

COLD SERVICE UNITS (REFRIGERATED)

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COLD SERVICE UNITS (REFRIGERATED)

A GENERAL INFORMATION

Before installing the appliance, read operation and maintenance instructions carefully. Wrong installation and part changing may damage the product or may cause injury on people. These are not in our company's responsibility to damage the appliance intentionally, negligence, detriments because of disobeying instructions and regulations, wrong connections. Unauthorized intervention to appliance invalidates the warranty.

1. This instruction manual should be kept in a safe place for future reference.
2. **Installation should be made in accordance with ordinances and security rules of that country by a qualified service personnel.**
3. This appliance has to be used by trained person.
4. Please turn off the appliance immediately in the event of malfunction or failure. The appliance should be repaired only by authorized service personnel. Please demand original spare part.

COLD SERVICE UNITS (REFRIGERATED)

A1 PRODUCT DESCRIPTION

*The Professional Cold Service Units (Refrigerated) ,that provides high efficiency has been designed to be used in industrial kitchen.

Product Code	Dimensions (mm)	Weight (kg)	Packaging Dimensions (mm)
SAE125	1250x790x850	86	1370x950x1150
SAE150	1500x790x850	100	1620x950x1150
SAE200	2000x790x850	120	2120x950x1150
SAE255	2555x790x850	140	2670x950x1150

A2 TECHNICAL INFORMATION

Product Code	Capacity	Power (KW)	Operating Voltage (V)	Cable (mm ²)	Operating Range (°C)	Accessories
SAE125	3x 1/1 GN	0,25	220-230	3x1,5	0 / +5	*Wooden decor *Top shelf group *Tray sliding stand *Granite stand
SAE150	4x 1/1 GN	0,6	220-230	3x1,5	0 / +5	
SAE200	5x 1/1 GN	0,6	220-230	3x1,5	0 / +5	
SAE255	6x1/1 GN	0,6	220-230	3x1,5	0 / +5	

COLD SERVICE UNITS (REFRIGERATED)

A3 TRANSPORTATION

*This appliance can not be moved by hand from area to area. It must be moved on pallet with forklift truck.

A4 UNPACKING

*Please unpack the package according to the security codes and ordinances of current country and get rid from the pack. Parts which contacts with food are produced by stainless steel. All plastic parts are marked by material's symbol.

*Please check that all the parts of appliance had come completely and if they are damaged or not during the shipping.

B INSTALLATION

*Please place the product to straight and sturdy ground, please take necessary steps against possibility of overturn.

*Technician who will serve for installation and service for the appliance must be professional on this subject and must have installation and service licenses by the company.

*Connection to Electric Power Supply must be done by authorized person.

*Please be sure that the voltage connected to appliance must be equal with the voltage which is on appliance's label.



This appliance must be connected to an earthed outlet in accordance with safety rules and standard.

*Appliance's earthing must be connected to earthing line on panel which is nearest to electric installation.

*Connection to the main fuse and leak current fuse must be done in accordance with the current regulations.

*If the 2 appliance will be placed adjacently, there must be at least 2 cm space between them. The Condensation is prevented.

COLD SERVICE UNITS (REFRIGERATED)

C SAFETY INSTRUCTIONS



*Do not use the appliance in insufficient lighted place.



*Do not touch the moving attachments while the appliance operates.



*Do not install the appliance in the presence of flammable or explosive materials.



*Do not operate the appliance when the machine is empty.



*Do not load so less or more than appliance's capacity.



*Do not attempt to use the appliance without suitable protective equipments.



*Because of any reason if there is a fire or flame flare where the appliance is used, turn off all gas valves and electric contactor switch quickly and use fire extinguisher. Never use water to extinguish the fire.



*All the damages because of not having earthing connection will not be on warranty.



*Prevent the appliance to take sunshine directly.

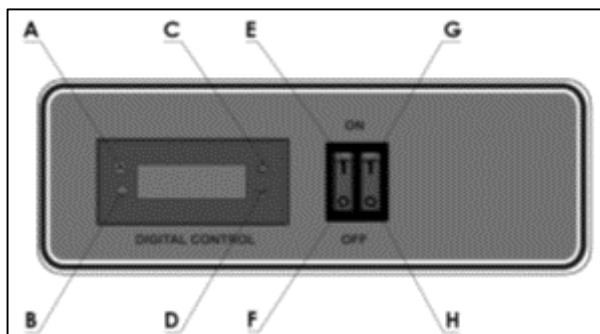


*Do not place heavy objects on to the appliance.

COLD SERVICE UNITS (REFRIGERATED)

D OPERATION

*Control Panel;



- A : Degree increase
- B : Degree reduce
- C : Indicator ON/OFF
- D : SET approval button
- E : ON position
- F : OFF position
- G : Lamp ON position
- H : Lamp OFF position

*Operating;

- Clean the inner and outer surface of the appliance with warm cloth before first use. Then clean with wet cloth and dry. Wash the service containers and dry.
- Plug in the appliance.
- Switch to (I) position
- Activate lamp ON/OFF button for the inner lighting of the refrigerator.
- Set the appliance's temperature with up-down arrows.
- Operate the appliance for 12 hours when it is empty, at first use. Meanwhile do not open the lids.
- Insert the materials into the refrigerator and service containers.
- If the lids are opened often or left opened, these situations can effect the cooling of the products.
- When the appliance is not needed to be used, switch to (0) position and unplug the appliance.

COLD SERVICE UNITS (REFRIGERATED)

E CLEANING & MAINTENANCE

➤ **CLEANING AND MAINTENANCE AFTER EVERY USE**

- Always turn off the appliance and disconnect from the power supply before cleaning.
- Clean the outer surface of the appliance with moist cloth.
- Clean the inside of the appliance with moist cloth soapy cloth. Then clean it with wet cloth and dry. Wash the service units after every use.
- Pay attention the cleaning materials to be hygienic.
- Do not use abrasive cleaning chemicals as these can leave harmful residues.
- Do not clean the appliance by spraying water directly ,otherwise electric motor may get damaged.

➤ **PERIODIC CLEANING AND MAINTENANCE**

- Maintenance should be done by qualified person.
- Clean the top shelf glass group with moist cloth according to frequency of use.
- Clean the upper lighting lamp with dry cloth in periodic times.
- Check the fan in periodic times and clean it.
- Clean the condenser at motor with a plastic rigid brush once in a month.

COLD SERVICE UNITS (REFRIGERATED)

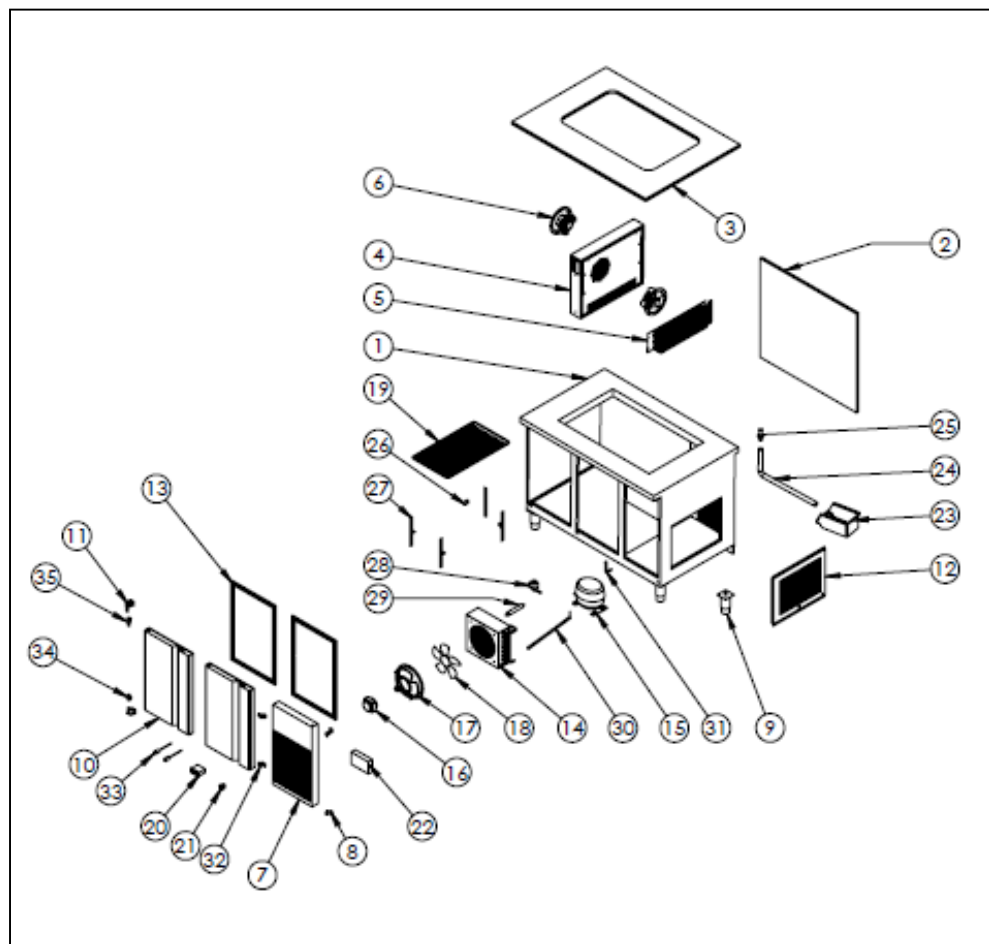
F TROUBLESHOOTING

THE APPLIANCE DOESN'T OPERATE	1. Check if the appliance is plugged in. 2. Check the electrical connections and voltage. 3. Check if the fuse is on or off.
THE APPLIANCE IS NOISY	1. Check the motor. 2. If the connection pipes contact with compressor,remove it.
THE APPLIANCE STOPPED	1. The appliance can stop due to low voltage.In this situation check the voltage. 2. If there is any leakage current at electric connections,the appliance stops.In this situation call the authorized service.
INNER TEMPERATURE IS TOO HIGH	1. Clean the condenser. 2. Check the air conditioning. 3. If the hot material is placed to cabinet,take it off. 4. If the door is left opened,close it.
• If cooling is not done at suitable quality • If any function of security doesn't work ➤ Do not use the appliance.	

***If these problems are still going on,contact with our authorized services.**

COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS



SAE125

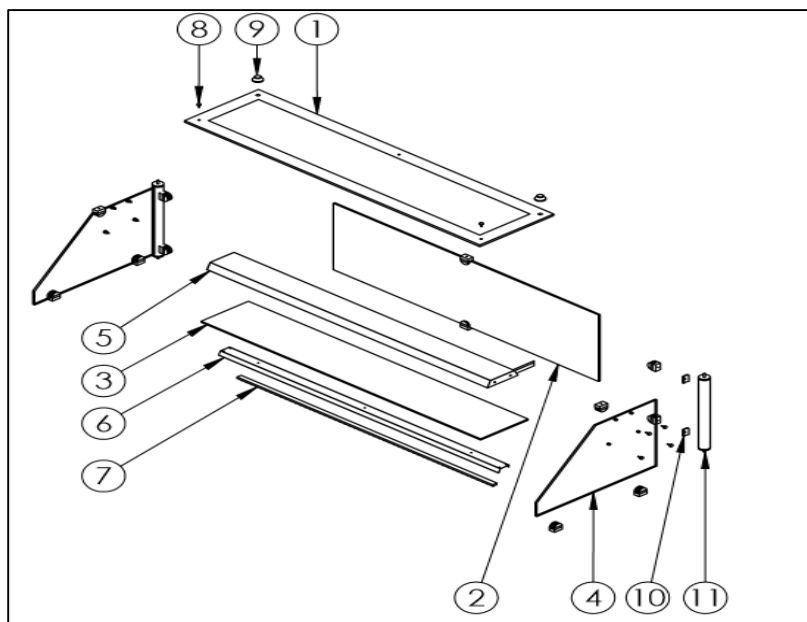
COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS

PRODUCT CODE: SAE125		
NO	PRODUCT NAME	P.CODE
1	BASE FRAME	Y.BSS125.1001
2	FRONT WOODEN	Y.BSS125.1002
3	GRANIT	Y.BSS125.1003
4	CHIMNEY HOOD	Y.BSS125.1004
5	EVAP COOLER	Y.BSS125.1005
6	EVAP FAN	Y.BSS125.1006
7	SHUTTER DOOR	Y.BSS125.1007
8	SHUTTER HINGE GROUP	Y.BSS125.1008
9	FEET	Y.BSS125.1009
10	LID	Y.BSS125.1010
11	HINGE GROUP	Y.BSS125.1011
12	SIDE SHUTTER	Y.BSS125.1012
13	GASKET	Y.BSS125.1013
14	CONDENSER	Y.BSS125.1014
15	MOTOR	Y.BSS125.1015
16	CONDENSER FAN MOTOR	Y.BSS125.1016
17	FAN CIRCLE PLASTIC	Y.BSS125.1017
18	FAN WING	Y.BSS125.1018
19	SHELF	Y.BSS125.1019
20	THERMOSTAT	Y.BSS125.1020
21	SWITCH DOUBLE (ON-OFF)	Y.BSS125.1021
22	LED TRANSFORMER	Y.BSS125.1022
23	VAPOR CUP	Y.BSS125.1023
24	OUTLET HOSE	Y.BSS125.1024
25	OUTLET PLASTIC	Y.BSS125.1025
26	SHELF HOLDER	Y.BSS125.1026
27	SHELF FIXING	Y.BSS125.1027
28	SELENOID VALVE	Y.BSS125.1028
29	DRAINER	Y.BSS125.1029
30	CAPILLARY COPPER PIPE	Y.BSS125.1030
31	SERVICE PIPE	Y.BSS125.1031
32	SHUTTER HOLDER PLASTIC	Y.BSS125.1032
33	PROBE	Y.BSS125.1033
34	LID BOTTOM PLASTIC	Y.BSS125.1034
35	LID TOP PLASTIC	Y.BSS125.1035

COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS

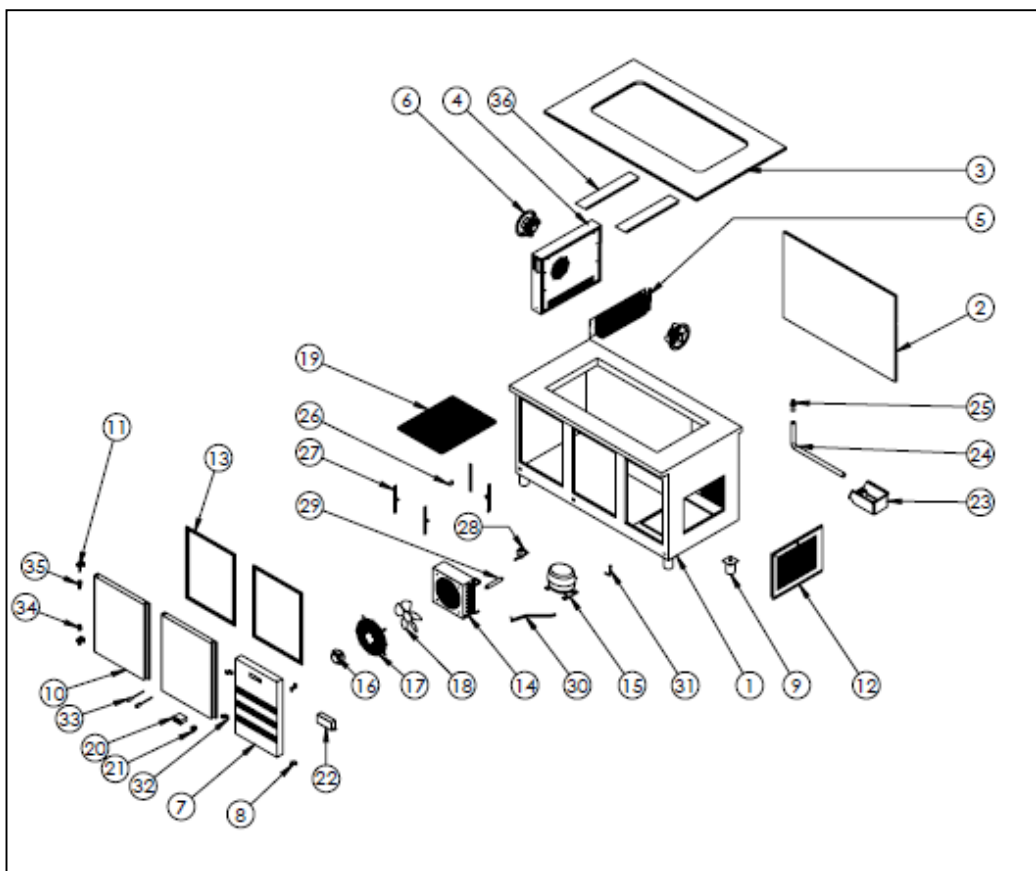


PRODUCT CODE: BSS125. USC.T		
NO	PRODUCT NAME	P.CODE
1	TOP GLASS	Y.BSS125. USC.T.1001
2	FRONT GLASS	Y.BSS125. USC.T.1002
3	GLASS SHELF	Y.BSS125. USC.T.1003
4	SIDE GLASS	Y.BSS125. USC.T.1004
5	TOP LAMP HOLDER	Y.BSS125. USC.T.1005
6	SHELF LAMP HOLDER	Y.BSS125. USC.T.1006
7	LED	Y.BSS125. USC.T.1007
8	SCREW LID	Y.BSS125. USC.T.1008
9	PIPE LID	Y.BSS125. USC.T.1009
10	GLASS HOLDER	Y.BSS125. USC.T.1010
11	PIPE	Y.BSS125. USC.T.1011

BSS125 – TOP GLASS SHELF GROUP

COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS



SAE150

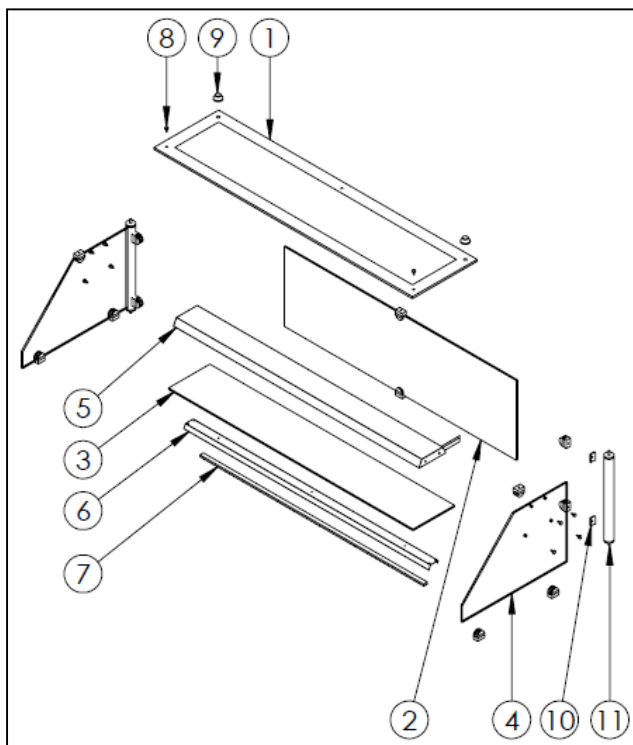
COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS

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2	FRONT WOODEN	Y.BSS150.1002
3	GRANIT	Y.BSS150.1003
4	CHIMNEY HOOD	Y.BSS150.1004
5	EVAP COOLER	Y.BSS150.1005
6	EVAP FAN	Y.BSS150.1006
7	SHUTTER DOOR	Y.BSS150.1007
8	SHUTTER HINGE GROUP	Y.BSS150.1008
9	FEET	Y.BSS150.1009
10	LID	Y.BSS150.1010
11	HINGE GROUP	Y.BSS150.1011
12	SIDE SHUTTER	Y.BSS150.1012
13	GASKET	Y.BSS150.1013
14	CONDENSER	Y.BSS150.1014
15	MOTOR	Y.BSS150.1015
16	CONDENSER FAN MOTOR	Y.BSS150.1016
17	FAN CIRCLE WIRE	Y.BSS150.1017
18	FAN WING	Y.BSS150.1018
19	SHELF	Y.BSS150.1019
20	THERMOSTAT	Y.BSS150.1020
21	SWITCH DOUBLE (ON-OFF)	Y.BSS150.1021
22	LED TRANSFORMER	Y.BSS150.1022
23	VAPOR CUP	Y.BSS150.1023
24	OUTLET HOSE	Y.BSS150.1024
25	OUTLET PLASTIC	Y.BSS150.1025
26	SHELF HOLDER	Y.BSS150.1026
27	SHELF FIXING	Y.BSS150.1027
28	SELENOID VALVE	Y.BSS150.1028
29	DRAINER	Y.BSS150.1029
30	CAPILLARY COPPER PIPE	Y.BSS150.1030
31	SERVICE PIPE	Y.BSS150.1031
32	SHUTTER HOLDER PLASTIC	Y.BSS150.1032
33	PROBE	Y.BSS150.1033
34	LID BOTTOM PLASTIC	Y.BSS150.1034
35	LID TOP PLASTIC	Y.BSS150.1035
36	VESSEL SHEETMETAL	Y.BSS150.1036

COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS



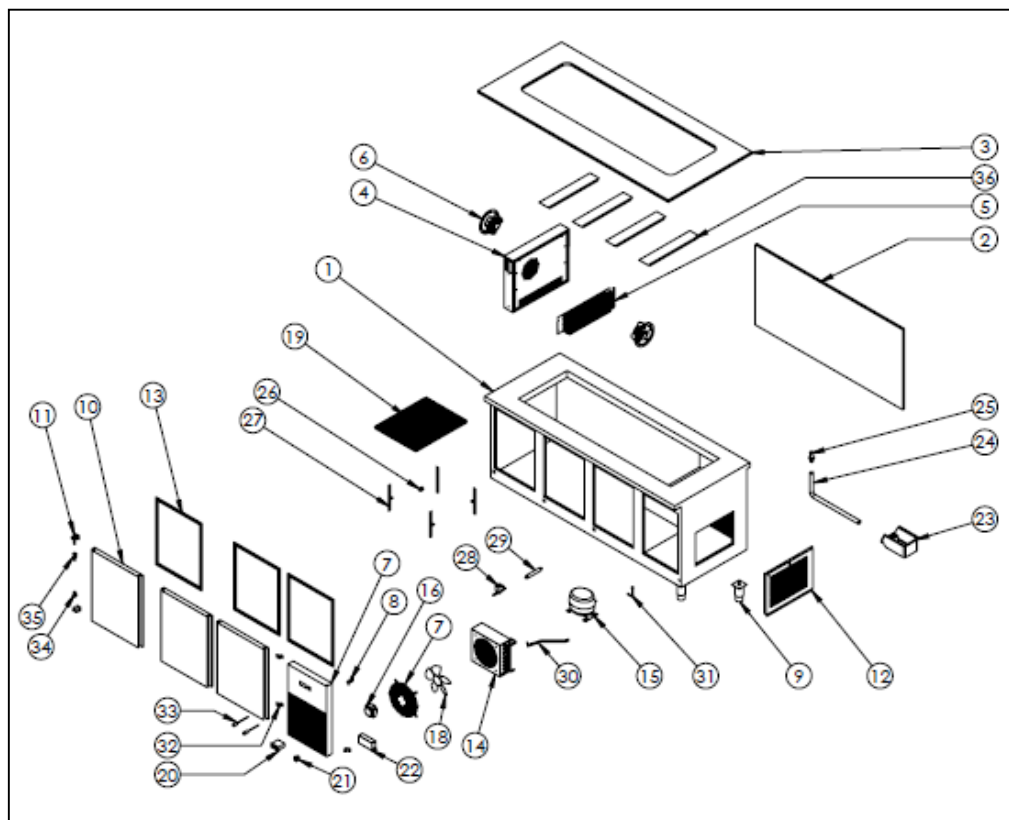
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NO	PRODUCT NAME	P.CODE
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2	FRONT GLASS	Y.BSS150.USC.T.1002
3	GLASS SHELF	Y.BSS150.USC.T.1003
4	SIDE GLASS	Y.BSS150.USC.T.1004
5	TOP LAMP HOLDER	Y.BSS150.USC.T.1005
6	SHELF LAMP HOLDER	Y.BSS150.USC.T.1006
7	LED	Y.BSS150.USC.T.1007
8	SCREW LID	Y.BSS150.USC.T.1008
9	PIPE LID	Y.BSS150.USC.T.1009
10	GLASS HOLDER	Y.BSS150.USC.T.1010
11	PIPE	Y.BSS150.USC.T.1011

BSS150 – TOP GLASS SHELF GROUP

COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS



SAE200

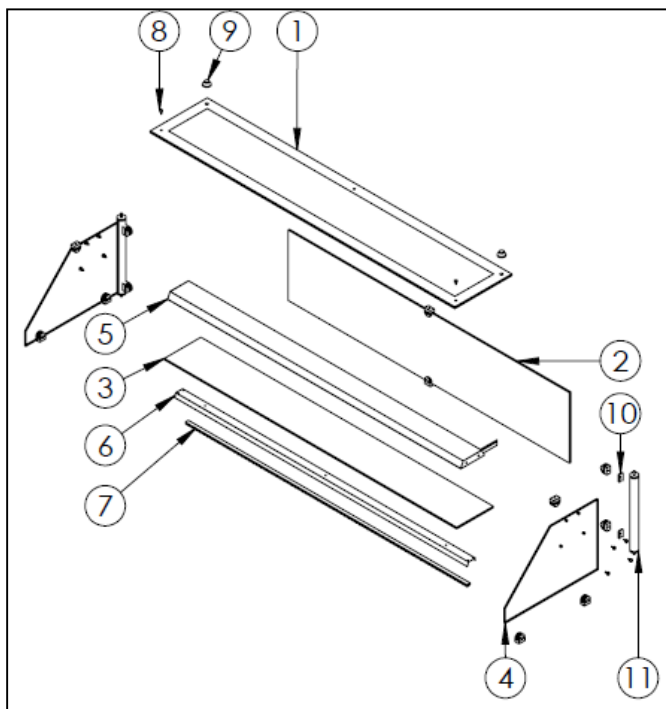
COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS

PRODUCT CODE: SAE200		
NO	PRODUCT NAME	P.CODE
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2	FRONT WOODEN	Y.BSS200.1002
3	GRANIT	Y.BSS200.1003
4	CHIMNEY HOOD	Y.BSS200.1004
5	EVAP COOLER	Y.BSS200.1005
6	EVAP FAN	Y.BSS200.1006
7	SHUTTER DOOR	Y.BSS200.1007
8	SHUTTER HINGE GROUP	Y.BSS200.1008
9	FEET	Y.BSS200.1009
10	LID	Y.BSS200.1010
11	HINGE GROUP	Y.BSS200.1011
12	SIDE SHUTTER	Y.BSS200.1012
13	GASKET	Y.BSS200.1013
14	CONDENSER	Y.BSS200.1014
15	MOTOR	Y.BSS200.1015
16	CONDENSER FAN MOTOR	Y.BSS200.1016
17	FAN CIRCLE WIRE	Y.BSS200.1017
18	FAN WING	Y.BSS200.1018
19	SHELF	Y.BSS200.1019
20	THERMOSTAT	Y.BSS200.1020
21	SWITCH DOUBLE (ON-OFF)	Y.BSS200.1021
22	LED TRANSFORMER	Y.BSS200.1022
23	VAPOR CUP	Y.BSS200.1023
24	OUTLET HOSE	Y.BSS200.1024
25	OUTLET PLASTIC	Y.BSS200.1025
26	SHELF HOLDER	Y.BSS200.1026
27	SHELF FIXING	Y.BSS200.1027
28	SELENOID VALVE	Y.BSS200.1028
29	DRAINER	Y.BSS200.1029
30	CAPILLARY COPPER PIPE	Y.BSS200.1030
31	SERVICE PIPE	Y.BSS200.1031
32	SHUTTER HOLDER PLASTIC	Y.BSS200.1032
33	PROBE	Y.BSS200.1033
34	LID BOTTOM PLASTIC	Y.BSS200.1034
35	LID TOP PLASTIC	Y.BSS200.1035
36	VESSEL SHEETMETAL	Y.BSS200.1036

COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS



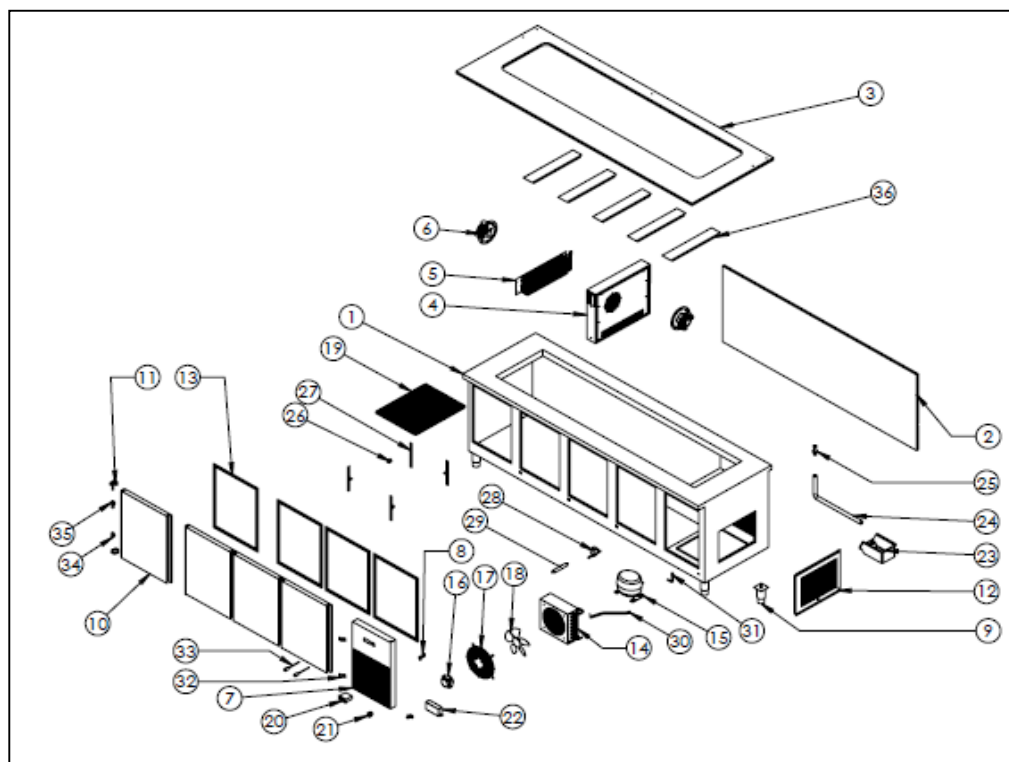
PRODUCT CODE: BSS200.USC.T

NO	PRODUCT NAME	P.CODE
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2	FRONT GLASS	Y.BSS200.USC.T.1002
3	GLASS SHELF	Y.BSS200.USC.T.1003
4	SIDE GLASS	Y.BSS200.USC.T.1004
5	TOP LAMP HOLDER	Y.BSS200.USC.T.1005
6	SHELF LAMP HOLDER	Y.BSS200.USC.T.1006
7	LED	Y.BSS200.USC.T.1007
8	SCREW LID	Y.BSS200.USC.T.1008
9	PIPE LID	Y.BSS200.USC.T.1009
10	GLASS HOLDER	Y.BSS200.USC.T.1010
11	PIPE	Y.BSS200.USC.T.1011

BSS200 - TOP GLASS SHELF GROUP

COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS



SAE255

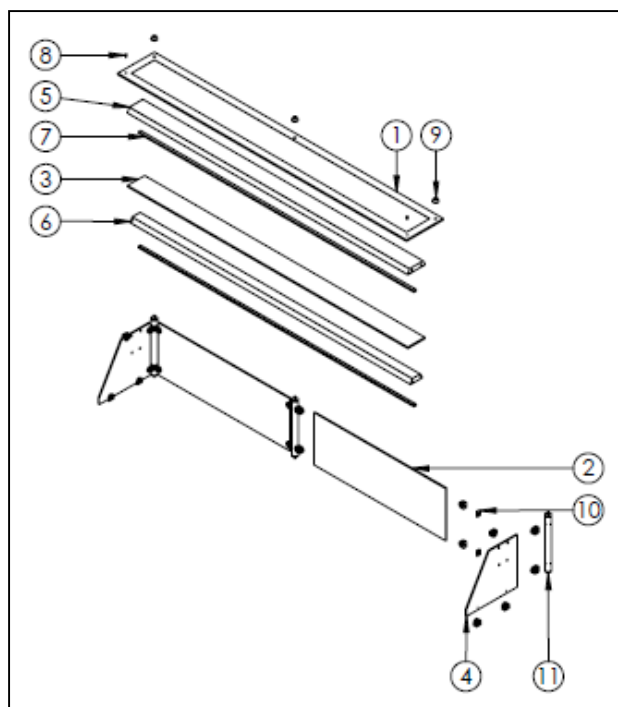
COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS

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2	FRONT WOODEN	Y.BSS255.1002
3	GRANIT	Y.BSS255.1003
4	CHIMNEY HOOD	Y.BSS255.1004
5	EVAP COOLER	Y.BSS255.1005
6	EVAP FAN	Y.BSS255.1006
7	SHUTTER DOOR	Y.BSS255.1007
8	SHUTTER HINGE GROUP	Y.BSS255.1008
9	FEET	Y.BSS255.1009
10	LID	Y.BSS255.1010
11	HINGE GROUP	Y.BSS255.1011
12	SIDE SHUTTER	Y.BSS255.1012
13	GASKET	Y.BSS255.1013
14	CONDENSER	Y.BSS255.1014
15	MOTOR	Y.BSS255.1015
16	CONDENSER FAN MOTOR	Y.BSS255.1016
17	FAN CIRCLE WIRE	Y.BSS255.1017
18	FAN WING	Y.BSS255.1018
19	SHELF	Y.BSS255.1019
20	THERMOSTAT	Y.BSS255.1020
21	SWITCH DOUBLE (ON-OFF)	Y.BSS255.1021
22	LED TRANSFORMER	Y.BSS255.1022
23	VAPOR CUP	Y.BSS255.1023
24	OUTLET HOSE	Y.BSS255.1024
25	OUTLET PLASTIC	Y.BSS255.1025
26	SHELF HOLDER	Y.BSS255.1026
27	SHELF FIXING	Y.BSS255.1027
28	SELENOID VALVE	Y.BSS255.1028
29	DRAINER	Y.BSS255.1029
30	CAPILLARY COPPER PIPE	Y.BSS255.1030
31	SERVICE PIPE	Y.BSS255.1031
32	SHUTTER HOLDER PLASTIC	Y.BSS255.1032
33	PROBE	Y.BSS255.1033
34	LID BOTTOM PLASTIC	Y.BSS255.1034
35	LID TOP PLASTIC	Y.BSS255.1035
36	VESSEL SHEETMETAL	Y.BSS255.1036

COLD SERVICE UNITS (REFRIGERATED)

G SPARE PART LIST- EXPLODING DRAWINGS



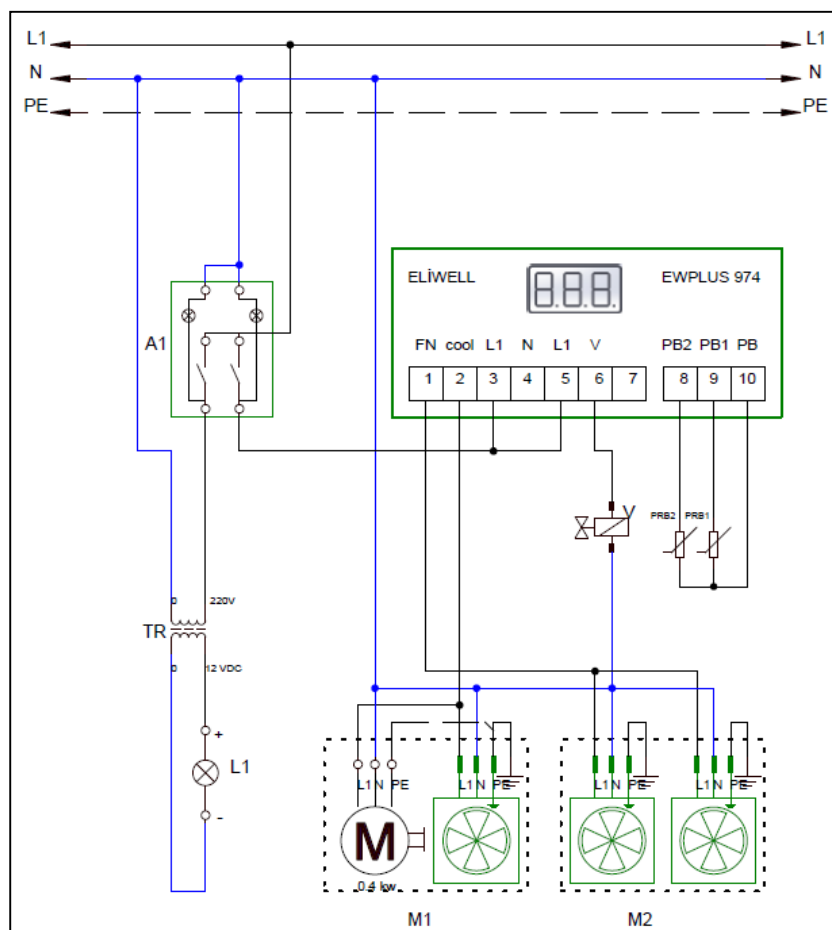
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NO	PRODUCT NAME	P.CODE
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2	FRONT GLASS	Y.BSS255.U.S.C.T.1002
3	GLASS SHELF	Y.BSS255.U.S.C.T.1003
4	SIDE GLASS	Y.BSS255.U.S.C.T.1004
5	TOP LAMP HOLDER	Y.BSS255.U.S.C.T.1005
6	SHELF LAMP HOLDER	Y.BSS255.U.S.C.T.1006
7	LED	Y.BSS255.U.S.C.T.1007
8	SCREW LID	Y.BSS255.U.S.C.T.1008
9	PIPE LID	Y.BSS255.U.S.C.T.1009
10	GLASS HOLDER	Y.BSS255.U.S.C.T.1010
11	PIPE	Y.BSS255.U.S.C.T.1011

BSS255 – TOP GLASS SHELF GROUP

COLD SERVICE UNITS (REFRIGERATED)

H ELECTRIC CIRCUIT SCHEMA

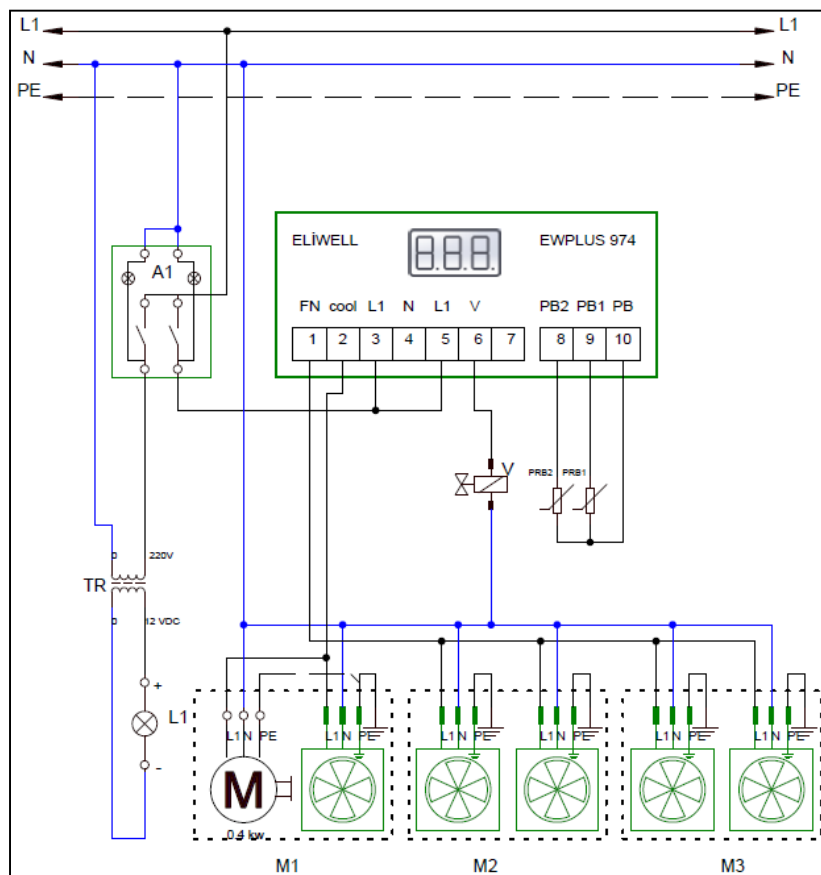


SAE125 150 200

V	A1	M1	M2	T	L1	TR
Valve	Large lighted double 0-1 switch	Compressor and condenser fan	Refrigerator inner circulation fan	Digital indicator	Lighting Led	Lamp Transformer

COLD SERVICE UNITS (REFRIGERATED)

H ELECTRIC CIRCUIT SCHEMA



SAE255

V	A1	M1	M2-M3	T	L1	TR
Valve	Large lighted double 0-1 switch	Compressor and condenser fan	Refrigerator inner circulation fan	Digital indicator	Lighting Led	Lamp Transformer