

# **INSTRUCTIONS FOR USE TEFCOLD EXPRESS**

**İÇİNDEKİLER**

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## 1. Foreword

Dear valued customer,

Before using your device, read the instruction of use carefully. The instruction of use includes important information about setup, safety, usage and care of your device. Thus you both protect yourself and prevent any damage to your device. Keep your instructions of use and hand in to the next owner.

Products do not contain PCB, PCT, asbestos, formaldehyde, cadmium, similar hazardous substances and substances that harm to the user. Producing company does not take any responsibility for any damage that may occur in cases such as misuse of the device, installation faults, lack of periodic care, not using genuine parts, failure to comply with the given information, warnings and precautions.

## 2. Safe and beneficial usage

Some statements and practices in this instruction of use can change depending on the type and the model of the device.



THIS DEVICE IS MANUFACTURED ACCORDING TO THE LEGAL SAFETY REGULATIONS.

Attention should be paid to following rules below for a non-hazardous and a safe use.

- Before connecting the device to the electric wiring, compare the type tag data(voltage and frequency) to your data in the electric network. In order not to damage your device, these data have to match each other. When in doubt, call your electrician.
- The safety of your device can only be provided if a protected wiring system (ground cable) that is laid according to the rules is connected. It is very important to follow this basic safety measure. When in doubt, have the electrical wiring examine by a specialist. Otherwise, the producing company is not responsible for any damage that may occur. (e.g., electrical shock)
- Montage, connection and repair works of the device must only be done by qualified personnel. Otherwise, the producing company cannot be held responsible for any possible dangers for the user.
- Do not use any splicing cables in the electrical connection of the device. Splicing cables cannot provide the necessary safety for your device.
- Do not keep explosive substance or substances that contain inflammable gases (e.g., spray boxes) in your device. May cause mixtures to explode.
- Do not operate electrical tools inside the device. There may be a spark. Risk of explosion!
- Do not use steam pressure cleaning tools while cleaning the device. Pressurized steam can leak to the electrolyte parts and can cause a short circuit.
- If you have any doubt about electrical connection, work or safety of the device, appeal for help.
- Do not remove any external protection cover unless specifically stated in this instruction of use. Otherwise, you can reach the life-threatening electrical parts.
- All work on electrical parts should be done by an authorized and qualified electrician or a person.
- Maximum load line must be taken into account when loading the goods into the device.
- Protective equipment should be used during cleaning and service of the device. (e.g.,gloves)
- Do not allow children to play with the device.
- The device should not be used by people with physical (visual, audio) or mentally disabled, children and persons with lack of experience and knowledge, without the supervision of a person who responsible for their safety. Children should be supervised while using the device and make sure they do not play with the device.

### **3. Introduction**

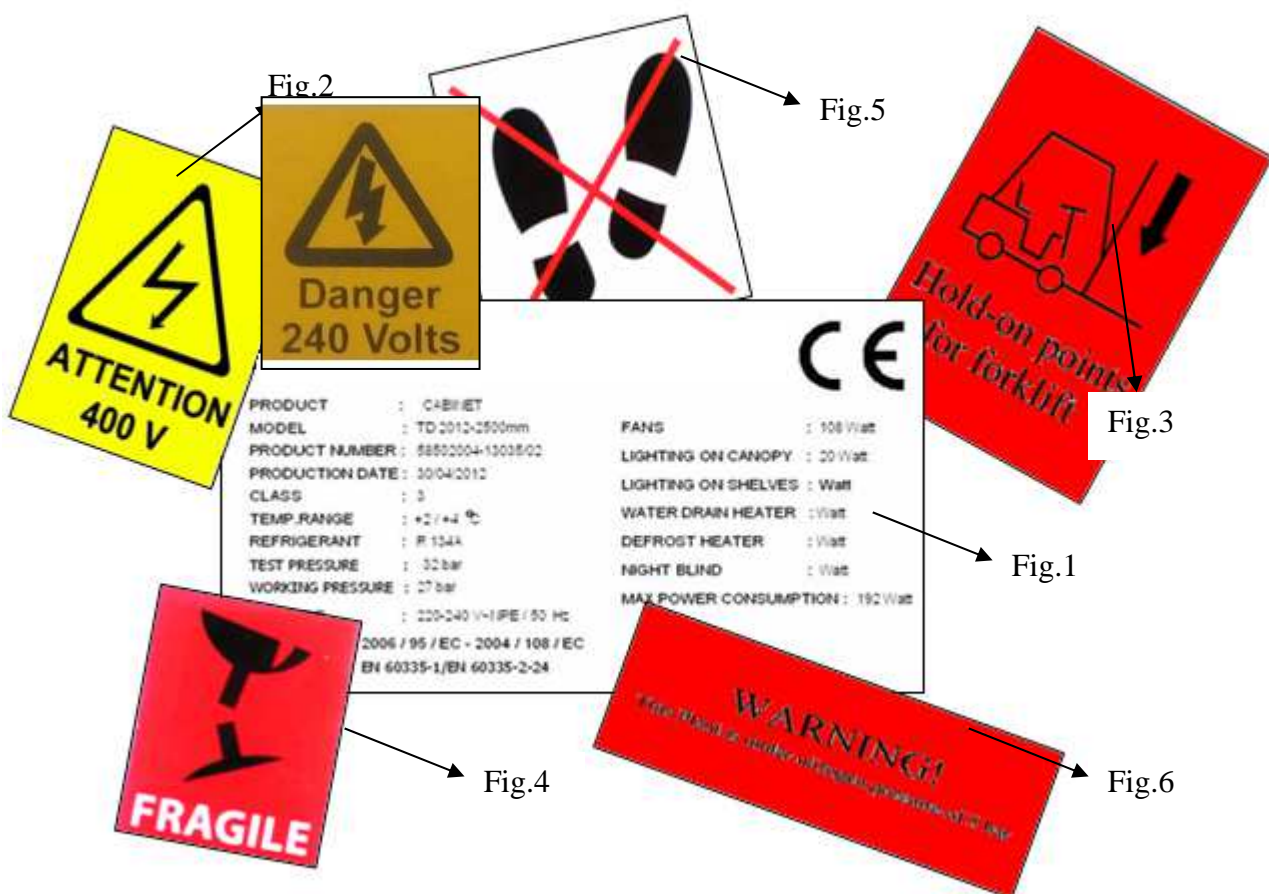
Bu This guide has been prepared for Tefcold Express device. As a whole, there are information about how to use the device, technical specifications, installment and montage, of the device, information and suggestions for the users and cleaning and care operations.

Tefcold Express is a vertical, with or without a cover, multi-shelf designed cooler. The cooling unit is located on the device and the cooling unit is a plug-in device. With its wide display area and loading capacity, it is suitable for normal to and larger stores. Food such as dairy & meat, products can be displayed in the cabinet. The cabinet has an off cycle defrost. Run case module is 1250mm, 1875mm, 2500mm long.

#### 4. Warning and introduction labels that on the device

The labels on the device and what they about are written below. However, the labels can change according to the type and version of the device.

- Product's identification label (Image 1): Product's identification label is located in the cabin and includes device's technical data as follows: Producing company, logo and address information, certificate that belongs to the product and certificates of quality that belong to the producer, version of the device, serial number of the device, production date of the device, climate class, temperature range, the type of refrigerant used in the device, approved certificate of the device and directives that are suitable, test pressure, working pressure, working voltage values, the power of evaporator fan, lighting electric power, night curtain electric power, defrost resistors electric power, frame resistances electric power, glass resistances electric power, etc.
- High voltage label (Image 2): The high voltage label is located on the conduit box of the device.
- Transport label (Image 3): Pallets are attached to the cabinets for transportation. Transport by forklift or pallet can be done thanks to this pallet. There is a label on the device about the transport location. Transport: The aforementioned label should be placed in the middle of the forklift arms.
- Fragile Label (Image 4): This label is located on the product and points out that there is a risk of fracture. At this point, it should be treated lightly to prevent any damage that may occur.
- Non-Print Label (Image 5): It is located on the base of the device, on the pan.
- Pressure Label (Image 6): The pressure label is located at the exit point of the copper pipes. It is used in order to determine the amount of nitrogen.



## 5. Norms and Certificates

Referans Norms that used as reference and approved certificates of the device:  
EN 60204-1; EN 60439-1; EN 60439-2

ENVIRONMENTAL CLIMATIC MEDIA (EN 23953)

This device has been tested for a climatic media 3.

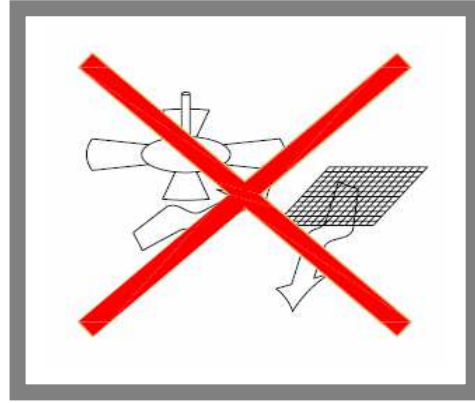
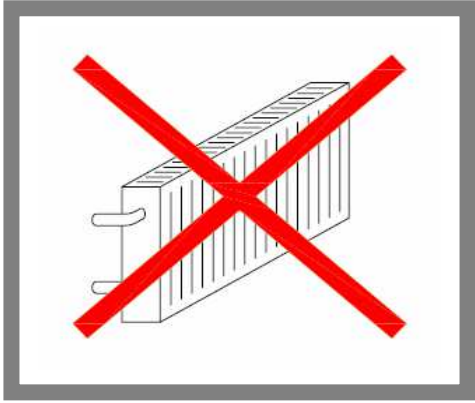
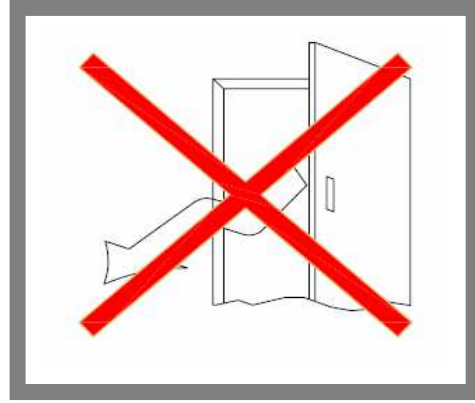
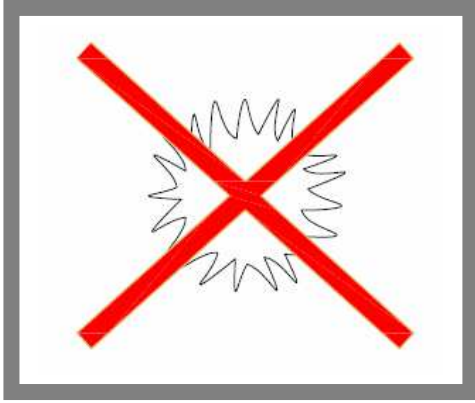
Climatic Media	Dry Air Temperature	Relative Humidity	Dew Point
1	16°C	80%	12°C
2	22°C	65%	15°C
3	25°C	60%	17°C
4	30°C	55%	20°C
5	40°C	40%	24°C
6	27°C	70%	21°C

Directives that are suitable for the device EEC 73/23, EEC 98/37

## 6. Settlement and environmental conditions

Attention should be paid for placement listed below:

- Do not place your device in direct sunlight.
- Do not place your device in front of a door.
- Do not place your device close to any heat source.
- Do not place your device where it will be exposed to direct air flow such as a air conditioning or a ventilator.
- Do not place your device in open air.
- Do not place your device near the places with explosive gas.





## 7. Cleaning, Maintenance and Technical Service



MAKE SURE THE CABIN'S MAIN SWITCH IS OFF OR NOT ELECTRICALLY CONNECTED BEFORE ANY CARE AND CLEANING OPERATION

Make sure that the package isn't damaged when it is purchased. Open the package without harming the device. Make sure that any parts of the device are undamaged and in place. Contact the supplier company in case of any damage.

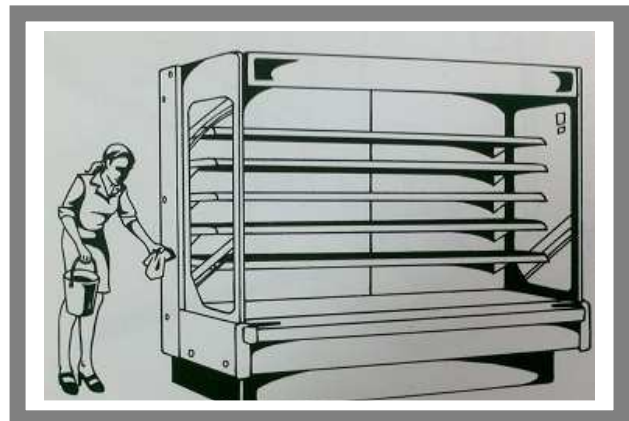
It is essential to clean and maintain your device periodically. The cleaning part of these is done by the user. These are cleaning the interior and exterior surfaces of the device. Before starting to clean your device, turn off the cooling and lighting switch, disconnect the electricity. Take the goods in the device and put them in a place that will not go off during cleaning.



AS A CLEANING MATERIAL, DO NOT USE ABRASIVE AND SCRATCHING SUBSTANCES, ALCOHOL, SODA OR CHEMICAL SOLVENTS!

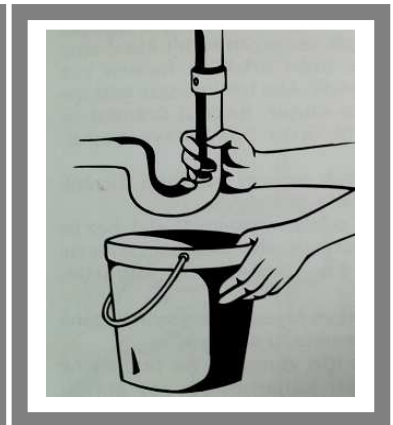
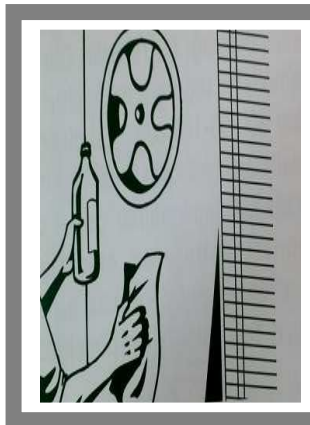
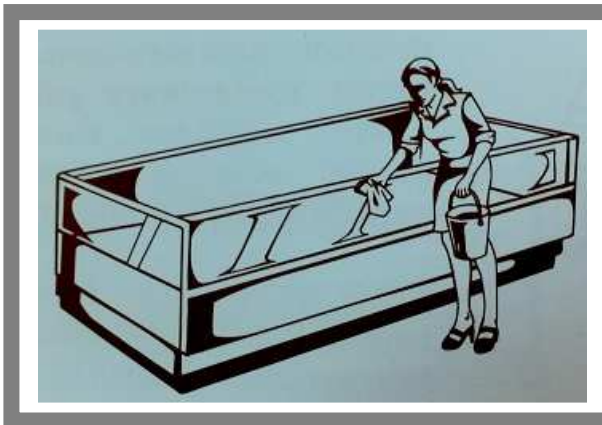
### A. External cleaning (Daily / Weekly)

- Clean the exterior parts of the cupboard weekly with detergent and warm water.
- Do the cleaning with a soft cloth and clean water.
- Do not use abrasives, rubber cloth or solvents that will damage the exterior surface.
- Do not use water or detergent on electrical parts.
- Do not use alcohol to clean plexiglass parts.



**B. Internal cleaning (Monthly)**

- Before the internal cleaning, wait for the interior surface of your device to react to ambient temperature.
- Remove all the parts that can be removed (e.g., pan, shelves, different wires, etc.), clean them with hygienic cleaners mixed with warm water and dry the parts carefully.
- While cleaning the pans, be careful not to let foreign substances and dirt fall into the parts where the fans are.
- Wipe the dirt in the evaporator section with a moist cloth after cleaning residual liquids and residues from the products.
- Disinfect the inside of the device so that the malodors caused by rotting and deterioration do not affect the products. When disinfecting, do not use substances that smell strongly and may cause acidification.
- If the water drain is not completely blocked, wash it with plenty of water without removing it. Repeat this process until you are sure that the water drain is cleaned.
- Contact the authorized service in abnormal situations that seen on the device during or after cleaning



**DO NOT USE STEAM PRESSURE CLEANING TOOL. STEAM CAN SPREAD TO THE ELECTROLYTE PARTS OF THE DEVICE AND CAUSE**



**DO NOT USE HOT WATER ON COLD GLASS SURFACES. IT MAY CAUSE THE SHATTERING GLASS AND INJURY!**

After cleaning, put the goods back into your device and make sure that the fans, ceiling lights, electrical cables and all other electrical equipment are dry. Turn on the lighting and cooling switch.

### C. Technical service

- Make sure that the ambient temperature and humidity are not apart from the values that are shown. Hence, make sure that the air conditioning, and heating devices are working in the store accurately.
- Make sure that the products do not contact to the direct sunlight.
- Isolate the glass of the market against sunlight.
- Do not point the spotlights directly on the device.
- Do not block the suction grilles in a way that prevents air intake.
- Use the device only for the storage of refrigerated products.
- Make sure the device cools down constantly. Check the fridge twice a day.
- Load the device in accordance with the loading line, do not exceed the upper limit.
- When the device fails, empty the products from the device immediately.
- When the screw falls out and the lamp lights up, replace it immediately.
- Check the automatic defrost periodically.
- Make sure there are no abnormal water condensations. If it comes to that, call the cooling technician immediately.
- Carry out periodic maintenance continuously.

Devices can break down despite all the cleaning and care. When you notice that the device doesn't work, go by instructions below:

- Is the cooling switch open?
- Is everything normal in the fuse box of the radiator assemblies?
- Is there energy?

If the above-mentioned questions' answers are YES, there is a problem with the radiator assemblies or installment. Let the technical service know immediately. Put your goods in your device into another place that will prevent them from deteriorating until the technical service arrives.

**IN CASE OF GAS LEAK AND BURNING:** Do not stand in the room if there is no air flow. Unplug the cooler. **DO NOT USE WATER TO EXTINGUISH FIRE. ONLY USE A FIRE EXTINGUISHER.**



**IN CASE OF GAS LEAK AND BURNING: DO NOT STAND IN THE ROOM IF THERE IS NO AIR FLOW. UNPLUG THE COOLER. DO NOT USE WATER TO EXTINGUISH FIRE. ONLY USE A FIRE**

## 8. Power connection



CHECK THE ELECTRICAL DIAGRAM ON THE PILOT BOX BEFORE MAKING THE ELECTRICAL CONNECTIONS AND MAKE THE CONNECTIONS ACCORDING TO THIS DIAGRAM!

When making the electrical connections, the following details should be examined.

- Automatic switch and main switch that protected against electric currents must be used in the device. The user must know the location of the easily accessible switch in case of emergency.
- The safety of your device can only be provided if a protected wiring system (ground cable) that is laid according to the rules is connected. It is very important to follow this basic safety measure. When in doubt, have the electrical wiring examine by a specialist.
- Maximum voltage change should be  $\pm 6\%$ .
- The thickness of the cable in the energy line should be at least  $2.5 \text{ mm}^2$  and it should be able to handle high current.
- The energy line cable should not be longer than 4-5m, if the cable length increases depending on the situation, the cable section should be increased.
- Do not use extension cable in the electrical connection of the device.
- Make sure that the temperature and humidity are in accordance with the reading in EN23953 and that the climate class is 3 (+ 25 ° C; R.H. 60%) for the cooler to work properly.
- All work related to the electrical connection of the device and other electrical parts should be made by an authorized and qualified person with an electrical certificate.

## 9. Recycling

Each country separates the cabinet's parts according to waste disposal and environmental laws. Hence, each country provides recycling. The parts used in our products generally:

Painted sheet metals: Stiles, shelves, shelf handles, back panel, pans.

Copper-Aluminum: Condenser, evaporator, electrical parts.

Galvanized sheet metals: Bottom panels, painted panels, basic parts, pan.

Polyurethane: Thermal injection.

Thermopane: Glass pieces.

PVC: Handles

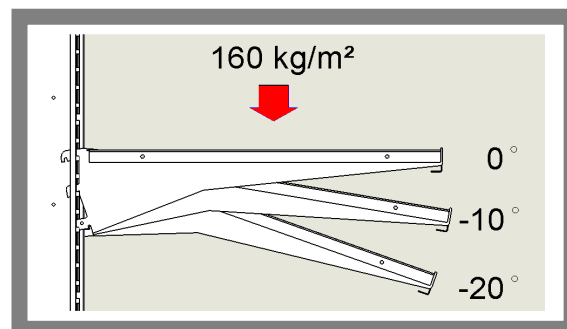
Polystyrene: Thermoform side walls.

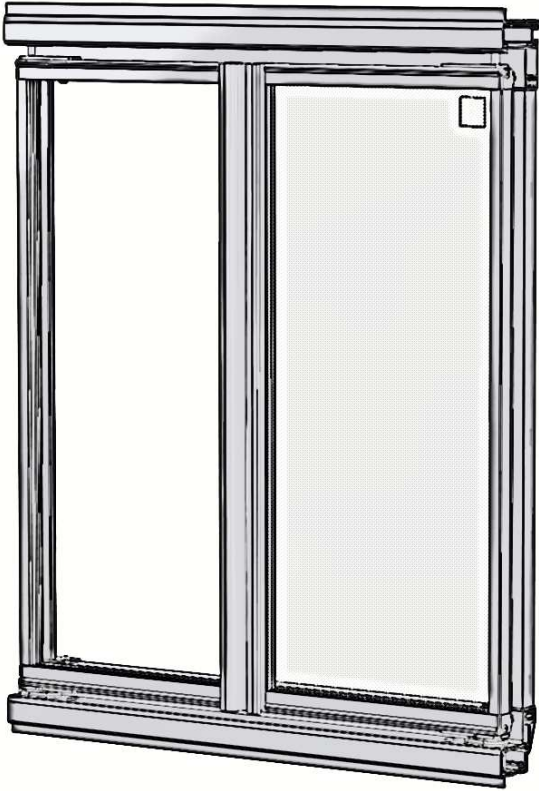
Polycarbonate: Lighting cover.

## 10. Loading Goods

There are important information about the loading below:

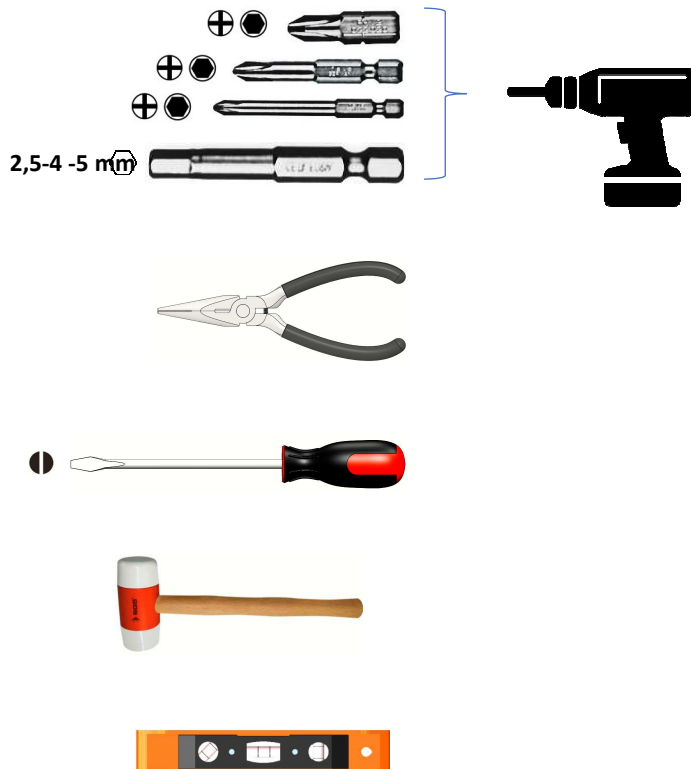
- Place your products on the shelves neatly.
- Do not exceed the loading capacity on pans and shelves. (160 kg / m<sup>2</sup>)
- In the devices with shelves, the shelves can be used at different angles depending on the device type. (0 °, 10 °, 20 °)
- Do not leave space between products loaded on the same shelf in the devices with shelves.
- Leave a minimum of 30mm space for air circulation between the upper shelf and the product in the devices with shelves.
- Do the loading process in accordance with the product consumption rate.
- Do not load products anywhere other than shelves and pans.
- Do not load products that are not allowed to cool down on your device.
- Do not load in a way that prevents the cold air flow. (e.g., front suction zone)



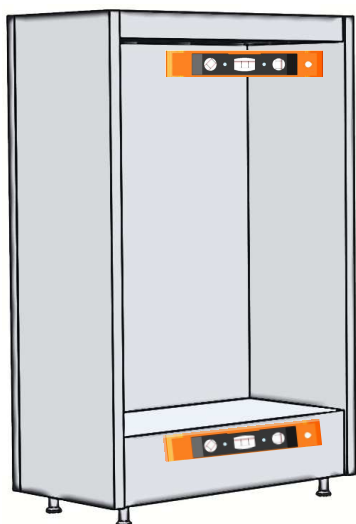


**MONTAGE and**  
**INSTRUCTION OF USE**  
**(Envifit Slim Hinge Door-Gravity)**

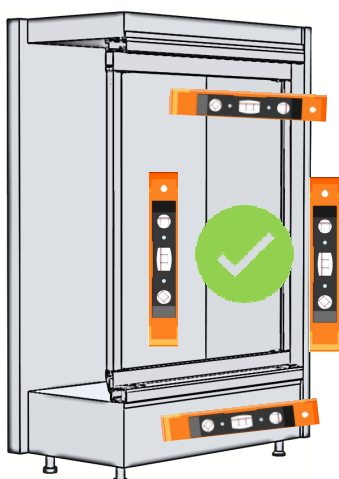
**Required tools**



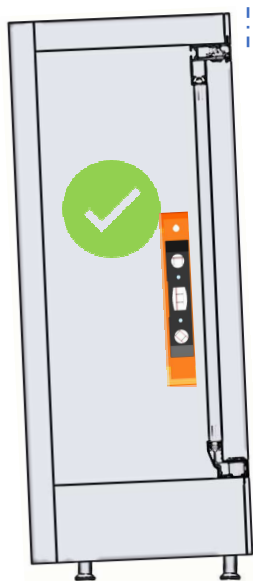
## Adjusting the miter of the cabinet



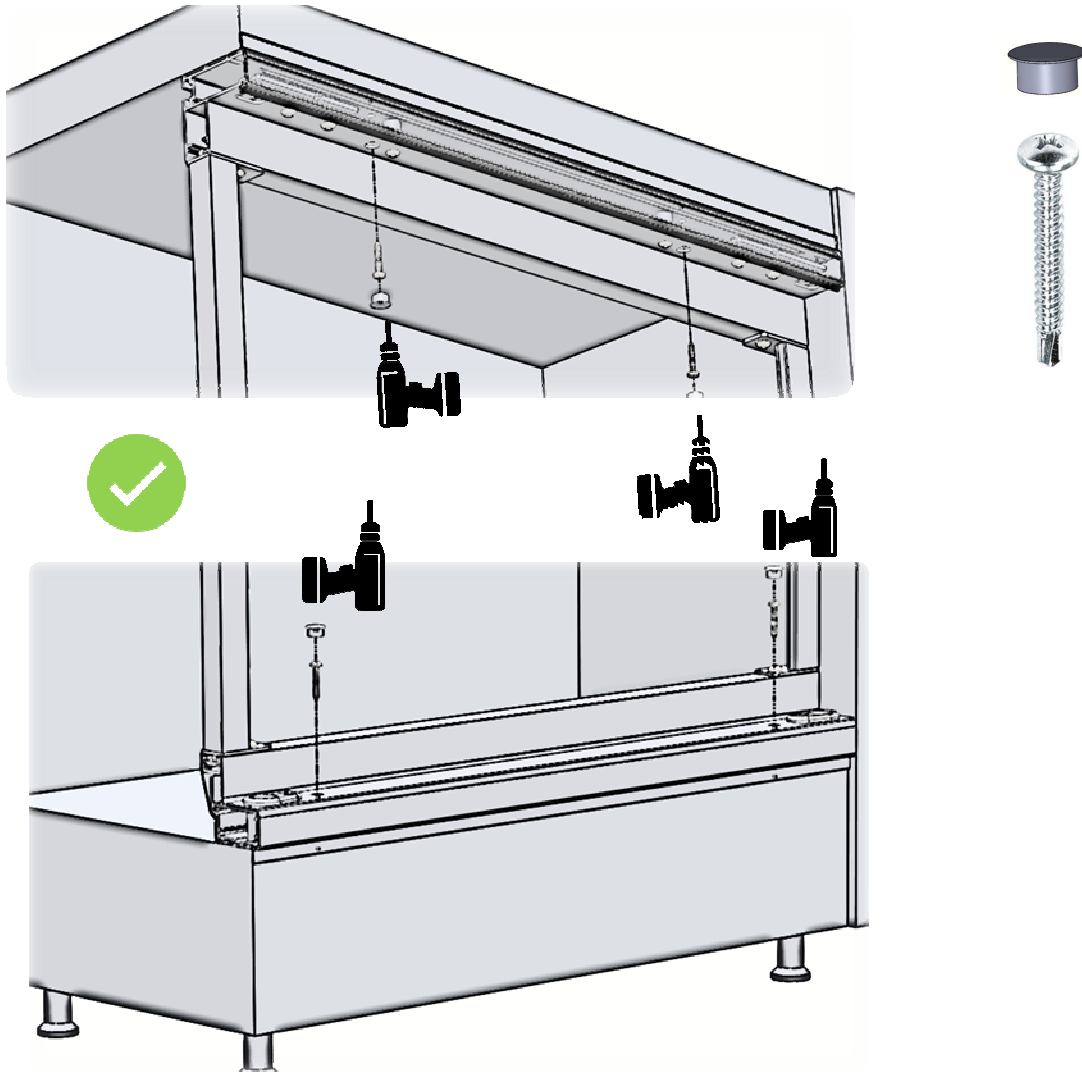
The upper and lower parts of the cabinet must be miter! If not, adjust the cooler legs.



Assemble the cover frame by mitering it with the help of the water gage in the image.



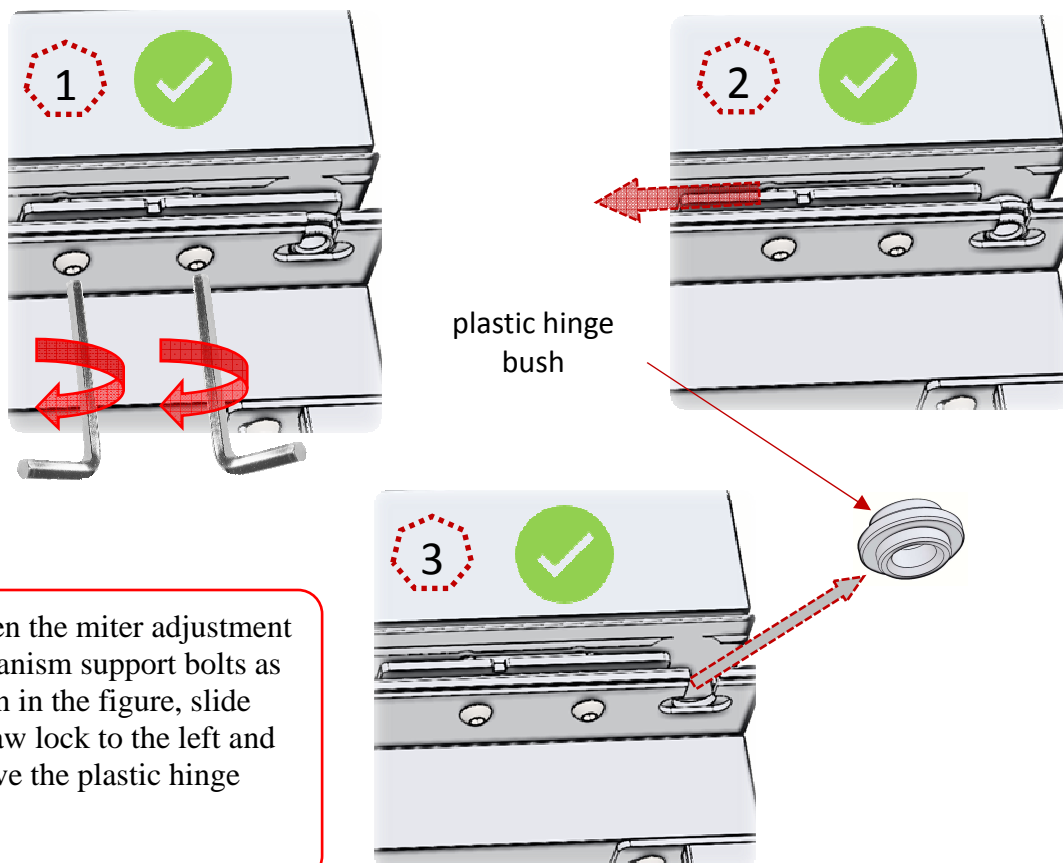
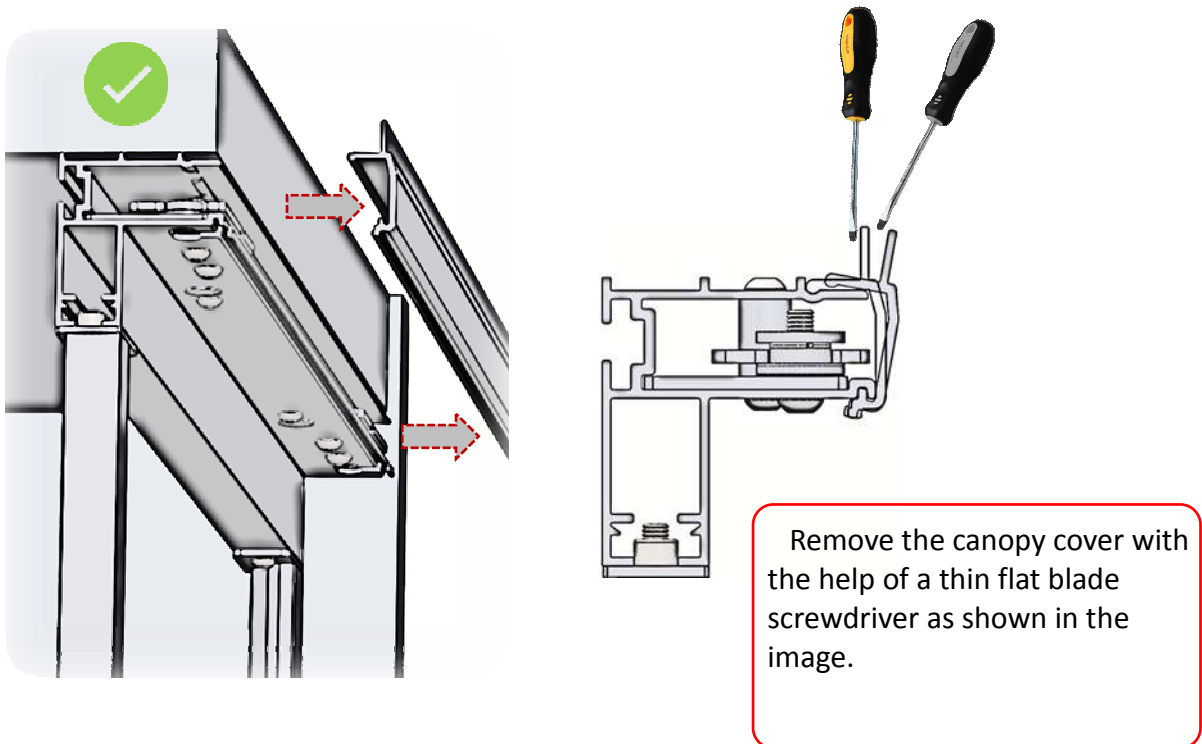
After loading, the doors and the shelves of the cabinet can lean forward because the surface conditions are not smooth. And this situation leads to the doors' incapability to close by themselves! Hence, the cabinet legs should be placed in the backswept position that shown in the image! So, it will create a natural moment that will help the doors close.

**Making the frame assembly**

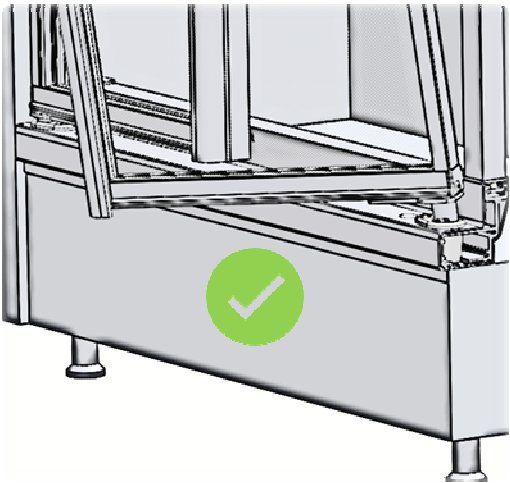
Screw the frame to the cooler as shown. Fit the plastic plugs of the screw holes.



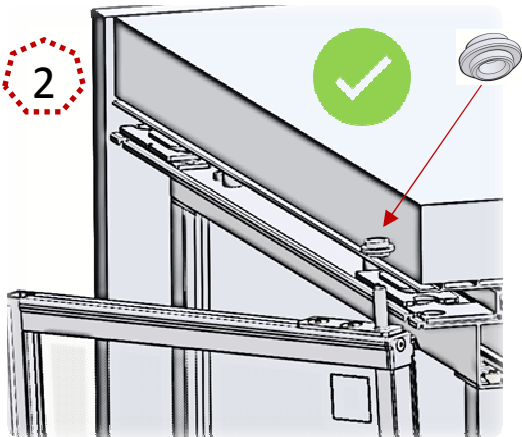
## Making the frame ready for door assembly



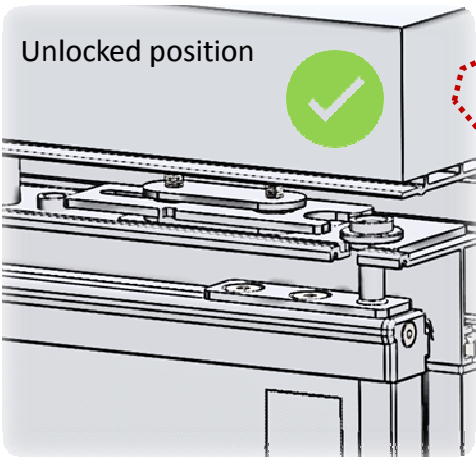
Installing the door



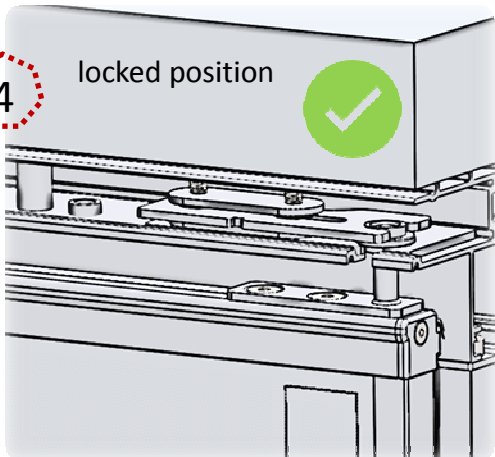
1



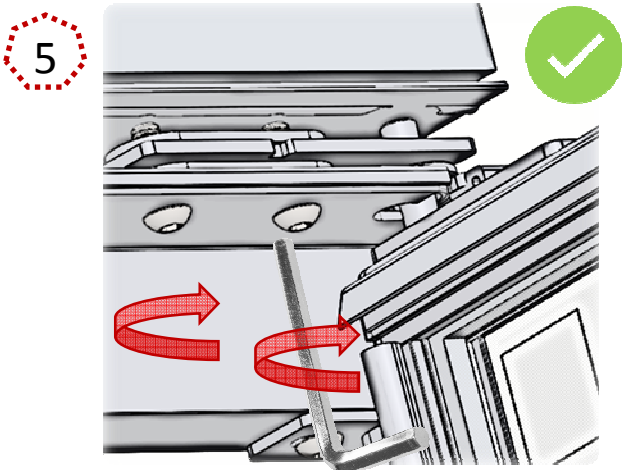
2



3

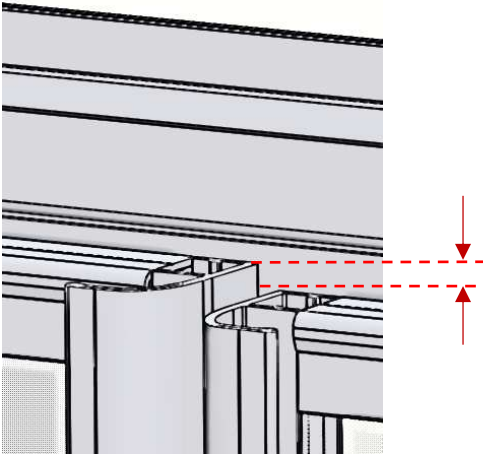
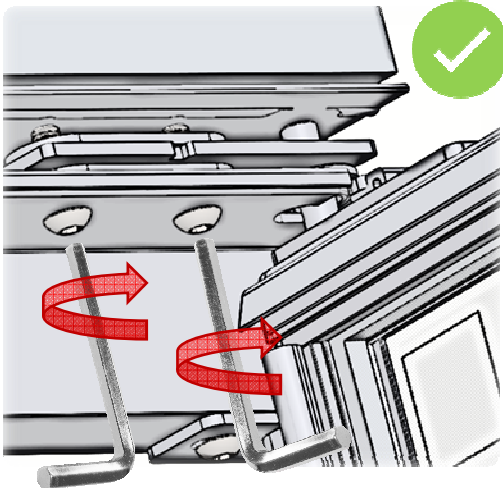


4

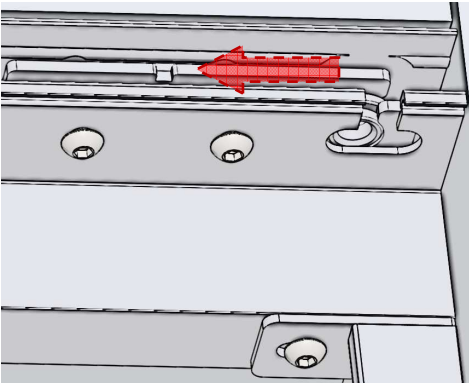


5

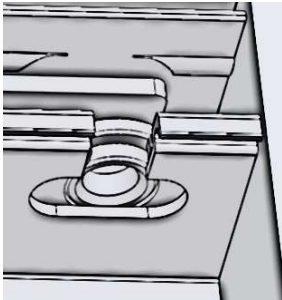
Setting the door miter



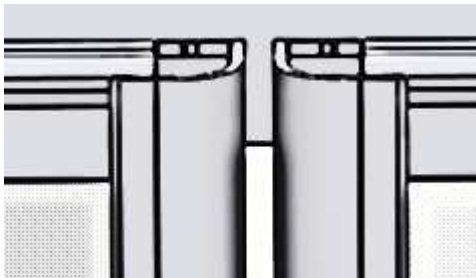
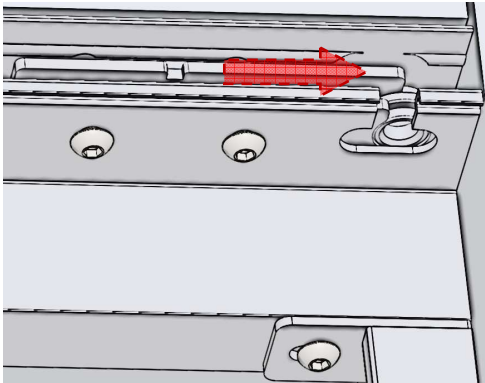
Shifted position to the left



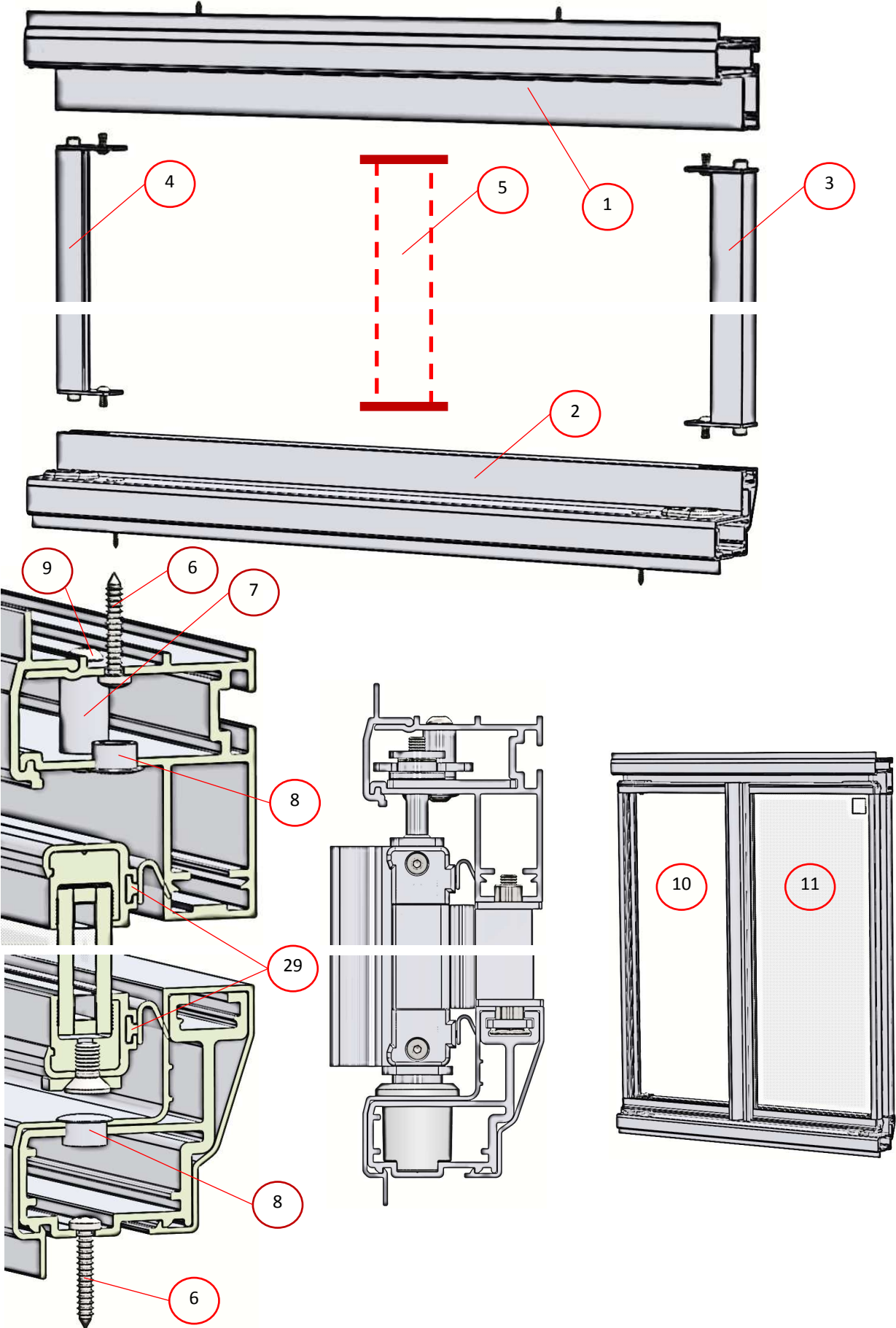
Neutral position



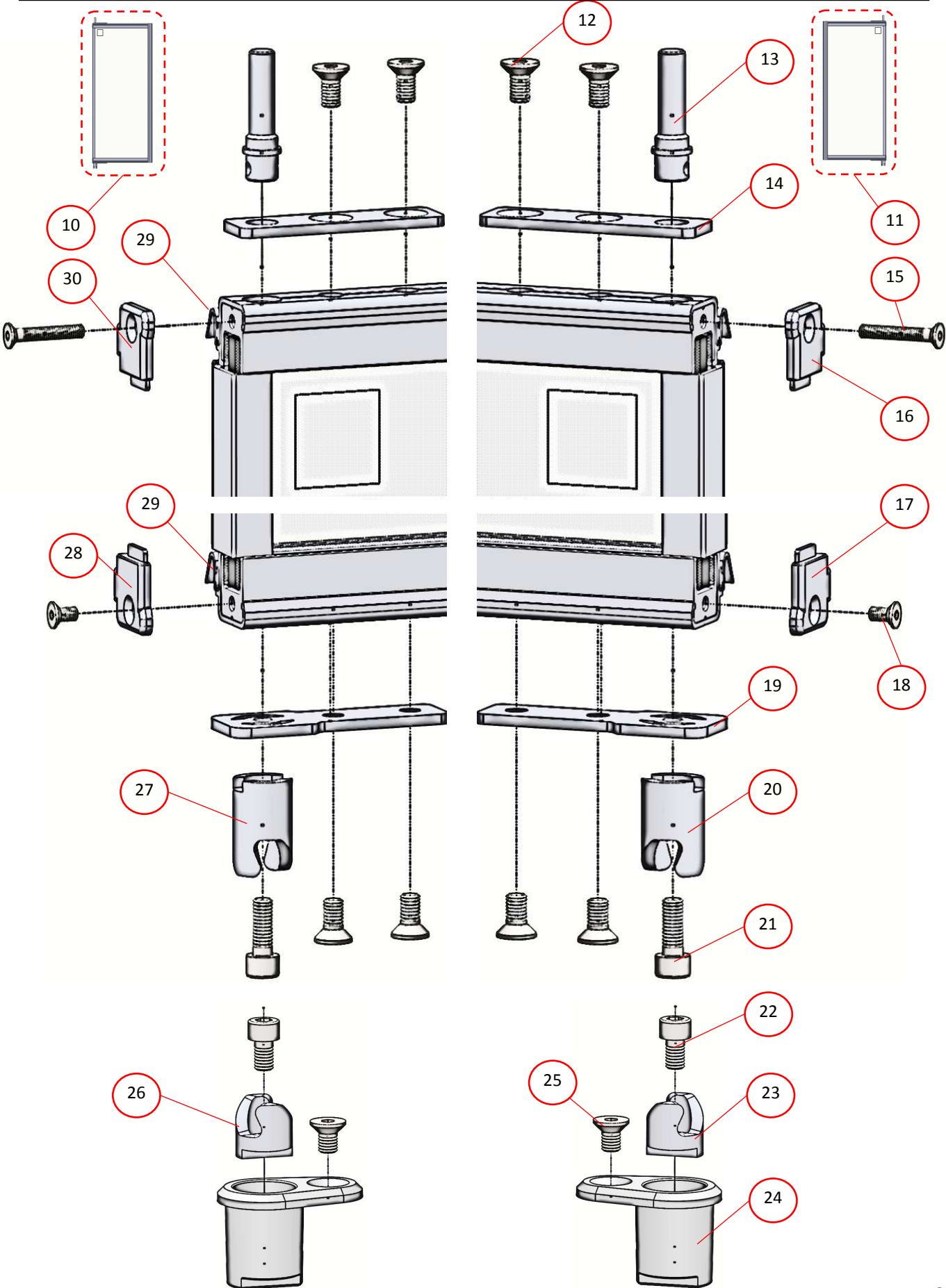
Shifted position to the left



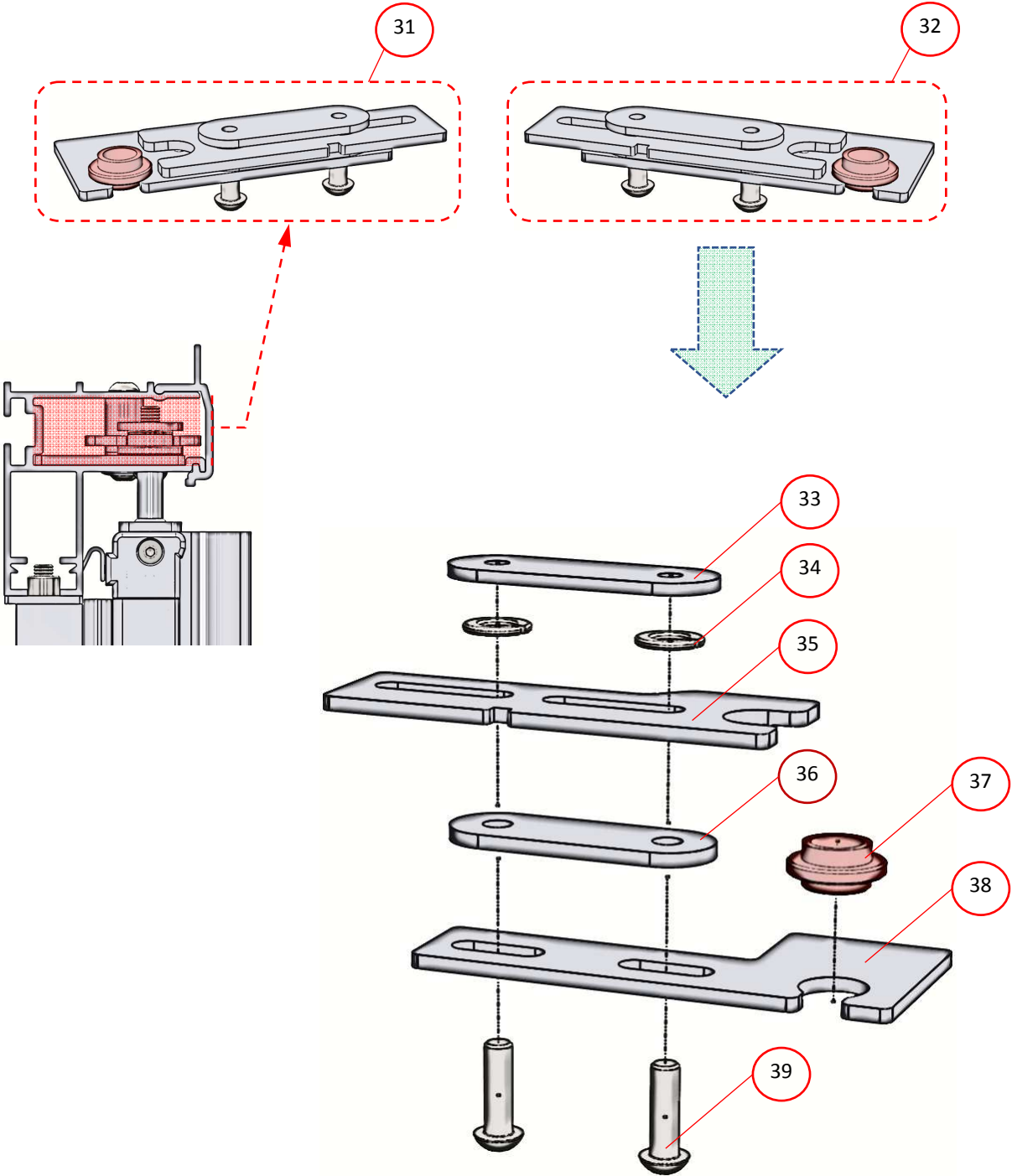
Frame structure



Spare part-exploded drawing



Door miter adjustment mechanism



## 11. Teknik Detaylar

## TECHNICAL DATA SHEET

Climate Class	3 (25 °C 60 %RH)
M Pack Class	M1
Case Temp (°C)	-1 / +2
Supply	220 V 50 Hz

## Technical Details

	1250	1875	2500
Compressor	EMBRACO NT 6226 GK	EMBRACO NJ 9238 GK	2 X EMBRACO NT 6226 GK
Refrigerant	R449	R449	R449
Min. Current Fuse	16 A.	16 A.	25 A.
Actually run power W	1069	1617	2409

## ENERGY EFFICIENCY VALUES

Annual energy consumption	10147,0 kWh/a	18103,5 kWh/a	14089,0 kWh/a
EEL	93,51	97,46	84,2
Energy Efficiency Class	G	G	G

## Expansion Valves

	1250	1875	2500
Thermostatic Valve	TES 2	TES 2	TES 2
Orifice	01	02	2 X 01

## Evaporators

	1250	1875	2500
Cod			
Evaporators	44 38 1/2" 4 DX 07 980 7,5 MM 02 RR	44 38 1/2" 4 DX 07 1605 7,5 MM 02 RR	44 38 1/2" 4 DX 07 2180 7,5 MM 02x2 RR-LL

## Condanser

	1250	1875	2500
Cod			
Condansers	25 22 3 CD 22 520 4,2 RR Horizontal	25 22 3 CD 22 750 4,2 RR Horizontal	25 22 3 CD 22 520 4,2 RR Horizontal - 25 22 3CD 22 520 4,2 LL Hor.

## Electrical Items

## Fan

	1250	1875	2500
Cod			
AKSA AKS 688-20	n x W	2 x 32	3 x 32
Cod	20840103	20840103	20840103
Blade		28° A	Ø200 mm

Condanser	Cod			
	AKSA AKS 688-20	n°x W	2 x 32	2 x 32
			4 x 32	
	Cod		20840103	20840103
	Blade		28° A	Ø200 mm

## Lighting

			1250	1875	2500
LED	Cod		22340218	22340218	22340219
	Alto Pure 4000 K	n°x W	1 x 16	2 x 16	2 x 18
	Cod		22340220	22340220	22340221
	Alto Pure 3000 K	n°x W	1 x 15	2 x 15	2 x 18

## Air Flow Info

Air speed on honeycomb : 1,1 m/s at ambient conditions

## Controls

Thermostat				
Set Point °C	Differential	Sensor	Melt interval Hour	Melt period Minute
-0,5	2	Air OFF	0	0

Alarms	
Alarm Set Point °C	Alarm Delay Time Minute
+15	0

Defrosting					
Dripping time Minute	Fan During Defrost	Type	n°/24	End defrost temperature °C	Maximum defrost duration Minute
0	ON	OFF cycle	8	6	45

TECHNICAL DOCUMENTATION DATA SHEET		CHAPTER REVISION STATUS		
		ORD.	DATE	CHANGE ORDER
PRODUCT		A		
DATE of 1st ISSUE	27.01.2021	B		
ORDER	A.Çalışkan	C		



## TECHNICAL DATA SHEET

Climate Class	3 (25 °C 60 %RH)
M Pack Class	M1
Case Temp (°C)	-1 / +2
Supply	220 V 50 Hz

### Technical Details

	1250	1875	2500
Compressor	EMBRACO NEU 6212 GK	EMBRACO NT 6220 GK	EMBRACO NT 6226 GK
Refrigerant	R449A	R449A	R449A
Min. Current Fuse	16 A.	16 A.	16 A.
Actually run power W	586	1005	1166

### ENERGY EFFICIENCY VALUES

Annual energy consumption	4816,0 kWh/a	5650,0 kWh/a	7687,0 kWh/a
EEl	50,72	38,64	45,54
Energy Efficiency Class	E	D	D

### Expansion Valves

	1250	1875	2500
Thermostatic Valve	TES 2	TES 2	TES 2
Orifice	01	01	01

### Evaporators

	1250	1875	2500
Cod			
Evaporators	44 38 1/2" 4 DX 04 980 7,5 MM 02 RR	44 38 1/2" 4 DX 04 1605 7,5 MM 02 RR	44 38 1/2" 4 DX 04 2230 7,5 MM 02 RR

### Condanser

	1250	1875	2500
Cod			
Condansers	25 22 3 CD 14 340 4,2 RR YATIK Horizontal	25 22 3 CD 14 520 4,2 RR Horizontal	25 22 3 CD 22 520 4,2 RR Horizontal

### Electrical Items

#### Fan

	1250	1875	2500
Evaporator			
Cod			
AKSA AKS 688-20	n°x W		
	1 x 32	2 x 32	2 x 32
Cod	20840103	20840103	20840103
Blade		28° A	Ø200 mm

Condenser	Cod			
	AKSA AKS 688-20	n°x W	1 x 32	2 x 32
	Cod		20840103	20840103
Blade			28° A	Ø200 mm

## Lighting

LED			1250	1875	2500
	Cod		22340218	22340218	22340219
	Alto Pure 4000 K	n°x W	1 x 16	2 x 16	2 x 18
	Cod		22340220	22340220	22340221
Alto Pure 3000 K	n°x W	1 x 15	2 x 15	2 x 18	

## Air Flow Info

Air speed on honeycomb : 0,9 m/s at ambient conditions

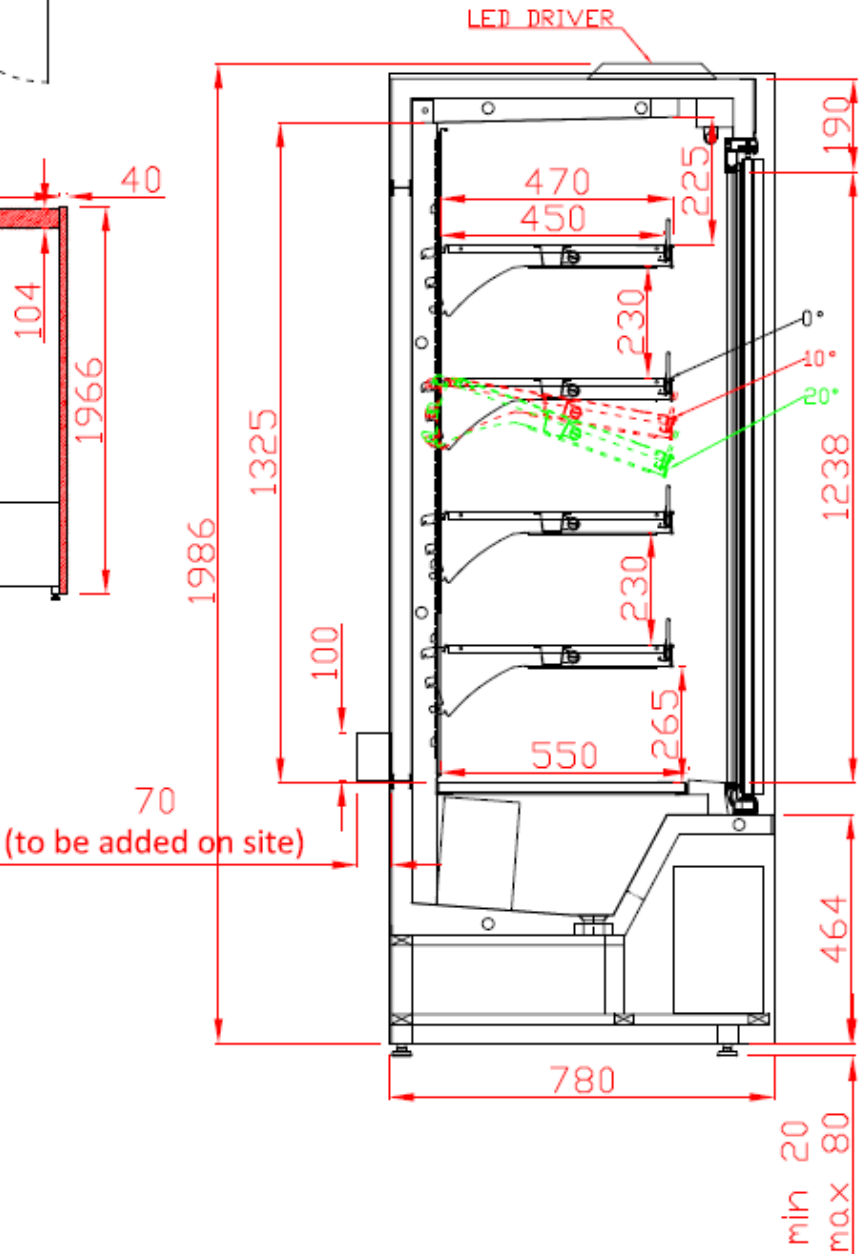
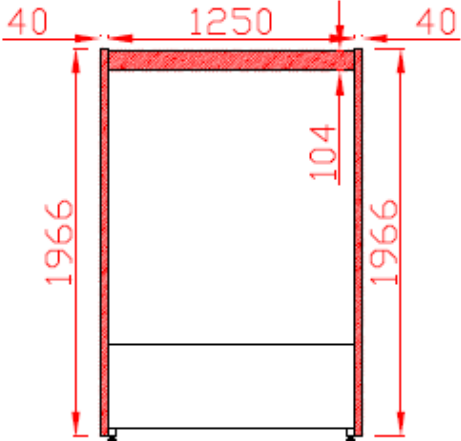
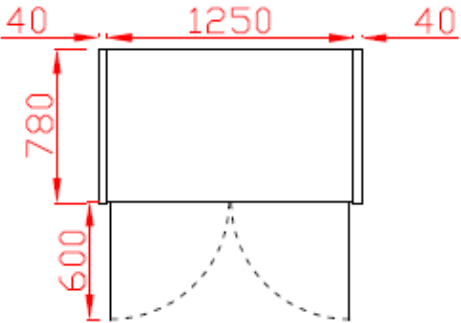
## Controls

Thermostat				
Set Point °C	Differential	Sensor	Melt interval Hour	Melt period Minute
-0,5	2	Air Off	0	0

Alarms	
Alarm Set Point °C	Alarm Delay Time Minute
+15	0

Defrosting					
Dripping time Minute	Fan During Defrost	Type	n°/24	End defrost temperature °C	Maximum defrost duration Minute
0	ON	Off cycle	8	6	45

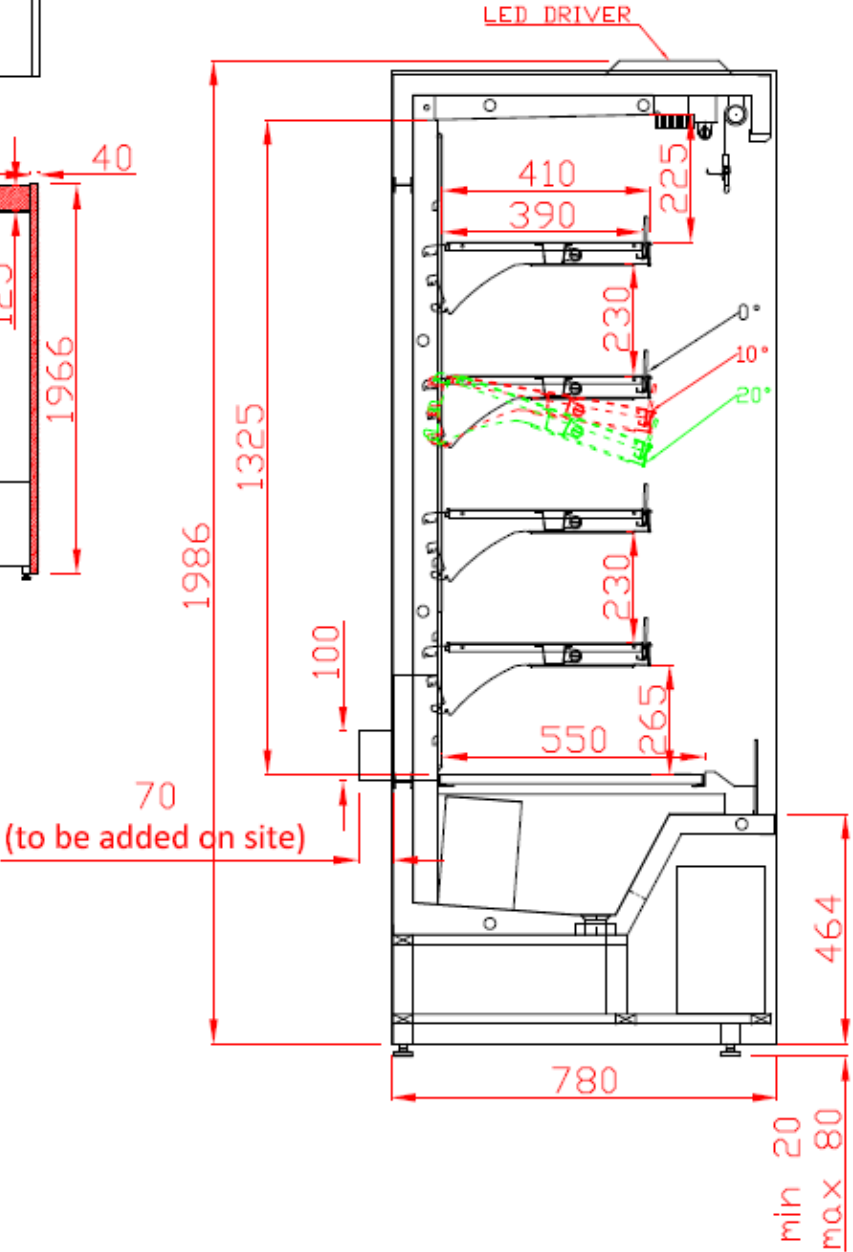
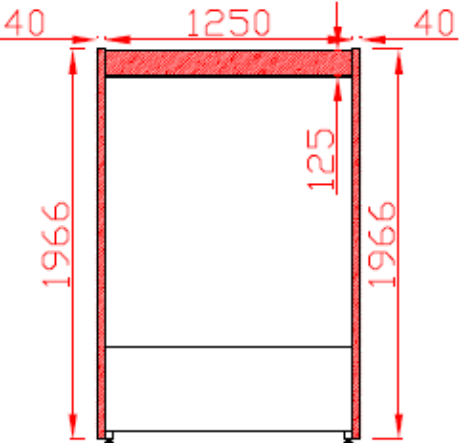
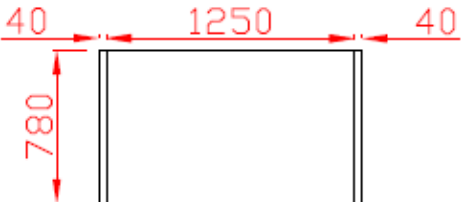
TECHNICAL DOCUMENTATION DATA SHEET		CHAPTER REVISION STATUS		
		ORD.	DATE	CHANGE ORDER
PRODUCT		A		
DATE of 1st ISSUE	27.01.2021	B		
ORDER	A.Çalışkan	C		



Firmamız ödenmiş deneyleri haber vermesizden değıştirme haklarına sahiptir.  
Any technical features may be modified without notice.

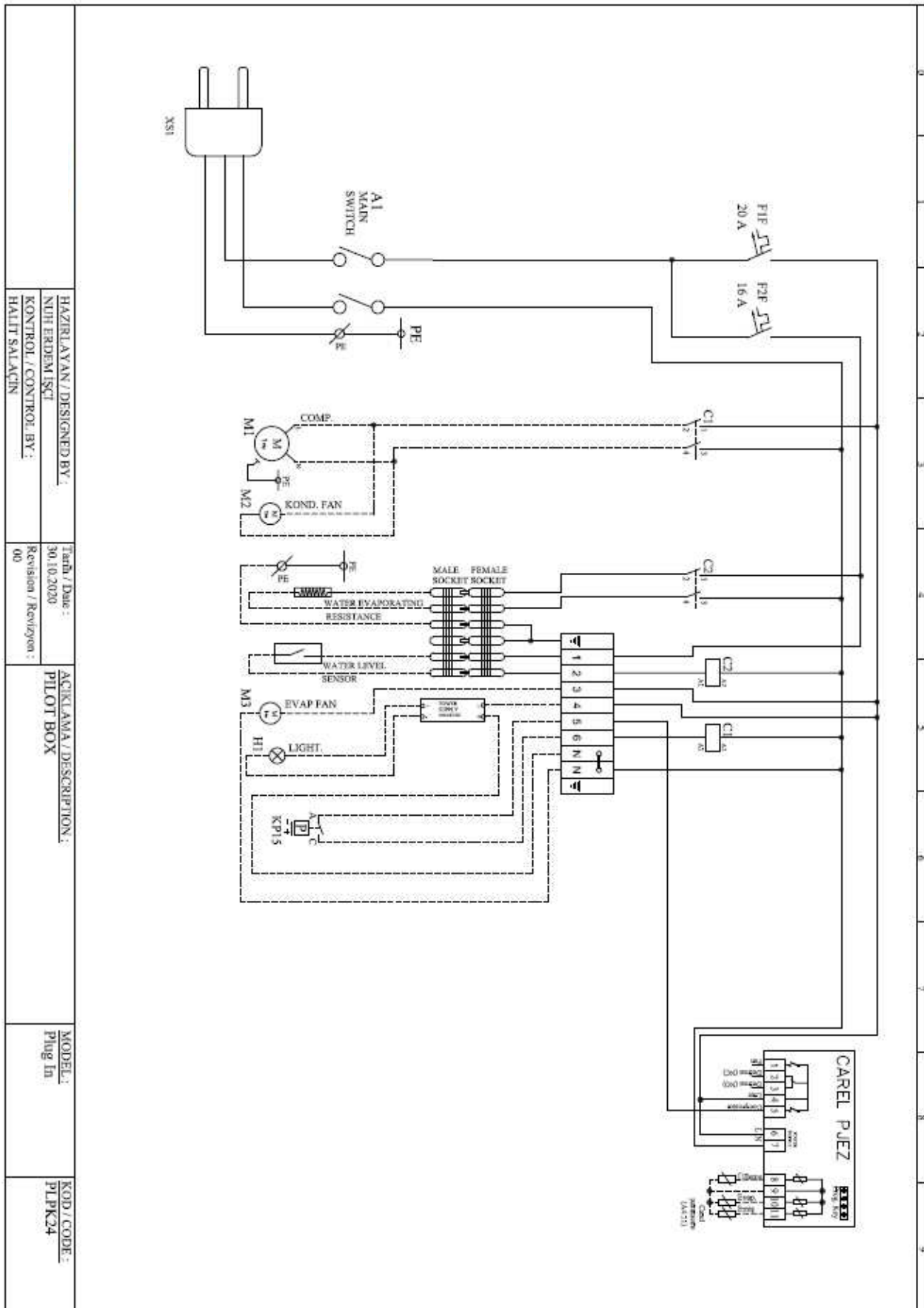
min 20  
max 80

01 / 2021



Firmamız teknik detayları haber vermeseksizin değıştirme hakkına sahiptir.  
Any technical features may be modified without notice.

01 / 2021



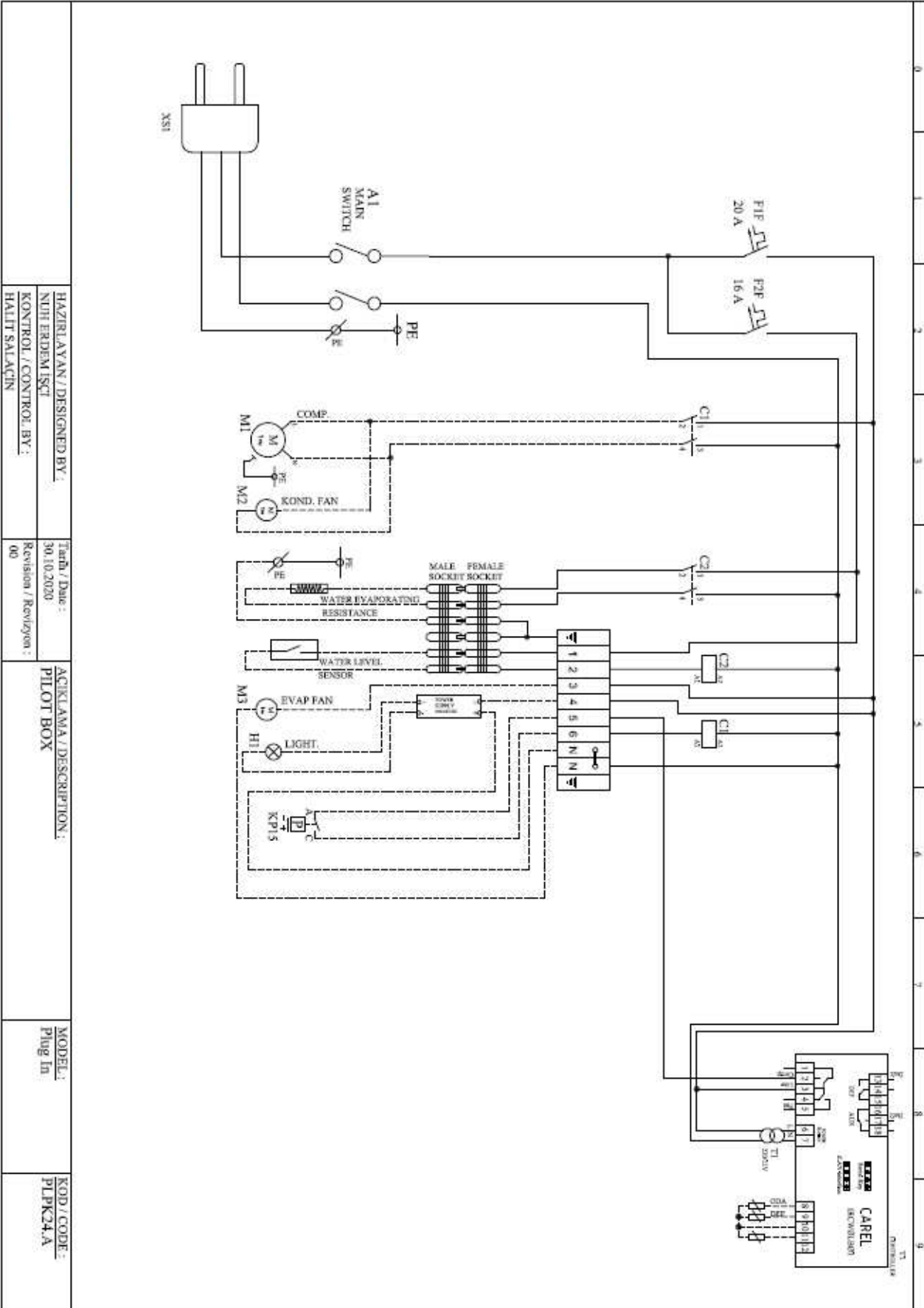
HAZIRLAYAN / DESIGNED BY :  
 NUR ERDEM IŞCI  
 KONTROL / CONTROL BY :  
 HALİT SALAÇIN

Tarih / Date :  
 30.10.2020  
 Revision / Revizyon :  
 00

AÇIKLAMA / DESCRIPTION :  
 PILOT BOX

MODEL :  
 Plug In

KOD / CODE :  
 PLPK24



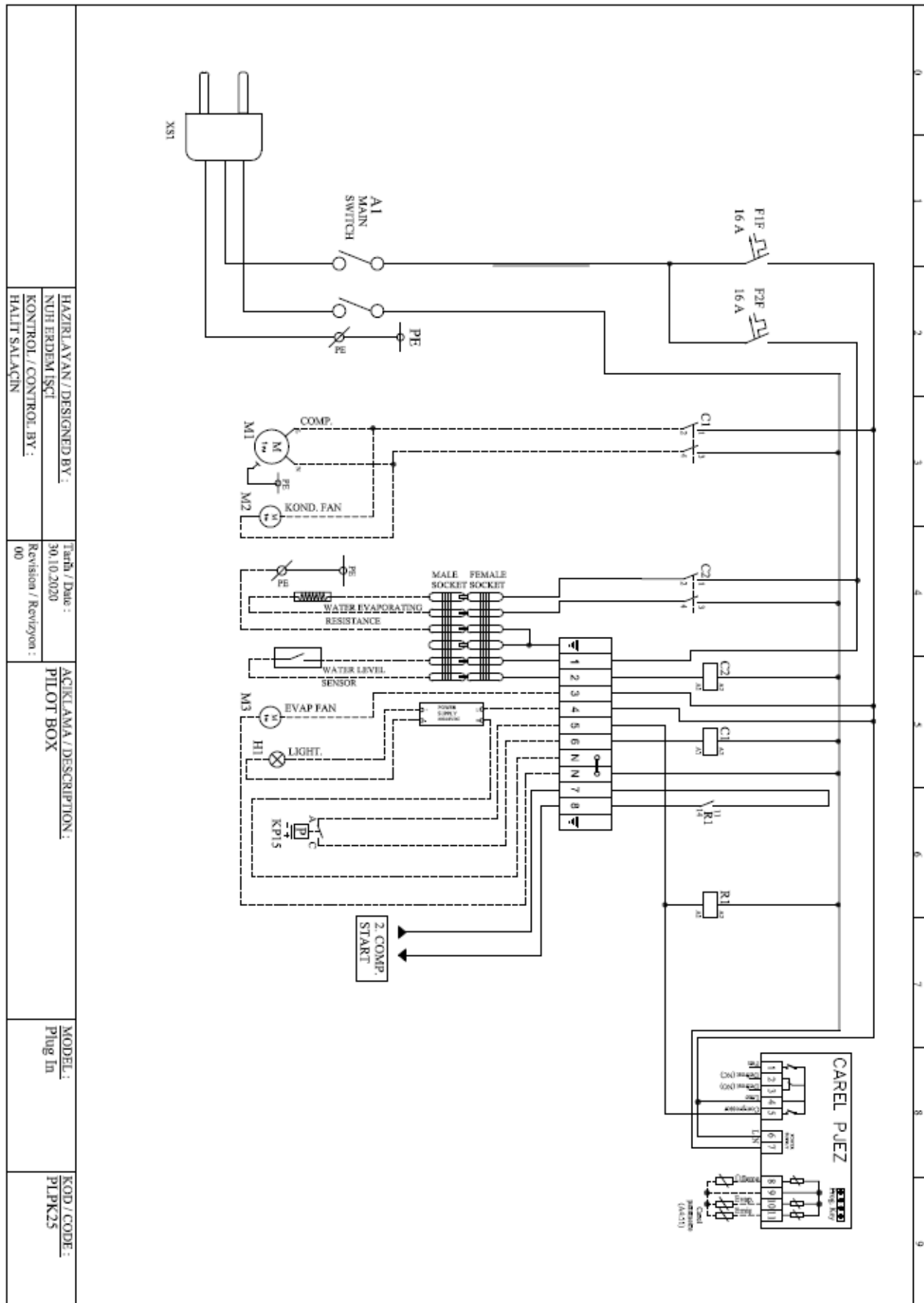
HAZIRLAYAN / DESIGNED BY :  
 NUR ERDEM İSÇİ  
 KONTROL / CONTROL BY :  
 HALİT SALAÇIN

Tarih / Date :  
 30.10.2020  
 Revision / Revizyon :  
 00

AÇIKLAMA / DESCRIPTION :  
 PLOT BOX

MODEL :  
 Plug In

KOD / CODE :  
 PLPK24A



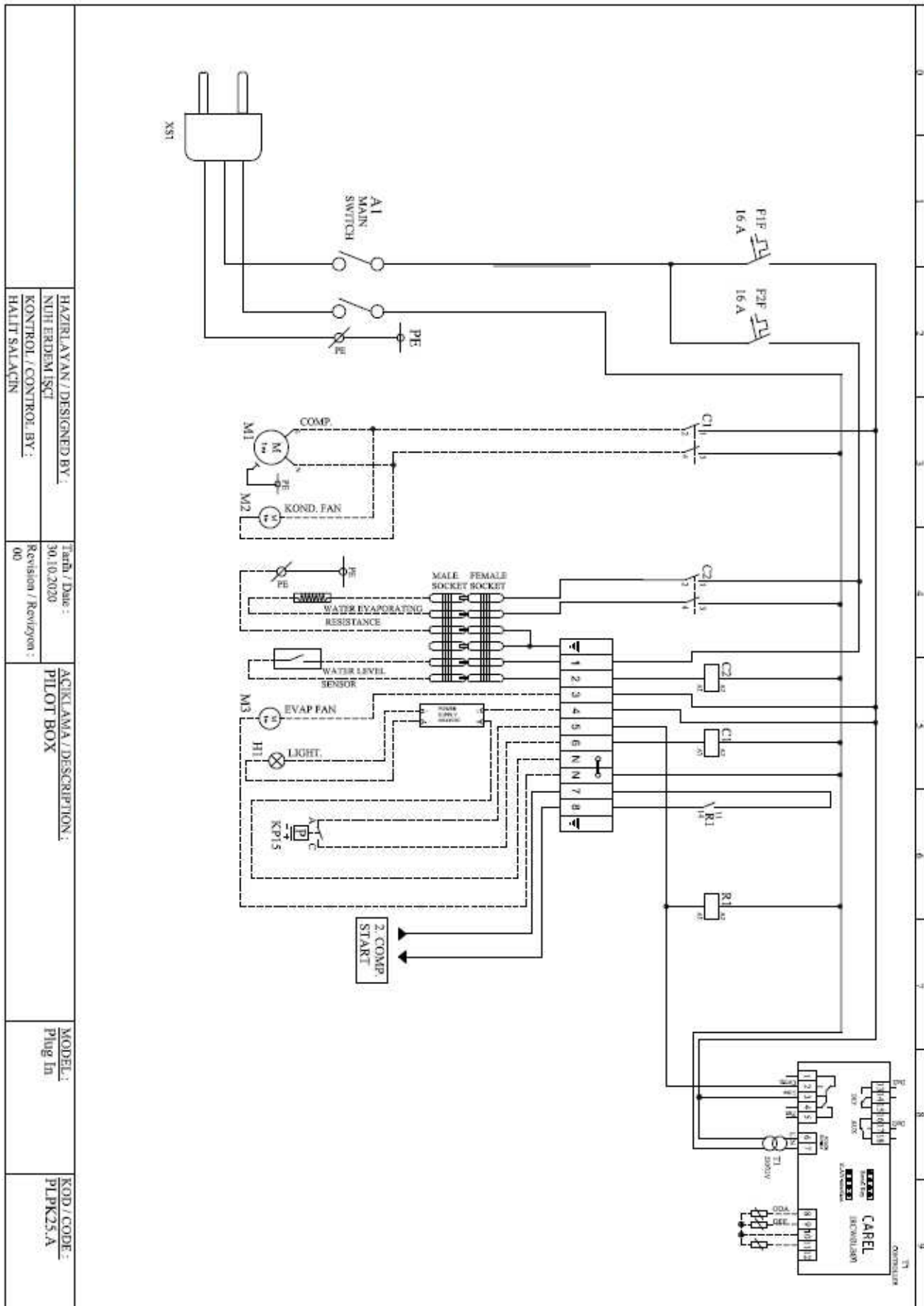
HAZIRLAYAN / DESIGNED BY :  
 NUH ERDEM İŞÇİ  
 KONTROL / CONTROL BY :  
 HALİT SALAÇIN

Tarih / Date :  
 30.10.2020  
 Revision / Revizyon :  
 00

AÇIKLAMA / DESCRIPTION:  
 PILOT BOX

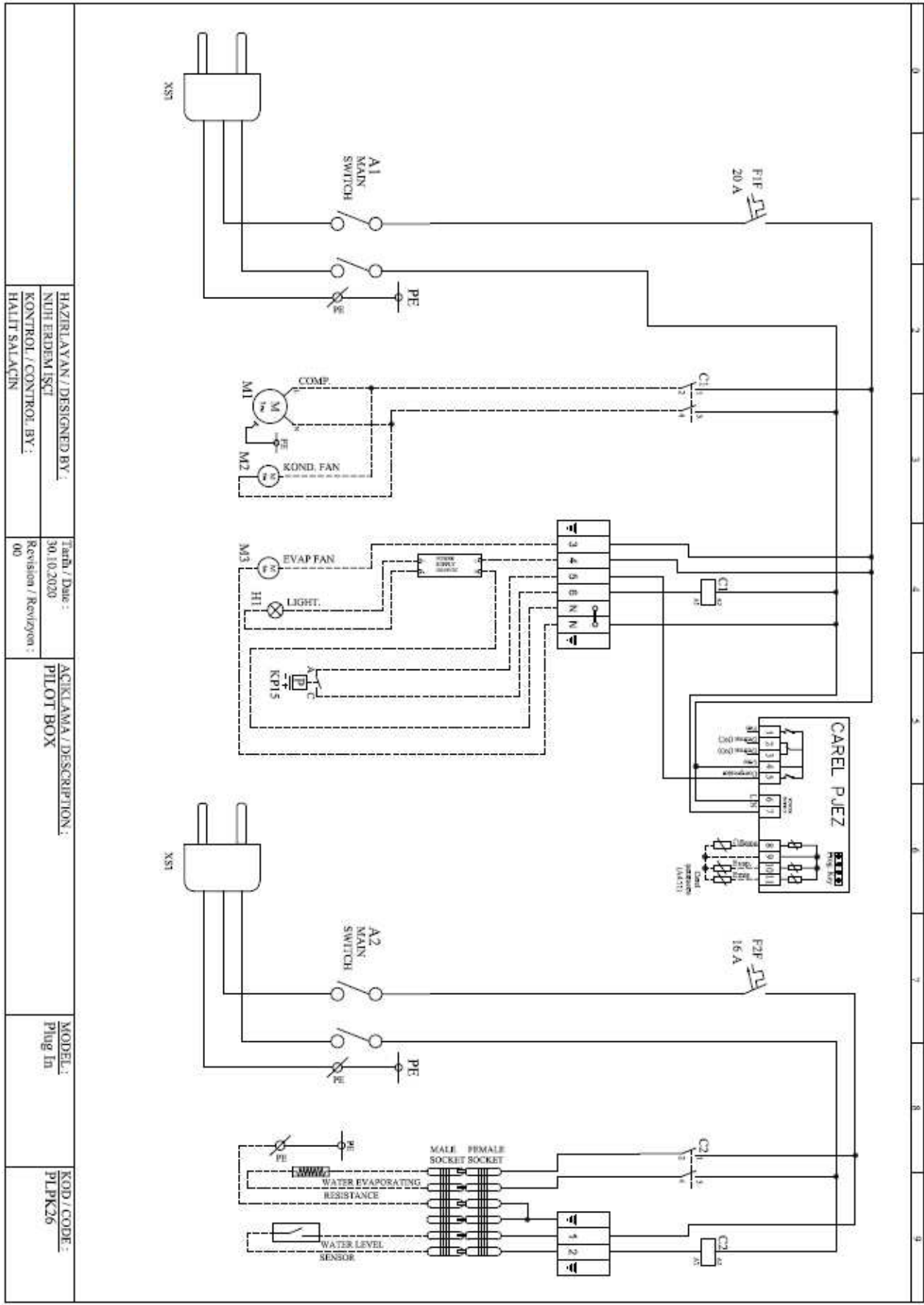
MODEL:  
 Plug In

KOD / CODE:  
 PLPK25

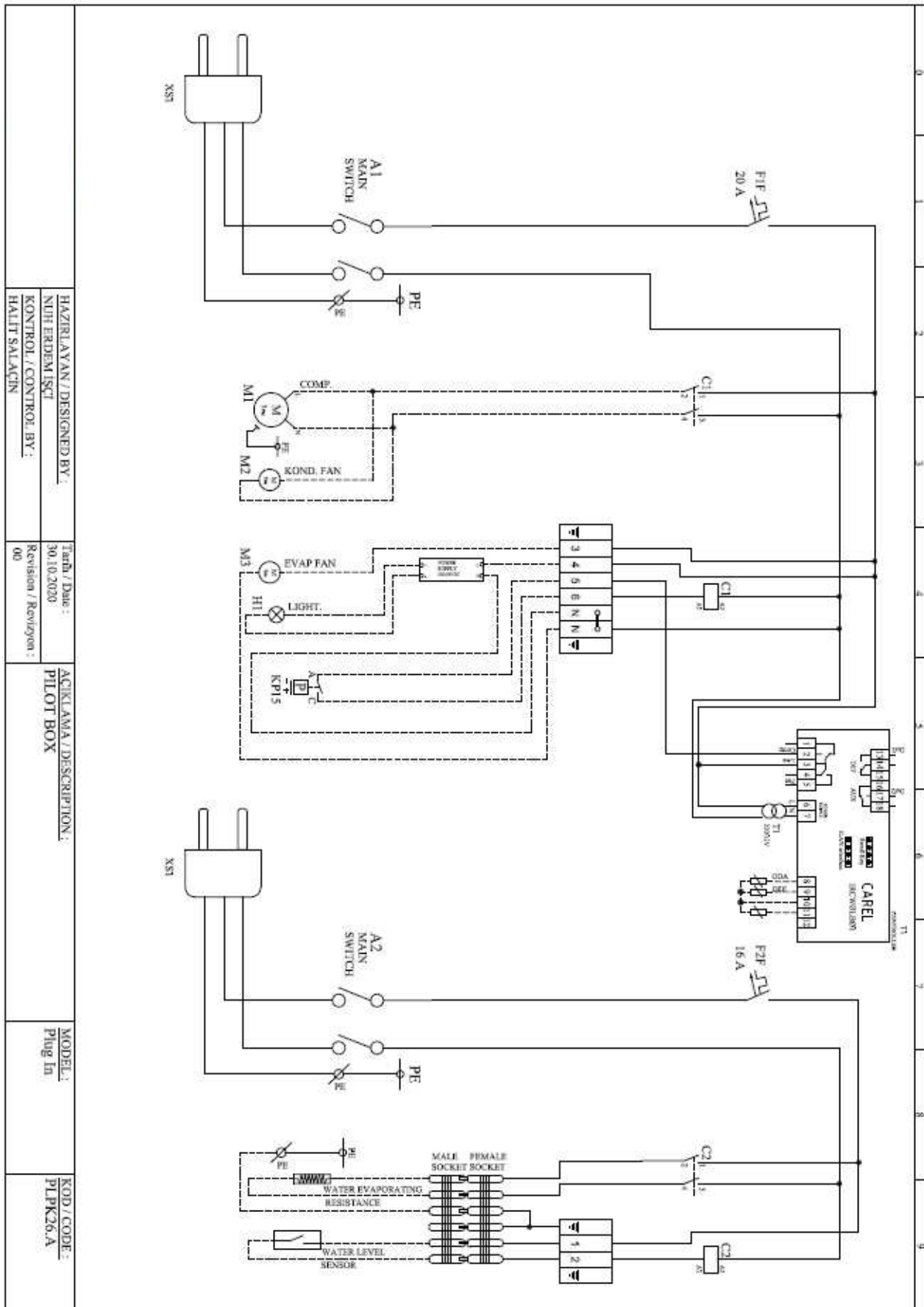


HAZIRLAYAN / DESIGNED BY : NUR ERDEM İSÇİ	Tarih / Date : 30.10.2020	ACIKLAMA / DESCRIPTION : PILOT BOX	MODEL : Plug In	KOD / CODE : PLPK25.A
KONTROL / CONTROL BY : HALİT SALAÇIN	Revision / Revizyon : 00			





HAZIRLAYAN / DESIGNED BY : NUR ERDEM IŞCI	Tarih / Date : 30.10.2020	AÇIKLAMA / DESCRIPTION : PILOT BOX	MODEL : Plug In	KOD / CODE : PLPK26
KONTROL / CONTROL BY : HALIT SALAÇIN	Revision / Revision : 00			



HAZIRLAYAN / DESIGNED BY :  
 NUR ERDEM İŞÇİ  
 KONTROL / CONTROL BY :  
 HALİT SALAÇIN

Tarih / Date :  
 30.10.2020  
 Revision / Revizyon :  
 00

AÇIKLAMA / DESCRIPTION :  
 PLOT BOX

MODEL :  
 Plug In

KOD / CODE :  
 PLPK26.A

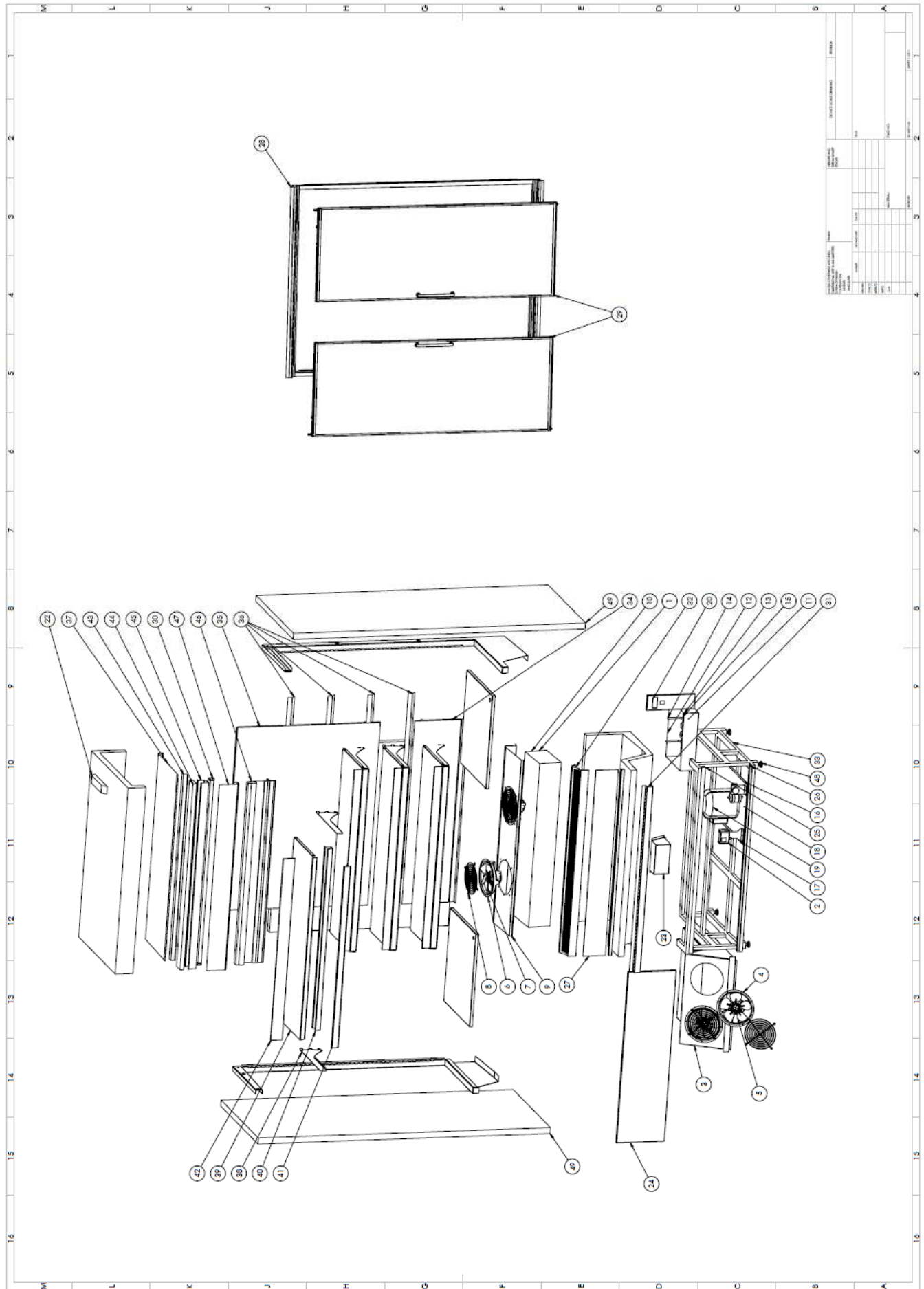
## TEFCOLD EXPRESS SPARE PARTS LIST

POS.	CODE	DESCRIPTION	GLASS DOOR (GD)			OPEN FRONT (OF)			UNIT
			1250	1875	2500	1250	1875	2500	
1	497202021	EVAPORATOR GD CASE 1250	1	-	-	-	-	-	PCS
	497203021	EVAPORATOR GD CASE 1875	-	1	-	-	-	-	PCS
	497204021	EVAPORATOR GD CASE 2500	-	-	1	-	-	-	PCS
	497202022	EVAPORATOR OF CASE 1250	-	-	-	1	-	-	PCS
	497203022	EVAPORATOR OF CASE 1875	-	-	-	-	1	-	PCS
	497204022	EVAPORATOR OF CASE 2500	-	-	-	-	-	1	PCS
2	20301025	TE2 THERM.EXP.VALF (R448A/R449A)DANFOSS	1	1	1	1	1	2	PCS
	20301006	ORIFICE DANFOSS NO:01 - 068-2021	1	1	1	1	-	2	PCS
	20301007	ORIFICE DANFOSS NO:02 - 068-2022	-	-	-	-	1	-	PCS
	21406010	SIGHT GLASS 3/8"	1	1	1	1	1	2	PCS
	20203019	DRAYER 3/8" DANFOSS DCL 053S	1	1	1	1	1	2	PCS
	20403001	PRESSURE SWITCH DANFOSS KP15	1	1	1	1	1	2	PCS
3	498000005	CONDENSER GD CASE 1250	1	-	-	-	-	-	PCS
	498000006	CONDENSER GD CASE 1875	-	1	-	-	-	-	PCS
	498000007	CONDENSER GD CASE 2500/OF CASE 1250/OF CASE 2500	-	-	1	1	-	2	PCS
	498000008	CONDENSER OF CASE 1875	-	-	-	-	1	-	PCS
4	21102004	CONDENSER FAN MOTOR	1	2	2	2	2	4	PCS
5	21105008	CONDENSER FAN BLADE D:200 A28°	1	2	2	2	2	4	PCS
6	21102004	EVAPORATOR FAN MOTOR	1	2	2	2	3	4	PCS
7	21105008	EVAPORATOR FAN BLADE D:200 A28°	1	2	2	2	3	4	PCS
8	21106009	FAN CONNECTION PLASTIC PART	8	16	16	16	20	32	PCS
9	302302059	EVAPORATOR FAN BUFFLE GD CASE 1250	1	-	-	-	-	-	PCS
	302303060	EVAPORATOR FAN BUFFLE GD CASE 1875	-	1	-	-	-	-	PCS
	302304060	EVAPORATOR FAN BUFFLE GD CASE 2500	-	-	1	-	-	-	PCS
	302302060	EVAPORATOR FAN BUFFLE OF CASE 1250	-	-	-	1	-	-	PCS
	302303061	EVAPORATOR FAN BUFFLE OF CASE 1875	-	-	-	-	1	-	PCS
	302304062	EVAPORATOR FAN BUFFLE OF CASE 2500	-	-	-	-	-	1	PCS
10	402300270	HOT GAS DISCHARGE COIL	-	-	-	1	1	1	PCS
11	23808449	SS DRIP TRAY OF CASE HOT GAS DISCHARGE COIL	-	-	-	1	1	1	PCS
12	23808442	SS DRIP TRAY GD CASE	1	1	1	-	-	-	PCS
	23808443	SS DRIP TRAY OF CASE	-	-	-	1	1	1	PCS
13	23808444	SS DRIP TRAY COVER	1	1	1	1	1	1	PCS
14	22703008	DRIP TRAY HEATER 1100 W	1	1	1	1	1	1	PCS
15	29999266	DRIP TRAY LEVEL SENSOR	1	1	1	1	1	1	PCS
16	302300084	DRIP TRAY CONNECTION SHEET FRONT RH	1	1	1	1	1	1	PCS
17	302300089	DRIP TRAY CONNECTION SHEET FRONT LH						1	PCS
18	302300085	DRIP TRAY CONNECTION SHEET FOR OF CASE				1	1	2	PCS
	302300088	DRIP TRAY CONNECTION SHEET FOR GD CASE	1	1	1				PCS

19	20101052	EMBRACO NEU 6212 GK	1	-	-	-	-	-	PCS
	20102101	EMBRACO NT 6220 GK	-	1	-	-	-	-	PCS
	20101038	EMBRACO NT 6226 GK	-	-	1	1	-	2	PCS
	20101048	EMBRACO NJ 9238 GK	-	-	-	-	1	-	PCS
20	20503030	CONTROLLER CAREL PJEZC00000	1	1	1	1	1	1	PCS
21	20502008	CONTROLLER SENSOR NTC030HP00 3MT	2	2	2	2	2	2	PCS
22	22601020	LED DRIVER 150 W - 24V	1	1	1	1	1	1	PCS
23	302300018	ELECTRICAL BOX STANDART	1	1	1	1	-	-	PCS
	302300075	ELECTRICAL BOX OF CASE 1875	-	-	-	-	1	-	PCS
	302300076	ELECTRICAL BOX OF CASE 2500	-	-	-	-	-	1	PCS
24	402302273	LOWER DECOR 1250 CASE	1	-	-	1	-	1	PCS
	402303273	LOWER DECOR 1875 CASE	-	1	-	-	1	-	PCS
	402304283	LOWER DECOR 2500 GD CASE	-	-	1	-	-	-	PCS
	402302283	LOWER DECOR LEFT 1250 FOR 2500 OF CASE	-	-	-	-	-	1	PCS
25	402302269	LOWER DECOR TOP CHANNEL PROFILE 1250	1	-	-	1	-	-	PCS
	402303269	LOWER DECOR TOP CHANNEL PROFILE 1875	-	1	-	-	1	-	PCS
	402304269	LOWER DECOR TOP CHANNEL PROFILE 2500	-	-	1	-	-	1	PCS
26	402302270	LOWER DECOR BOTTOM CHANNEL PROFILE 1250	1	-	-	1	-	-	PCS
	402303270	LOWER DECOR BOTTOM CHANNEL PROFILE 1875	-	1	-	-	1	-	PCS
	402304270	LOWER DECOR BOTTOM CHANNEL PROFILE 2500	-	-	1	-	-	1	PCS
27	23205060	FRONT GLASS 1250	-	-	-	1	-	-	PCS
	23205035	FRONT GLASS 1875	-	-	-	-	1	-	PCS
	23205036	FRONT GLASS 2500	-	-	-	-	-	1	PCS
28	24004140	GLASS DOOR FRAME 1250	1	-	-	-	-	-	PCS
	24004141	GLASS DOOR FRAME 1875	-	1	-	-	-	-	PCS
	24004142	GLASS DOOR FRAME 2500	-	-	1	-	-	-	PCS
29	24004143	GLASS DOOR 625 MM RH	1	1	2	-	-	-	PCS
	24004144	GLASS DOOR 625 MM LH	1	2	2	-	-	-	PCS
30	22613050	FRAME LED LIGHTING 4000 K , 1155 MM , 12 W	2	4	4	-	-	-	PCS
	22613013	CANOPY LED LIGHTING 4000K , 1200 MM , 20 W	1	-	2	1	-	2	PCS
	22613049	CANOPY LED LIGHTING 4000K , 1800 MM , 25 W	-	1	-	-	1	-	PCS
31	302302295	FRONT SS BUMBER PART GD CASE 1250	1	-	-	-	-	-	PCS
	302303295	FRONT SS BUMBER PART GD CASE 1875	-	1	-	-	-	-	PCS
	302304295	FRONT SS BUMBER PART GD CASE 2500	-	-	1	-	-	-	PCS
	302302296	FRONT SS BUMBER PART OF CASE 1250	-	-	-	1	-	-	PCS
	302303296	FRONT SS BUMBER PART OF CASE 1875	-	-	-	-	1	-	PCS
	302304296	FRONT SS BUMBER PART OF CASE 2500	-	-	-	-	-	1	PCS
32	302302256	SUCTION GRILL GD CASE 1250	1	-	-	-	-	-	PCS
	302303256	SUCTION GRILL GD CASE 1875	-	1	-	-	-	-	PCS
	302304256	SUCTION GRILL GD CASE 2500	-	-	1	-	-	-	PCS
	302302294	SUCTION GRILL OF CASE 1250	-	-	-	1	-	-	PCS
	302303294	SUCTION GRILL OF CASE 1875	-	-	-	-	1	-	PCS
	302304294	SUCTION GRILL OF CASE 2500	-	-	-	-	-	1	PCS
33	402300245	BASE DECK GD CASE	2	3	4	-	-	-	PCS
	402300246	BASE DECK OF CASE	-	-	-	2	3	4	PCS

34	402302249	BACK PANEL BOTTOM GD CASE 1250	1	-	2	-	-	-	PCS
	402301249	BACK PANEL BOTTOM GD CASE 937	-	2	-	-	-	-	PCS
	402302250	BACK PANEL BOTTOM OF CASE 1250	-	-	-	1	-	2	PCS
	402301250	BACK PANEL BOTTOM OF CASE 937	-	-	-	-	2	-	PCS
35	402302247	BACK PANEL TOP GD CASE 1250	1	-	2	-	-	-	PCS
	402301247	BACK PANEL TOP GD CASE 937	-	2	-	-	-	-	PCS
	402302248	BACK PANEL TOP OF CASE 1250	-	-	-	1	-	2	PCS
	402301248	BACK PANEL TOP OF CASE 937	-	-	-	-	2	-	PCS
36	302302057	AIR DEFLECTOR 1250	-	-	-	4	-	8	PCS
	302301057	AIR DEFLECTOR 937	-	-	-	-	8	-	PCS
37	402302241	TOP PANEL GD CASE 1250	1	-	-	-	-	-	PCS
	402303241	TOP PANEL GD CASE 1875	-	1	-	-	-	-	PCS
	402304241	TOP PANEL GD CASE 2500	-	-	1	-	-	-	PCS
	402302242	TOP PANEL OF CASE 1250	-	-	-	1	-	-	PCS
	402303242	TOP PANEL OF CASE 1875	-	-	-	-	1	-	PCS
	402304242	TOP PANEL OF CASE 2500	-	-	-	-	-	1	PCS
38	23808391	SHELF BRACKET 450 MM RH	4	8	8	-	-	-	PCS
	23808413	SHELF BRACKET 450 MM LH	4	8	8	-	-	-	PCS
	23808392	SHELF BRACKET 400 MM RH	-	-	-	4	8	8	PCS
	23808414	SHELF BRACKET 400 MM LH	-	-	-	4	8	8	PCS
39	400001241	SHELF 450 MM - 1250 MM	4	-	8	-	-	-	PCS
	400001242	SHELF 450 MM - 937 MM	-	8	-	-	-	-	PCS
	400001243	SHELF 400 MM - 1250 MM	-	-	-	4	-	8	PCS
	400001244	SHELF 400 MM - 937 MM	-	-	-	-	8	-	PCS
40	400003206	SHELF TRAVERS 1250 MM	4	-	8	4	-	8	PCS
	400003207	SHELF TRAVERS 937 MM	-	8	-	-	8	-	PCS
41	10401040	TICKET STRIP 1250 MM	4	-	8	4	-	8	PCS
	10401032	TICKET STRIP 937 MM	-	8	-	-	8	-	PCS
42	23202035	PRODUCT STOPPER GLASS 1250 MM	4	-	8	4	-	8	PCS
	23206057	PRODUCT STOPPER GLASS 937 MM	-	8	-	-	8	-	PCS
43	400002237	HONEYCOMB HOLDER SHEET 1250	-	-	-	1	-	2	PCS
	400001237	HONEYCOMB HOLDER SHEET 937	-	-	-	-	2	-	PCS
44	21403004	HONEYCOMB 1250 MM (D:6 MM H:25 MM)	-	-	-	1	2	2	PCS
45	402302238	LIGHTING SHEET GD CASE 1250	1	-	-	-	-	-	PCS
	402303238	LIGHTING SHEET GD CASE 1875	-	1	-	-	-	-	PCS
	402304238	LIGHTING SHEET GD CASE 2500	-	-	1	-	-	-	PCS
	402302239	LIGHTING SHEET OF CASE 1250	-	-	-	1	-	-	PCS
	402303239	LIGHTING SHEET OF CASE 1875	-	-	-	-	1	-	PCS
	402304239	LIGHTING SHEET OF CASE 2500	-	-	-	-	-	1	PCS
46	21504002	NIGHT BLIND 1250	-	-	-	1	-	2	PCS
	21504001	NIGHT BLIND 937	-	-	-	-	2	-	PCS

47	402302286	UPPER DECOR GD CASE 1250	1	-	-	-	-	-	PCS
	402303286	UPPER DECOR GD CASE 1875	-	1	-	-	-	-	PCS
	402304286	UPPER DECOR GD CASE 2500	-	-	1	-	-	-	PCS
	402302287	UPPER DECOR OF CASE 1250	-	-	-	1	-	-	PCS
	402303287	UPPER DECOR OF CASE 1875	-	-	-	-	1	-	PCS
	402304287	UPPER DECOR OF CASE 2500	-	-	-	-	-	1	PCS
48	24101059	CASE LEG M16	4	8	8	4	8	8	PCS
49	402300940	ENDWALL SOLID RH	1	1	1	-	-	-	PCS
	402300941	ENDWALL SOLID LH	1	1	1	-	-	-	PCS
	402300942	ENDWALL MİRRORED RH	-	-	-	1	1	1	PCS
	402300943	ENDWALL MİRRORED LH	-	-	-	1	1	1	PCS



CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
<b>/Pro ( Prob parameters)</b>							
<b>/2</b>	Measurement stability		4	4	4	4	4
<b>/4</b>	Virtual Prob: Blowing and suction probes rates for regulation		100	100	100	50	50
	0= Blow probe						
	100= Suction probe						
<b>/5</b>	°C or °F selection		0	0	0	0	0
	0=°C, 1=°F						
<b>/6</b>	Decimal		1	1	1	1	1
	0=active,						
	1= inactive						
<b>rHS</b>	Virtual probe regulation rate to calculate glass temperature		20	20	20	20	20
	0= Blow probe						
	100= Suction probe						
<b>/t</b>	Are signals and alarms viewed in non-button terminal?		0	0	0	0	0
	0= inactive						
	1= active						
<b>/t1</b>	probe to be viewed in button terminal		12	12	12	12	12
	0 = Terminal inactive	8 =Serial probe 8					
	1 = Probe 1	9 =Serial probe 9					
	2 = Probe 2	10 =Serial probe 10					
	3 = Probe 3	11 =Serial probe 11					
	4 = Probe 4	12 = Control probe					
	5 = Probe 5	13 = Virtual probe					
	6 = Probe 6	14 = Set point					
	7 = Probe 7						
<b>/t2</b>	probe to be viewed in non-button terminal		12	12	12	12	12
	0 = Terminal inactive	8 =Serial probe 8					
	1 = Probe 1	9 =Serial probe 9					
	2 = Probe 2	10 =Serial probe 10					
	3 = Probe 3	11 =Serial probe 11					
	4 = Probe 4	12 = Control probe					
	5 = Probe 5	13 = Virtual probe					
	6 = Probe 6	14 = Set point					
	7 = Probe 7						



CAREL PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
/to	button/non-button terminal configuration		3	3	3	3	3	3
	<b>Button terminal</b>	<b>Non-button terminal</b>						
	0 Yes	yes						
	1 optional	yes						
	2 Yes	optional						
3 optional	optional							
/P1	S1 ,S2 , S3 (Group 1) probe type		0	0	0	0	0	0
	0 = NTC Standard Range -50T90°C							
	1 = PTC Standard Range -50T150°C							
	2 = PT1000 Standard Range -50T150°C							
	3 = NTCL243 Standard Range -50T90°C							
/P2	S4 ,S5 (Group2) probe type		0	0	0	0	0	0
	0 = NTC Standard Range -50T90°C							
	1 = PTC Standard Range -50T150°C							
	2 = PT1000 Standard Range -50T150°C							
	3 = NTCL243 Standard Range -50T90°C							
/P3	S6 (Group3) probe type		4	4	4	4	4	4
	0 = NTC Standard Range -50T90°C							
	1 = PTC Standard Range -50T150°C							
	2 = PT1000 Standard Range -50T150°C							
	3 = NTCL243 Standard Range -50T90°C							
4 = 0 to 5V ratiometric pressure transmitter								
/P4	S7, (Group4) probe type		0	0	0	0	0	0
	0 = NTC Standard Range -50T90°C							
	1 = PTC Standard Range -50T150°C							
	2 = PT1000 Standard Range -50T150°C							
	3 = NTCL243 Standard Range -50T90°C							
	4 = 0 to 5V ratiometric pressure transmitter							
	5 = 0 to 10 V input							
6 = 4 to 20 mA input								
/P5	S8 den S11 e (Group5) serial problar probe type		0	0	0	0	0	0



CAREL PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
<b>CtL ( Control)</b>								
<b>OFF</b>	ON/OFF control unit on-off		0	0	0	0	0	0
	0 = ON; 1 = OFF;							
<b>St</b>	Set point		-20	-20	-20	-20	0	2
<b>St2</b>	Double thermostate control suction set value		50	50	50	50	50	50
<b>rd</b>	St set value difference		2	2	2	2	2	2
<b>rd2</b>	Double thermostate control suction set value difference		0	0	0	0	0	0
	0.0 = Function inactive							
<b>r1</b>	Allowed minimum set value		-24	-24	-24	-24	-4	-4
<b>r2</b>	Allowed maximum set value		-18	-18	-18	-18	4	4
<b>r3</b>	Defrost warning activation ending in time		0	0	0	0	0	0
	0 = inactive, 1 = active							
<b>r4</b>	Automatic night set point		0	0	0	0	0	0
<b>r5</b>	Will minimum and maximum temperatures be kept to which probe in the memory?		1	1	1	1	1	1
	0 = Monitoring inactive	6 = superheat temperature probe (tGS)						
	1 = Control probe (Sreg)	7 = saturated evaporation temperature probe (tEu)						
	2 = virtual probe (Sv)	8 = auxiliary defrost probe (Sd2)						
	3 = Blow probe (Sm)	9 = auxiliary probe (Saux)						
	4 = defrost probe (Sd)	10 = auxiliary probe 2 (Saux2)						
<b>rt</b>	Recorded min and max temperature monitoring time range		-	-	-	-	-	-
<b>rH</b>	Recorded max temperature		-	-	-	-	-	-
<b>rL</b>	Recorded min temperature		-	-	-	-	-	-
<b>r6</b>	Night Control probe		0	0	0	0	0	0
	0 = virtual probe Sv; 1 = Suction probe Sr							
<b>ro</b>	For Virtual Probe, probe error offset		0.0	0.0	0.0	0.0	0.0	0.0
<b>r7</b>	Master solenoid valve configuration		0	0	0	0	0	0
	0 = local valve ;1 = network valve (connected to the Master)							
<b>rSu</b>			0	0	0	0	0	0

CAREL PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
<b>CMP (compressor)</b>								
<b>c0</b>	Compressor and fan starting time delay		0	0	0	0	0	0
<b>c1</b>	Minimum time between successive start		0	0	0	0	0	0
<b>c2</b>	Compressor minimum OFF Time		0	0	0	0	0	0
<b>c3</b>	Compressor minimum ON Time		0	0	0	0	0	0
<b>c4</b>	Control probe error duty time. Compressor and solenoid outlet works for the time stated there		0	0	0	0	0	0
	holds for 15 minutes and works again.							
	0 = Compressor/valve always OFF; 100 = compressor/valve always ON							
<b>cc</b>	Continuous cycle time		1	1	1	1	1	1
<b>c6</b>	Post-continuous cycle alarm by-pass		60	60	60	60	60	60
<b>c7</b>	Maximum pump down time		0	0	0	0	0	0
<b>Def (defrost)</b>								
<b>d0</b>	Defrost type		4	0	0	0	0	0
	0 = temperature-based heater	4 = time and temperature-based heater defrost						
	1 = temperature-based hot gas	5 = temperature-based heater multiplied hotgas bypass						
	2 = temperature-based heater	6 = time-based heater multiplied hotgas bypass						
	3 = time-based hot gas							
<b>d2</b>	Defrost-end synchronization by Master		1	1	1	1	1	1
	0 = unsynchronous; 1 = synchronous							
<b>d1</b>	Time between defrosts		8	8	6	6	6	6
<b>dt1</b>	Defrost-end temperature, Evaporator Sd1		10	10	12	12	10	10
<b>dt2</b>	Defrost-end temperature, AUX Evaporator Sd2		10	10	12	12	10	10
<b>dP1</b>	Maximum Defrost time		35	35	40	45	45	45
<b>dP2</b>	Maximum Defrost time, AUX 2. Evaporator		35	35	40	45	45	45
<b>d4</b>	Initially defrost		0	0	0	0	0	0
	0 = No initial defrost ; 1 = inital defrost							
	(Master = network defrost; Slave = local defrost)							
<b>d5</b>	Defrost time delay at the beginning if d4=1		0	0	0	0	0	0
	0 = delay inactive							
<b>d6</b>	Terminal indicator status during defrost		2	2	2	2	2	2
	0 = Real temperature value and "dEF" flashes							
	1 = pre-defrost last temperature remains on the screen							
	2 = 'dEF' is viewed							
<b>dd</b>	Post-Defrost drip time		2	2	2	2	2	2
	0= No drip							

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
d7	defrost by-pass	0	0	0	0	0	0	
	0 = inactive ; 1 = active;							
d8	Alarm delay following defrost and door opening	30	30	30	30	30	30	
d9	Status of compressor protection times in hotgas bypass	1	1	1	1	1	1	
	0 = protection times are followed ; 1 = protection times are ignored							
Sd1	Defrost Probe value	-	-	-	-	-	-	
Sd2	Second Evaporator defrost probe value	-	-	-	-	-	-	
dC	Defrost time basis	0	0	0	0	0	0	
	0 = dl hour,dP1,dP2 and ddP minute; 1 = dl minute,Dp2 and ddP second							
d10	Time for defrost based on lamel temperature	0	0	0	0	0	0	
	0 = Function inactive							
d11	Temperature-based defrost activation temperature threshold	-30	-30	-30	-30	-30	-30	
d12	During Defrost, pressure transmitter alarm status	0	0	0	0	0	0	
	<b>probe failure</b>							<b>failure in supervisor</b>
	0 inactive							active
	1 active							active
	2 inactive							inactive
3 active	inactive							
dS1	Compressor stop time for successive defrost ( when stops for this time, defrost ends,	0	0	0	0	0	0	
	0 = Function inactive							
dS2	Compressor operation time for successive defrost (defrost starts when the	120	120	120	120	120	120	
ddt	Defrost end temperature offset for Power defrost	0.0	0.0	0.0	0.0	0.0	0.0	
ddp	Defrost time offset for Power defrost	0	0	0	0	0	0	
dn	Nominal Defrost bypass time rate	75	75	75	75	75	75	
d1S	daily defrost based on td1 time zone	0	0	0	0	0	0	
	0 = inactive							8 = 3 hours 0 minute
	1 = 24 hours 0 minute							9 = 2 hours 40 minutes
	2 = 12 hours 0 minute							10 = 2 hours 24 minutes
	3 = 8 hours 0 minute							11 = 2 hours 11 minutes
	4 = 6 hours 0 minute							12 = 2 hours 0 minute
	5 = 4 hours 48 minutes							13 = 1 hour 0 minute
	6 = 4 hours 0 minute							14 = 30 minutes
7 = 3 hours 26 minutes								

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
<b>d2S</b>	see d1S parameter for td1 time zone daily defrosts	0	0	0	0	0	0
<b>dH1</b>	Pumpdown time	0	0	0	0	0	0
	0= pump down inactive						
<b>dHG</b>	Multiplied hot gas bypass type	0	0	0	0	0	0
	0 = Compensator valve is OFF usually						
	1 = Compensator valve is ON usually						
<b>ALM (Alarm)</b>							
<b>AA</b>	Determination of temperature probe for AH and AL alarms		1	1	1	1	1
	1 = control (sreg)	8 = auxiliary defrost probe (Sd2)					
	2 = virtual (Sv)	9 = auxiliary probe (Saux)					
	3 = blow (Sm)	10 = auxiliary probe 2 (Saux2)					
	4 = defrost (Sd)	11 = ortam sıcaklığı (SA)					
	5 = suction (Sr)	12 = ortam nemi (SU)					
	6 = superheat temperature probe(tGS)	13 = cam sıcaklığı (Syt)					
	7 =SH pressure transmitter temperature equivalence (tEu)	14 = çığırma noktası (SdP)					
<b>AA2</b>	Determination of temperature probe for AH2 and AL2 alarms control AA parameter		5	5	5	5	5
<b>A0</b>	Low and high temperature alarm difference		2.0	2.0	2.0	2.0	2.0
<b>A1</b>	Threshold type for AL and AH 1. Alarm delays		0	0	0	0	0
	0 = relative AL and AH set value 1 = absolute AL and AH absolute values						
<b>A2</b>	Threshold type for AL2 and AH2 2. Alarm delays		0	0	0	0	0
	0 = relative AL and AH set value 1 = absolute AL and AH finite values						
<b>AL</b>	Low temperature 1. alarm threshold		4	4	4	4	4
<b>AH</b>	High temperature 1. alarm threshold		5	5	5	5	5
<b>AL2</b>	Low temperature 2. alarm threshold		0	0	0	0	0
<b>AH2</b>	High Temperature 2. alarm threshold		0	0	0	0	0
<b>Ad</b>	Low and high temperature alarm alarm delay		15	15	15	15	15
<b>A4</b>	ID1 digital input configuration in S4 input		0	0	0	0	0
	0 = input is not active	5 = kapı switchi konfigürasyonu kompresör ve fanlar OFF					
	1 = momentary external alarm	6 = uzaktan ON/OFF					
	2 = delayed external alarm	7 = perde switchi					
	3 = defrost activation	8 = sürekli çevrim başlama / durma					
	4 = defrost starting	9 = ışık sensörü					

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
A5	ID2 digital input configuration in S5 input, see the list in A4 parameter	0	0	0	0	0	0	
A6	In the event of external alarm, solenoid/compressor working times. Compressor and solenoid work for this time, stop for 15 minutes and work againn.	0	0	0	0	0	0	
	0 = Compressor/valve always OFF; 100 = compressor/valve always ON							
A7	Time delay for delayed external alarm	0	0	0	0	0	0	
A8	Virtual digital input configuration see the list in A4 parameter	0	0	0	0	0	0	
A09	Digital input selection transferred from master to slave	0	0	0	0	0	0	
	0 = supervisor							3 = D13
	1 = D11							4 = D14
	2 = D12							5 = D15
A10	ID3 digital input configuration in S6 input see the list in A4 parameter	0	0	0	0	0	0	
A11	Id4 digital input configuration in S7 input, see the list in A4 parameter	0	0	0	0	0	0	
A12	Digital input configuration in D15 input, see the list in A4 parameter	0	0	0	0	0	0	
Ar	Is alarm signal in slaves shown in master?	1	1	1	1	1	1	
	0 = no ; 1 = yes							
A13	When slaves are offline, hotgas bypass procedure	0	0	0	0	0	0	
	0 = inactive 1 = active							
<b>Fan (Evaporator fans)</b>								
F0	Evaporator fan management	0	0	0	0	0	0	
	0 = always ON							
	1 = Fan activation Sd defrost - Sv virtual (or Sd defrost - Sm blow double thermostat control) 2 =Activation Sd defrost probe							
F1	Fan activation threshold (only F0=1 and 2)	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	
F2	Will fans stop when the compressor stops?	0	0	0	0	0	0	
	0 =Fans work 1 = Fans stop							
F3	Status of fans during defrost	0	0	1	1	0	0	
	0 = Fans work in Defrost 1 = fans stop							
Fd	Post-defrost drip fan waiting time	2	2	2	2	2	2	
Frd	Fan activation difference ( including variable speed fans)	2.0	2.0	2.0	2.0	2.0	2.0	
F5	Evaporator fan stop threshold (difference 1C)	50.0	50.0	50.0	50.0	50.0	50.0	
F6	Maximum Evaporator fan speed	100	100	100	100	100	100	

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
F7	Minimum Evaporator fan speed	0	0	0	0	0	0
F8	Evaporator fan peak time	0	0	0	0	0	0
	0 = Function inactive						
F9	PWM1/' fan control output selection (by phase-break)	1	1	1	1	1	1
	0 = pulse 1 = time-dependant						
F10	Time of working of evaporator fans at maximum speed	0	0	0	0	0	0
	0 = Function inactive						
<b>Eud (Electronic valve)</b>							
P1	Electronic valve	2	2	2	2	2	2
	0 = not used 1 = PWM valve 2 = CAREL E2V valve						
P3	Superheat Set point	10.0	10.0	10.0	10.0	10.0	10.0
P4	Proportional rate	15.0	15.0	15.0	15.0	15.0	15.0
P5	Integration rate ( Integral factor)	150	150	150	150	150	150
	0 = Function inactive						
P6	Derivative rate	5.0	5.0	5.0	5.0	5.0	5.0
	0 = Function inactive						
P7	LowSH: low superheat threshold	7.0	7.0	7.0	7.0	7.0	7.0
P8	LowSH: low superheat integral time	15.0	15.0	15.0	15.0	15.0	15.0
	0 = Function inactive						
P9	LowSH: düşük superheat alarm gecikmesi	600	600	600	600	600	600
	0 = alarm inactive						
P10	Will solenoid valve be OFF in the event of low superheat or low suction temperature?	0	0	0	0	0	0
	1 = OFF is active						
P11	LSA: low evaporation temperature alarm	-45.0	-45.0	-45.0	-45.0	-45.0	-45.0
P12	LSA: alarm delay	600	600	600	600	600	600
	0 = alarm inactive						
P13	LSA: alarm difference (C)	10.0	10.0	10.0	10.0	10.0	10.0
	0 = reset the alarm all the time automatically						
P14	('blo') alarm signal activation	1	1	1	1	1	1
	1= blo alarm is active						
P15	Complementary temperature acceptance value in the event of Superheat pressure	-30	-30	-30	-12	-12	-12



CAREL PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
PH	Gas type		3	3	3	3	3	3
	1 = R22	8 = R600						
	2 = R134a	9 = R600a						
	3 = R404A	10 = R717						
	4 = R407C	11 = R744						
	5 = R410A	12 = R728						
	6 = R507A	13 = R1270						
	7 = R290	14 = R417A						
OSH	Superheat offset for modulation thermostate		0.0	0.0	0.0	0.0	0.0	0.0
	0 = Function inactive							
Phr	Fast updating of valve parameters by the supervisor		0	0	0	0	0	0
	0 = fast update is inactive							
PM1	MOP: Maximum evaporation pressure temperature value		50.0	50.0	50.0	50.0	50.0	50.0
PM2	MOP: Integral time		10.0	10.0	10.0	10.0	10.0	10.0
PM3	MOP: alarm delay		0	0	0	0	0	0
	0 = Function is inactive							
PM4	MOP: MOP function delay at the beginning		2	2	2	2	2	2
PM5	MOP: activating solenoid valve shutting		0	0	0	0	0	0
	0 = OFF is inactive							
	1 = OFF is active							
PL1	LOP: Minimum evaporation pressure temperature value		-50.0	-50.0	-50.0	-50.0	-50.0	-50.0
PL2	LOP: Integral time		0.0	0.0	0.0	0.0	0.0	0.0
PL3	LOP: alarm delay		0	0	0	0	0	0
	0 = Function is inactive							
SH	Superheat value		-	-	-	-	-	-
PPU	valve ON rate		-	-	-	-	-	-
tGS	Superheat temperature sensor reading value		-	-	-	-	-	-
tEu	Superheat pressure sensor temperature value (value of the pressure equivalent to the temperature)		-	-	-	-	-	-
/cE	Saturated evaporation temperature calibration		0.0	0.0	0.0	0.0	0.0	0.0
Po6	PWM expansion valve T on/OFF period		6	6	6	6	6	6
cP1	Valve position when the control is ON		30	30	30	30	30	30
Pdd	Post-Defrost valve position		10	10	10	10	10	10
PSb	valve standby position		0	0	0	0	0	0
PF	valve opening stages		-	-	-	-	-	-

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
PMP	Electronic expansion valve manual operation activation	0	0	0	0	0	0	
	0 = inactive 1 = active							
PMu	Manual valve position	-	-	-	-	-	-	
Phc	Large capacity valve activation	0	0	0	0	0	0	
<b>Cnf ( Configuration)</b>								
In	MPXPRO Unit type	1	1	1	1	1	1	
	0 = Slave 1 = Master							
Sn	Number of slave in local network	0	0	0	0	0	0	
	0 = No Slave							
H0	Supervisor and Master-Slave network address	199	199	199	199	199	199	
H1	AUX1 output configuration	8	8	8	8	8	8	
	0 = no function							7 = second Evaporator defrost output
	1 = alarm without energy normally							8 = Evaporator Fan output
	2 = energy alarm normally							9 = Glass heater output
	3 = auxiliary output							10 = Suction valve
	4 = auxiliary output shared by Master with slaves							11 = Compensation valve
	5 = Light output							12 = Solenoid valve
6 = auxiliary output shared by Master with slaves								
H2	Button set and remote control deactivation	1	1	1	1	1	1	
	1 = Button set and remote control is active							
H3	Remote control activation code	0	0	0	0	0	0	
	0 =no remote control activation code							
H4	Buzzer activation	0	0	0	0	0	0	
	0 = active; 1 = inactive							
H5	Please see AUX2 output configuration H1 parameter	7	2	2	2	2	2	
H6	Terminal button set locking configuration	0	0	0	0	0	0	
H7	Please see AUX3 output configuration H1 parameter	5	5	5	5	5	5	
H8	Output association with time bands	0	0	0	0	0	0	
	0 = Light 1 = AUX							

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
H9	Output association with AUX button	0	0	0	0	0	0
	0 = Light 1 = AUX						
H10	Compressor output configuration	0	0	0	0	0	0
	0 = Cooling 1 = heating						
H11	Fan output configuration	0	0	0	0	0	0
	0 = Cooling 1 = Heating						
H12	Light sensor threshold	25	25	25	25	25	25
H13	Please see AUX4 output configuration H1 parameter	12	12	12	12	12	12
Hdn	default set parameters number	0	0	0	0	0	0
Htc	External time card insertion	0	0	0	0	0	0
	0 = not inserted						
rHu	Manual glass heater activation rate (rHt period)	70	70	70	70	70	70
	0 = Function is inactive						
rHt	Manual glass heater activation period	5	5	5	5	5	5
	0 = Function is inactive						
rHo	Glass heater modulation offset	2.0	2.0	2.0	2.0	2.0	2.0
rHd	Glass heater modulation difference	0.0	0.0	0.0	0.0	0.0	0.0
rHL	PWM output load type for glass heater modulation	0	0	0	0	0	0
	0 = resistant 1 = inductive						
rHA	Factor A for calculated glass temperature	2	2	2	2	2	2
rHb	Factor B for calculated glass temperature	22	22	22	22	22	22
<b>HSt (Alarm log)</b>							
HSo to 9	0 dan 9'a alarmlar (sete basın)	-	-	-	-	-	-
---	0 dan 9'a alarm kodu	-	-	-	-	-	-
h_	0 dan 9'a alarm houri	0	0	0	0	0	0
n_	0 dan 9'a alarm minutesi	0	0	0	0	0	0
---	0 dan 9'a alarm süresi	0	0	0	0	0	0
<b>HcP (HACCP alarms)</b>							
Ht0	HACCP alarm	0	0	0	0	0	0
HAn	HA alarm type number	0	0	0	0	0	0

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
<b>HA to HA2</b>	HA type active HACCP alarm number	-	-	-	-	-	-
<b>y_</b>	From 1 to 3 alarm-Year	0	0	0	0	0	0
<b>M_</b>	From 1 to 3 alarm - month	0	0	0	0	0	0
<b>d_</b>	From 1 to 3 alarm - which day of the month	0	0	0	0	0	0
<b>h_</b>	From 1 to 3 alarm - hour	0	0	0	0	0	0
<b>n_</b>	From 1 to 3 alarm - minute	0	0	0	0	0	0
<b>...</b>	From 1 to 3 alarm - Alarm time	0	0	0	0	0	0
<b>HFn</b>	HF alarm type number	0	0	0	0	0	0
<b>HF to HF2</b>	HF type active HACCP alarm number	-	-	-	-	-	-
<b>y_</b>	From 1 to 3 alarm - Year	0	0	0	0	0	0
<b>M_</b>	From 1 to 3 alarm -month	0	0	0	0	0	0
<b>d_</b>	From 1 to 3 alarm - which day of the month	0	0	0	0	0	0
<b>h_</b>	From 1 to 3 alarm - hour	0	0	0	0	0	0
<b>n_</b>	From 1 to 3 alarm - minute	0	0	0	0	0	0
<b>_</b>	From 1 to 3 alarm - Alarm time	0	0	0	0	0	0
<b>Htd</b>	HACCP alarm delay	0	0	0	0	0	0
	0 = alarm viewing deactivated						
<b>rtc (Real Time Clock)</b>							
<b>td1 to 8</b>	Defrost time from 1 to 8 (press Set)	-	-	-	-	-	-
<b>d_</b>	From 1 to 8 defrost day selection	0	0	0	0	0	0
	0 = no defrost						
	1 to 7 = days one by one from Monday to Sunday						
	8 = every day from Monday to Friday						
	9 = everyday from Monday to Saturday						
	10 = only Saturday Sunday						
11 = everyday							
<b>h_</b>	Defrost hour	0	0	0	0	0	0
<b>n_</b>	Defrost minute	0	0	0	0	0	0
<b>P_</b>	Power defrost selection	0	0	0	0	0	0
	0 = Normal defrost; 1 =Power defrost						
<b>tS1 to 8</b>	Time band starting from 1 to 8 (press Set)	-	-	-	-	-	-
<b>d</b>	Time band starting: day	0	0	0	0	0	0
<b>h</b>	Time band starting: hour	0	0	0	0	0	0
<b>n</b>	Time band starting: minute	0	0	0	0	0	0
<b>tE1 to 8</b>	Time band end from 1 to 8 (press Set)	-	-	-	-	-	-



DANFOSS PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
<b>Normal operation</b>							
---	Temperature (setpoint)	-26	-20	-20	-20	0	2
<b>Thermostat</b>							
r01	Differential	2	2	2	2	2	2
r02	Max. limitation of setpoint setting	-22	-18	-18	-18	-4	-4
r03	Min. limitation of setpoint setting	-29	-23	-23	-23	4	4
r04	Adjustment of temperature indication	0	0	0	0	0	0
r05	Temperature unit (°C/°F)	0	0	0	0	0	0
r09	Correction of the signal from S4	0	0	0	0	0	0
r10	Correction of the signal from S3	0	0	0	0	0	0
r12	Manual service, stop regulation, start regulation (-1, 0, 1)	1	1	1	1	1	1
r13	Displacement of reference during night operation	0	0	0	0	0	0
r14	Define thermostat function	1	1	1	1	1	1
	1=ON/OFF						
	2=Modulating						
r15	Definition and weighting, if applicable, of thermostat sensors - S4% (100%=S4, 0%=S3)	100	0	0	0	50	50
r16	Time between melt periods	0	0	0	0	0	0
r17	Duration of melt periods	0	0	0	0	0	0
r21	Temperature setting for thermostat band 2 . As differential use r01	-26	-20	-20	-22	0	0
r59	Correction of the signal from S6	0	0	0	0	0	0
r61	Definition and weighting, if applicable, of thermostat sensors when night cover is on. (100%=S4, 0%=S3)	100	0	0	0	50	50
r62	Heat function	2	2	2	2	2	2
	Neutral zone between refrigeration and heat function						
r63	Time delay at switch between refrigeration and heat function	0	0	0	0	0	0
<b>Alarms</b>							
A03	Delay for temperature alarm	15	15	15	15	20	20
A04	Delay for door alarm	0	0	0	0	0	0
A12	Delay for temperature alarm after defrost	60	60	60	60	60	60
A13	High alarm limit for thermostat 1	-18	-15	-15	-15	4	6
A14	Low alarm limit for thermostat 1	-30	-26	-26	-26	-6	-6
A20	High alarm limit for thermostat 2	-18	-15	-15	-15	4	6
A21	Low alarm limit for thermostat 2	-30	-26	-26	-26	-6	-6
A22	High alarm limit for sensor S6 at thermostat 1	8	8	8	8	8	8
A23	Low alarm limit for sensor S6 at thermostat 1	-30	-30	-30	-30	-30	-30
A24	High alarm limit for sensor S6 at thermostat 2	8	8	8	8	8	8
A25	Low alarm limit for sensor S6 at thermostat 2	-30	-30	-30	-30	-30	-30

DANFOSS PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
A26	S6 alarm time delay	240	240	240	240	240	240
	With setting = 240 the S6 alarm will be omitted						
A27	Alarm time delay or signal on the DI1 input	30	30	30	30	30	30
A28	Alarm time delay or signal on the DI2 input	30	30	30	30	30	30
A36	Signal for alarm thermostat. S4% (100%=S4, 0%=S3)	100	0	0	0	50	50
A52	Delay for S6 (product sensor alarm) after defrost	90	90	90	90	90	90
<b>Compressor</b>							
c01	Min. ON-time	0	0	0	0	0	0
c02	Min. OFF-time	0	0	0	0	0	0
c05	Time delay for cutin of comp.2	5	5	5	5	5	5
<b>Defrost</b>							
d01	Defrost method	1	1	1	1	1	1
	0=off						
	1= EL						
	2= gAs						
d02	Defrost stop temperature	10	10	12	12	10	10
d03	Interval between defrost starts	8	8	6	6	6	6
d04	Max. defrost duration	35	35	35	35	45	45
d05	Displacement of time on cutin of defrost at start-up	0	0	0	0	0	0
d06	Drip off time	2	2	2	2	3	3
d07	Delay for fan start after defrost	2	2	2	2	0	0
d08	Fan start temperature	-5	-5	-5	-5	-5	-5
d09	Fan cutin during defrost	1	1	0	0	1	1
	0: Stopped						
	1: Running						
	2: Running during pump down and defrost						
d10	Defrost sensor	3	1	1	1	1	1
	0 =Stop on time						
	1=S5						
	2=S4						
	3=Sx						
(Application 1-8 and 10: both S5 and S6. Application 9: S5 and S5B)							
d16	Pump down delay	0	0	0	0	0	0
d17	Drain delay (used at hot gas defrost only)	0	0	0	0	0	0
d18	Max. aggregate refrigeration time between two defrosts	0	0	0	0	0	0
d20	Heat in drip tray. Time from defrosting stops to heating in the drip tray is switched off	30	30	30	30	30	30





DANFOSS PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
t45	Clock - Setting of date	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	
t46	Clock - Setting of month	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	
t47	Clock - Setting of year	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	
<b>Miscellaneous</b>								
o01	Delay of output signals after start-up	5	5	5	5	5	5	
o02	Input signal on DI1. Function:	0	0	0	0	0	0	
	0=not used							7=thermostat band changeover (activate r21)
	1=status on DI1							8=alarm function when closed
	2=door function with alarm when open							9=alarm function when open
	3=door alarm when open							10=Appliance cleaning (pulse signal)
	4=defrost start (pulse-signal)							11=forced cooling at hot gas defrost
	5=ext.main switch							12=night cover
6=night operation	15=case shut down							
o03	Network address	0	0	0	0	0	0	
o04	On/Off switch (Service Pin message) IMPORTANT! o61 <b>must</b> be set prior to o04 (used at LON 485 and DANBUSS only)	Off	Off	Off	Off	Off	Off	
o05	Access code 1 (all settings)	0	0	0	0	0	0	
o06	Used sensor type	0	0	0	0	0	0	
	0=Pt1000							
	1=Ptc1000,							
o08	Readout of software version	**	**	**	**	**	**	
o16	Max hold time after coordinated defrost	20	20	20	20	20	20	
o17	Select signal for display view. S4% (100%=S4, 0%=S3)	100	0	0	0	50	50	
o20	Pressure transmitter working range – min. value	-1	-1	-1	-1	-1	-1	
o21	Pressure transmitter working range – max. value	12	12	12	12	12	12	

DANFOSS PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
o30	Refrigerant setting:		19	19	19	19	19	19	
	1=R12	15=R227							29=R1270
	2=R22	16=R401A							30=R417A
	3=R134a	17=R507							31=R422A
	4=R502	18=R402A							32=R413A
	5=R717	19=R404A							33=R422D
	6=R13	20=R407C							34=R427A
	7=R13b1	21=R407A							35=R438A
	8=R23	22=R407							36=R513A
	9=R500	23=R410A							37=R407F
	10=R503	24=R170							38=R1234ze
	11=R11	25=R290							39=R1234yf
	12=R142b	26=R600							40=R448A
	13=User defined	27=R600a							41=R449A
14=R32	28=R744	42=R452A							
o30	Refrigerant setting:		19	19	19	19	19	19	
o37	Input signal on DI2. Function:		0	0	0	0	0	0	
	(0=not used.	5=ext. main switch							10=Appliance cleaning (pulse signal).
	1=status on DI2.	6=night operation							11=forced cooling at hot gas defrost.).
	2=door function with alarm when open.	7=thermostat band changeover (activate r21).							12=night cover,
	3=door alarm when open.	8=alarm function when closed.							13=coordinated defrost).
4=defrost start (pulse-signal).	9=alarm function when open.	15=case shut down							
o38	Configuration of light function:		1	1	1	1	1	1	
	1=Light follows day /night operation,								
	2=Light control via data communication via 'o39',								
	3=Light control with a DI-input,								
4=As "2", but light switch on and night cover will open if the network cut out for more than 15 minutes.									
o39	Activation of light relay (only if o38=2) On=light		Off	Off	Off	Off	Off	Off	
o41	Rail heat On time during day operations		100	100	100	100	100	100	
o42	Rail heat On time during night operations		100	100	100	100	100	100	
o43	Rail heat period time (On time + Off time)		10	10	10	10	10	10	
o46	Appliance cleaning.		0	0	0	0	0	0	
	0=no Appliance cleaning.								
	1=Fans only.								
	2=All output Off.								
o61	Selection of EL diagram. See overview page 12 and 13		9	1	4	4	1	1	
o62	Download a set of predetermined settings. See overview page 27.		0	0	0	0	0	0	

DANFOSS PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
o64	Access code 2 (partial access)		0	0	0	0	0	0	
o67	Replace the controllers factory settings with the present settings		Off	Off	Off	Off	Off	Off	
o84	Input signal on DI3. Function: (high voltage input)		0	0	0	0	0	0	
	(0=not used.	6=night operation,							12=night cover.
	1=status on DI2.	7=thermostat band changeover (activate r21)							13=Not used.
	2=door function with alarm when open.	8=Not used.							14=Refrigeration stopped (forced closing)).
	3=door alarm when open	9=Not used.							15=case shut down
	4=defrost start (pulse-signal).	10=Appliance cleaning (pulse signal).							
	5=ext. main switch	11=forced cooling at hot gas defrost,							
o85	Rail heat control		0	0	0	0	0	0	
	0=not used,								
	1=pulse control with timer function (o41 and o42),								
	2=pulse control with dew point function								
o86	Dew point value where the rail heat is minimum		8	8	8	8	8	8	
o87	Dew point value where the rail heat is 100% on		17	17	17	17	17	17	
o88	Lowest permitted rail heat effect in %		30	30	30	30	30	30	
o89	Time delay from "open door" refrigeration is started		30	30	30	30	30	30	
o90	Fan operation at stopped cooling (forced closing): 0= Stopped (defrost allowed)		1	1	1	1	1	1	
	1= Running (defrost allowed)								
	2= Stopped (defrost not allowed)								
	3= Running (defrost not allowed)								
o92	1=defrost stop temperature,		1	1	1	1	1	1	
	2=S6 temperature,								
	3=S5_B temperature (application 9), 4=S3B (application 10)								
o97	Display of temperature		1	1	1	1	1	1	
	1= u56 Air temperature								
	2= u36 product temperature								
o98	Light and night blinds defined		0	0	0	0	0	0	
	0: Light is switch off and night blind is open when the main switch is off								
	1: Light and night blind is independent of main switch								

DANFOSS PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
P41	Configuration of alarm relay	1	1	1	1	1	1
	The alarm relay will be activated upon an alarm signal from the following groups:						
	1 - High temperature alarms						
	2 - Low temperature alarms						
	4 - Sensor error						
	8 - Digital input enabled for alarm 16 - Defrosting alarms						
	32 - Miscellaneous 64 - Injection alarms						
The groups that are to activate the alarm relay must be set by using a numerical value which is the sum of the groups that must be activated. (E.g.: a value of 5 will activate all high temperature alarms and all sensor error and 0 will cancel the relay function).							