02-7000-054-022	DISPLAY ILLUMINATION GLASS	107
	YUF02-7000-054-021	EVAPORATION BOWL	
	YUF02-7000-054-020	LED BOARD COVER	109
	H35-30-420-021	TOUCH CONTROL BOARD NF	127
	H35-30-500-008	POT BOARD UF NF	121
	H35-30-500-007	LED BOARD UF NF	126

NF 185 Spare Parts List

Grouped Service Codes	Material Code	Material Definition	Part No.
	YUF7D-54BB-070-001	PU BODY PK NF. 7 DRA. 175CABINET	1
	H60-10-240-033	SCREW Ø3.9X13 YSB DRILL BIT POINTED	7
	H35-30-520-085	CONDENSER (UF7D)	6
	YUF00-7000-054-018	CONDENSER HOLDER PLS.	4
	H35-30-360-024	THERMOSTAT FOSHAN KPF35V4-E/EXPROOF	58
	YUF02-70BB-054-001	CONTROL PANEL BODY	9
	YUF00-7000-054-015	CONTROL PANEL POT BUTTON UF	70
	YUF00-7000-054-017	THERMOSTAT FIXING PLS.	71
YC200-2600-901-063	H35-30-520-087	COMPRESSOR-TB1114Y-JIAXIPERA 220-240V 50Hz R600a	18
	YUF00-5100-010-012	COMP. LOCK (1 MM)	19
	YUF7D-5100-010-002	COMPRESSOR PLATE 1 MM 60 CM	24
	H25-30-320-008	TOP HINGE UF00	72
	H25-30-320-009	BOTTOM HINGE UF00	73
	H25-70-140-068	ADJUSTABLE LEG WHITE UF	74
	H70-15-110-026	SILICONE CYLINDRICAL HAT UF00	75
	YUF00-7000-054-019	COMP. WHEEL YUF	76
	YUF00-7000-054-014	ADJUSTABLE LEG SUPPORT PLS.	77
	YUF00-7000-054-002	DOOR TOP HINGE COVER	78
	H60-10-140-002	SCREW M5X12 YSB	37
	YUF00-7000-054-013	TOP HINGE REINFORCEMENT PLUG	79

	H25-30-320-012	COMP. WHEEL PIN	80
	H60-10-140-038	SCREW M5X18 HEXAGON FLANGE	21
YC200-2600-901-057	YUF7D-22BB-015-001	PU DOOR GR 7 DRAWER	2
	YUF00-7000-054-005	DOOR HANDLE STOPPER	81
	YUF00-7000-054-006	DOOR SIDE STOPPER	82
	H60-10-120-025	SCREW M4X12 YHB STAINLESS	83
	H15-50-000-013	GLASS SHELF 60 CM LARGE UF7D	97
	H15-50-000-014	GLASS SHELF 60 CM SMALL UF7D	98
YC200-2600-901-056	YUF6D-3100-044-001	DRAWER COVER 54 CM 195 MM	

YC200-2600-901-055	YUF5D-3100-044-001	DRAWER COVER 54 CM 246 MM	
	YUF6D-70BB-054-003	DRAWER BODY SMALL 54 CM 195 MM	
	YUF6D-70BB-054-001	DRAWER BODY SMALL 54 CM 195 MM	
	YUF5D-70BB-054-001	DRAWER BODY SMALL 54 CM 246 MM	
	H60-10-240-032	Ø3.9X13 YHB SHARP POINTED FLAP SCREW	84
	YUF7D-70BB-054-003	FREEZER TRAY 60 CM	85
	YUF00-70BB-054-001	FREEZER	86
	YUF00-5100-010-011	HANDLE REINFORCEMENT UF	87
	YUF00-5100-010-003	BOTTOM HINGE STOPPER	88
	H60-10-220-012	SCREW Ø3,5X22 YSB SHARP POINTED STAINLESS	104
	H70-10-200-009	SLOT-IN GASKET VERTICAL 7C	34
	YUF00-7000-054-004	DOOR HANDLE BOTTOM STOPPER PLS.	90
	YUF00-5100-010-004	DOOR HANDLE INSERT	91
	YUF00-7000-054-021	DOOR HANDLE TOP STOPPER PLS.	92
	H25-25-140-012	DOOR HANDLE PROFILE (330 MM)	93
	YUF00-7000-054-003	DOOR BOTTOM LEFT/RIGHT MAGNET PIN BEARING	94
	YUF02-7000-054-004	FLAP MECHANISM PLS. LEFT	95
	YUF02-7000-054-005	FLAP MECHANISM PLS. RIGHT	96
	H35-30-520-005	ROLE TY-QZ-003 (Suitable for LR58CY)	45
	H35-30-520-006	THERMIC (B35-105 Suitable for LR58CY)	53
	H35-30-520-007	THERMIC MOUNTING SPRING	54
	H35-30-520-008	RELAY COVER (Suitable for LR58CY)	51
	H35-30-520-009	COVER SPRING	47
	H35-30-520-012	GROUNDING SCREW (Suitable for LR58CY)	50
	H35-30-520-013	SPRING WASHER (GROUNDING)	64
	H35-30-520-014	CAPACITOR 2.5UF CLAW TYPE (Suitable for LR58CY)	48
	H35-30-520-015	COMPRESSOR BUMPER	49
	H35-30-520-010	RELAY CAP CLIPS	68
	H35-30-520-011	RELAY CAP CLIPS SCREW	69
	H40-20-140-038	EVAP. WITH FIN	
		SHEET SCREW Ø2.9X9.5 YSB DRILL BIT POINTED	
		FAN	
	YUF02-7000-054-	FAN MOTOR HOUSING	

	013		
	YUF02-7000-054-024	FAN VIBRATION DAMPENING SILICONE FRONT-REAR	
	YUF02-7000-054-003	FAN VIBRATION DAMPENING SILICONE	
	YUF02-7000-054-014	FAN PROPELLER	
		FAN MOTOR	
	YUF02-70BB-054-005	EVA COVER PLUG	
	YUF02-7000-054-015	EVA HOLDER	
	YUF02-7000-054-008	CONNECTOR SLOT	
	YUF02-7000-054-010	CONNECTOR SLOT FRONT COVER	
	YUF02-7000-054-007	FLAP SCREW REINFORCEMENT	
	YUF02-70BB-054-007	BOARD BOX COVER	
	YUF02-7000-054-018	SENSOR BOX	

	YUF02-7000-054-019	SENSOR COVER	
	YUF02-7000-054-009	CONNECTOR SLOT REAR COVER	
	YUF02-70BB-054-006	BOARD BOX	
	YUF02-7000-054-023	GAS LEAK INSPECTION PLUG	
	YUF02-7000-054-022	DISPLAY ILLUMINATION GLASS	
	YUF02-7000-054-021	EVAPORATION BOWL	
	YUF02-7000-054-020	LED BOARD COVER	
YC200-2600-901-060		EVA LOWER COVER ASSEMBLY 185	128
		EVA COVER UPPER	
	YUF03-70BB-054-001	LOWER EVA COVER FRONT 185	
	YUF03-70BB-054-003	LOWER EVA COVER REAR 185	
	YUF02-7000-054-029	FLAP 190MM	
	YUF02-7000-054-030	FLAP 165MM	

10. Smart coding

CODE	COOLING	NUMBER OF DRAWERS	INSTRUMENT	ENERGY	COLOUR	DUAL MODE
FS 7301 NF A+	No Frost	7 Drawers	POT	A+	White	No
FS 7302 NF A+ D	No Frost	7 Drawers	POT	A+	White	Available
FS 7303 NF A+ INX	No Frost	7 Drawers	POT	A+	Inox	No
FS 7304 NF A+ D INX	No Frost	7 Drawers	POT	A+	Inox	Available
FS 7305 NF A+ S	No Frost	7 Drawers	POT	A+	Silver	No
FS 7306 NF A+ D S	No Frost	7 Drawers	POT	A+	Silver	Available
<i>FS 7401 NF A+</i>	<i>No Frost</i>	<i>7 Drawers</i>	<i>POT</i>	<i>A+</i>	<i>White</i>	<i>No</i>
<i>FS 7402 NF A+ D</i>	<i>No Frost</i>	<i>7 Drawers</i>	<i>POT</i>	<i>A+</i>	<i>White</i>	<i>No</i>
<i>FS 7403 NF A+ INX</i>	<i>No Frost</i>	<i>7 Drawers</i>	<i>POT</i>	<i>A+</i>	<i>Inox</i>	<i>No</i>
<i>FS 7404 NF A+ D INX</i>	<i>No Frost</i>	<i>7 Drawers</i>	<i>POT</i>	<i>A+</i>	<i>Inox</i>	<i>Available</i>
<i>FS 7405 NF A+ S</i>	<i>No Frost</i>	<i>7 Drawers</i>	<i>POT</i>	<i>A+</i>	<i>Silver</i>	<i>No</i>

175 Cabinet

185 Cabinet

<i>FS 7406 NF A+ D S</i>	<i>No Frost</i>	<i>7 Drawers</i>	<i>POT</i>	<i>A+</i>	<i>Silver</i>	<i>Avai labl e</i>
FS 8401 NF A+	No Frost	8 Drawers	POT	A+	White	Opt.
FS 8402 NF A+ D	No Frost	8 Drawers	POT	A+	White	No
FS 8403 NF A+ INX	No Frost	8 Drawers	POT	A+	Inox	No
FS 8403 NF A+ D INX	No Frost	8 Drawers	POT	A+	Inox	Avai labl e
FS 8403 NF A+ S	No Frost	8 Drawers	POT	A+	Silver	No
FS 8404 NF A+ D S	No Frost	8 Drawers	POT	A+	Silver	Avai labl e

8 Drawers

OCEAN®



Direzione Commerciale / Amministrativa: Via Sanvito Silvestro, 55 – 21100 Varese ITALY
Tel. +39 0332 296011 fax +39 0332 296012
Sede Legale: via Leone XIII n°14 – 20145 Milano ITALY
Cap. Soc. Euro 2.500.000,00 – Società con Socio Unico
R.E.A. Milano 1544616 Cod. Fisc. – Part. IVA e n° Registro Imprese: 12287310150
www.ocean.it

For product improvement, specifications and appearance in this manual are subject to change without prior notice.