



TRILOGY 1300 - 1500 VETRINA GELATO

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DEAR CUSTOMER

For the safety of the operator, the display cabinet devices must be kept efficient. The aim of this manual is to explain use and maintenance of the display cabinet. The operator is responsible for ensuring that instructions are followed. No other use of the display cabinet is allowed other than that indicated in this manual.

1 STANDARDS AND REGULATIONS

1.1 Warranty:

The validity of the warranty is certified by the purchase receipt and the label attached to the tag on the product stating the bar and alphanumeric codes. This documentation must be kept in a safe place and must be stated or shown if requests for interventions are made whilst under guarantee. The warranty does not cover any damage caused during transport by third parties, by incorrect installation and maintenance, by negligence or carelessness of use and tampering by third parties. To obtain a technical intervention under guarantee, a written request must be sent to the Sales Direction or to the nearest dealer.

Clabo Group at their own discretion will decide whether to repair or replace the component or the entire appliance.

Clabo Group rule out any further responsibility also regarding direct and/or indirect damage. If the display cabinet is replaced the warranty period is not renewed or prolonged.

1.2 Environmental notes:

- Packaging

Do not throw away the packaging but separate the different types of material (cardboard, wood, steel, polyester etc.) and dispose of them in compliance with the regulations in force in the country where the display cabinet is to be used.

- Display cabinet out of service

At the end of the display cabinet's life span:

- Remove the refrigerant from the display cabinet refrigerant circuit.
- Empty all oil and remove all rubber parts (e.g. O-ring, gaskets)
- The display cabinet must be sent for destruction.



IMPORTANT INFORMATION FOR USERS ACCORDING TO ART.13 LEGISLATIVE DECREE JULY 25, NO. 151 "ACCOMPLISHMENT OF DIRECTIVES 2002/98/CE, 2002/90/CE AND 2003/108/CE, CONCERNING THE REDUCTION OF THE USE OF DANGEROUS SUBSTANCES IN ELECTRIC AND ELECTRONIC EQUIPMENT, AS WELL AS THE WASTE DISPOSAL".

The sign of the crossed bin on the equipment or on its packing indicates that the product must be gathered separate from other waste at the end of its life. The equipment waste disposal must be accomplished using the RAEE waste disposal centres specifically authorized. Users can contact their jobber/distributor/producer for information. The correct separate collection and subsequent recycling, treatment and the environment-friendly disposal of the equipment helps to prevent possible negative effects on the environment as well as health problems and promotes the re-employment and/or recycling of the equipment components. The product disposal without respecting the law implies the enforcement of administrative sanctions provided for by the rule in force.

1.1 Identification:

When communicating with the manufacturer or the assistance centres always quote the MATRICULATION NUMBER of the display cabinet, which is situated on the plate fixed to the rear (operator's side) of the counter (fig.1).

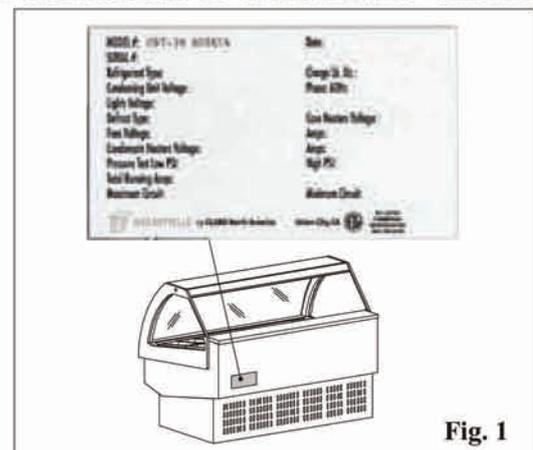


Fig. 1

2 INSTALLATION



This product must be installed by qualified personnel.

2.1 **Lifting and Movement:**

The product is to be lifted by a transport vehicle using transport pallets, in the following manner:

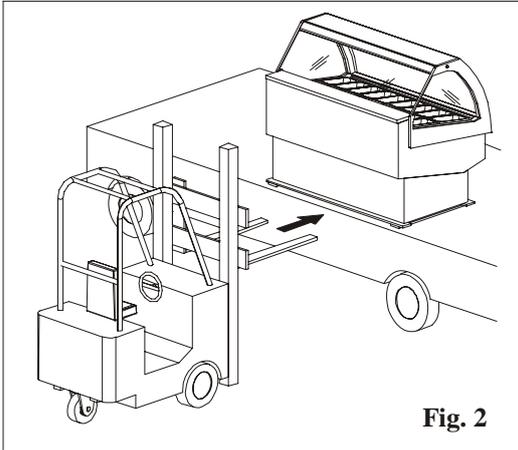


Fig. 2

- Position the forks at the level of the vehicle (e.g. lorry).
- Move forward with the transport pallet so as to insert the forks under the cabinet.
- Ensure that the cabinet is perfectly balanced on the forks before lifting it (fig.2).

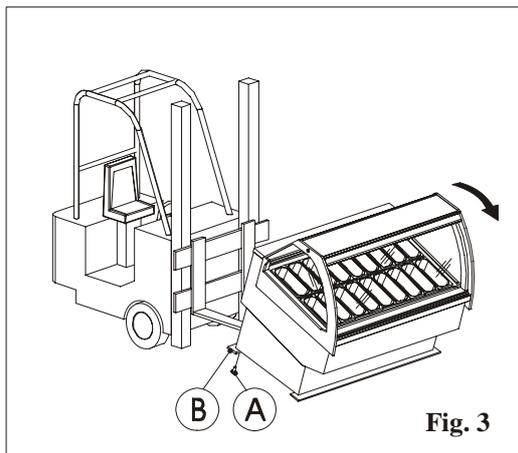


Fig. 3

- Position the cabinet on the ground.
- Lift the cabinet using the pallets as shown in figure 3.
- Unscrew the screws that anchor the lists to the base (fig.3 pos. A) and remove the base (fig.3 pos. B).

Proceed in the same way to remove the other base.

The cabinet must be moved manually when on the ground.

2.2 **Positioning:**

Please carry out the following operations to ensure correct positioning:

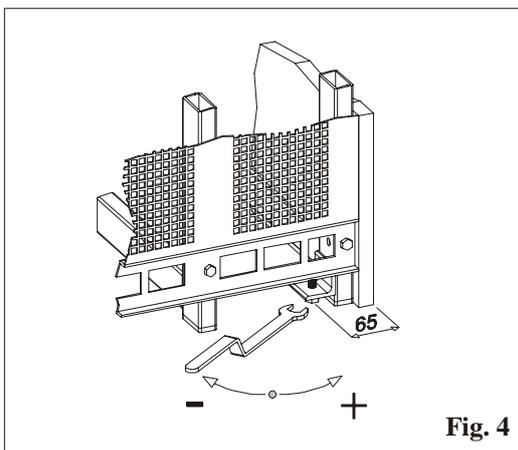


Fig. 4

- Position the display cabinet leaving enough space for use and maintenance in safe conditions as envisioned by the UNIEN 292/2 Standard point 6.2.1 and in paragraph 2.6
- Check that there is a suitable earth plant present envisioned by European Standards.
- Once positioned in the desired area, make the display cabinet level using the adjustable feet (fig. 4).

2.3 Environmental Specifications:

When positioning the display cabinet remember to consider that its correct operational activity is guaranteed in temperature conditions of $< 30^{\circ}\text{C}$ and relative humidity of $< 55\%$.

Please also ensure that:

- There is sufficient air circulation around the cabinet but no strong currents;
- The cabinet is not near any sources of hot air;
- It is not exposed to direct sunlight;
- The grills for the passage of the cooling air for the condenser are not obstructed (fig.5 pos. A);
- The air conditioning or heating in the environment where the cabinet is positioned is not focused directly on the cabinet.

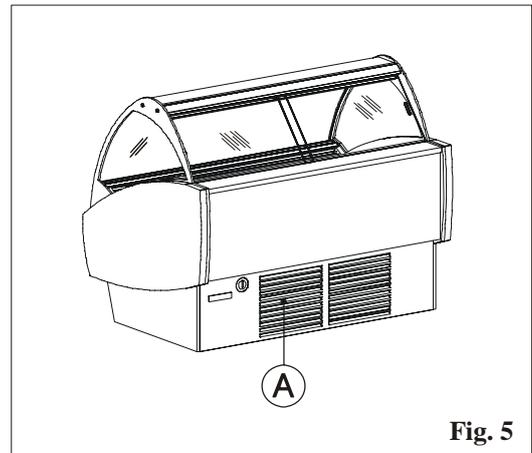


Fig. 5

It is essential to respect the aforementioned conditions in order to avoid malfunctions, which will not be covered by guarantee.

2.4 Canalizzazione:

Before carrying out channelling check that the display cabinets are all at the same height by adjusting the relevant feet and check that they are perfectly level horizontally.

To channel the display cabinet, proceed as follows (fig. 6):

- insert pin A and block it using locking pin B;
- screw the E peg;
- introduce the F and L plates and fix them through the dowels;
- place the showcases side by side, till the E peg already screwed in the showcase, and the F plate are perfectly introduced into the other showcase's seatings, after screwing the other dowel first;
- introduce the C plate into the corresponding seating and block it with the D screw;
- insert the crystal partition G into the relevant seat;

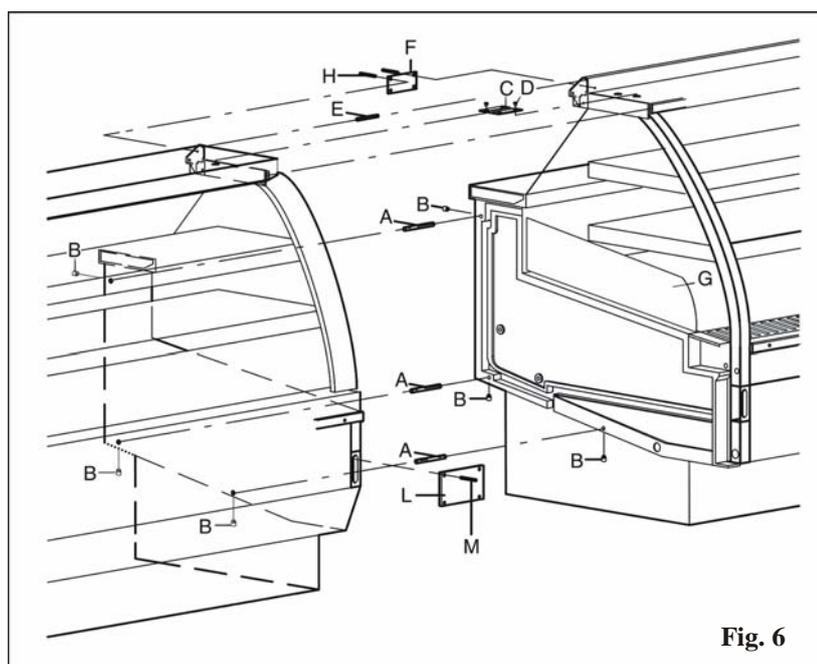


Fig. 6

2.5 Montaggio spalla estetica:

To assemble the aesthetic shoulder on the showcase's structure proceed as follows:

- fix the aesthetic shoulder (A) on the technical shoulder (B) through the corresponding screws (G).
- fix the side support plate (E) on the base through the corresponding screws (F);
- fix the shoulder on the tank;
- pair the inferior element (D) with the inferior shoulder (C) by silicon or bostic and fix all on the support plate (F) through the screws (H).

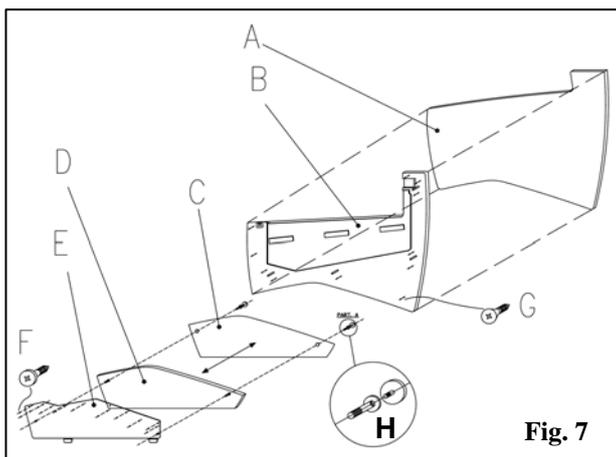


Fig. 7

2.6 Hydraulic connection:

For the display cabinets with water-cooled condenser the inlet and outlet pipes must be connected to the mains water system. The inlet pipe can be recognised as it is covered by heat insulation.

ATTENTION! Before using the display cabinet make sure taps are open and that water flows regularly (fig. 8).

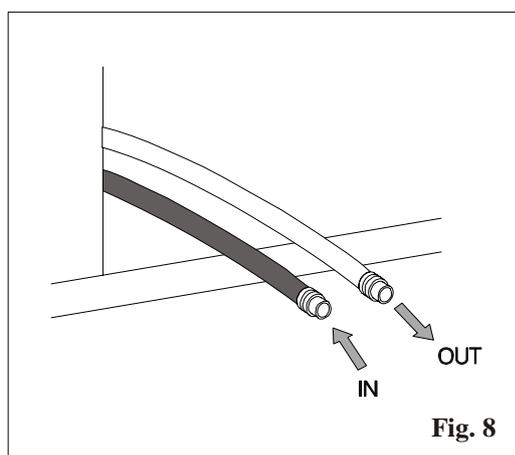


Fig. 8

2.7 Electrical Connection:

Before installation, check that a suitable earth plant is present as envisioned by the regulations in force in the country of sale. Check that the mains voltage is compatible with the features stated on the plate positioned on the operator side of the display cabinet (see fig. 1 page 3). Also check that the line upstream from the display cabinet is appropriately dimensioned to support the load of the display cabinet itself.

ATTENTION! Voltage fluctuation above 10% of the nominal voltage stated on the plate can cause permanent damage to the compressor and other electro-mechanical equipment. In this case they are not covered by the warranty.

Respect national regulations for electrical installations.

Position the master switch in the OFF position.

The display cabinet is supplied with a 5-wire cable;

Yellow-green = Earth

Blue = Neutral

Brown = Phase 1

Grey = Phase 2

Black = Phase 3

ATTENTION! Never cut or remove the yellow-green cable mentioned above.

The five power supply wires must be connected to the back-bone network, which has a safe efficient earth system, in compliance with national and local regulations (where present) regarding electrical installations and suitable for the electric absorption of the display cabinet, refer to chapter 6 – Total Absorbed Power.

ATTENTION! The electrical connection to the mains must be made using the five wires supplied. Moreover, the central plant to which the display cabinet is connected must have a switch with contact opening of at least 3 mm protected by fuses.

ATTENTION! Apply a suitable method of fixing to the power supply cable on the connection box, making reference to the table shown below.

NOMINAL CURRENT OF THE APPLIANCE [A]	NOMINAL SECTION [mm ²]	
	FLEXIBLE CABLES [mm ²]	CABLES FOR EARTHING [mm ²]
3	0,5 ÷ 0,75	1 ÷ 2,5
3 ÷ 6	0,75 ÷ 1	1 ÷ 2,5
6 ÷ 10	1 ÷ 1,5	1 ÷ 2,5
10 ÷ 16	1,5 ÷ 2,5	1,5 ÷ 4
16 ÷ 25	2,5 ÷ 4	2,5 ÷ 6
25 ÷ 32	4 ÷ 6	4 ÷ 10
32 ÷ 40	6 ÷ 10	6 ÷ 16
40 ÷ 63	10 ÷ 16	10 ÷ 25

3 FUNCTIONING

3.1 Start-up:

- 1) Activate the mains master switch.
- 2) Activate the display cabinet master switch, which is found on the rear protection panel. To introduce the electric power supply to the display cabinet, place the master switch at position "1" (fig. 9 pos. A).

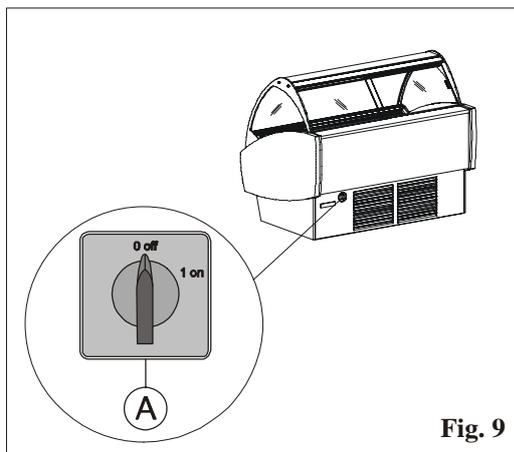


Fig. 9

3.2 Command Console:

The refrigerating plant of the display cabinet is controlled by means of an electronic console. The electronic console consists of:

- 1) Keyboard
- 2) Control board

3.3 Keyboard



T640: horizontal keyboard with 6 keys (185x38mm).

-  To visualise or change the set point. When programming this button is used to select a parameter or to confirm a value.
-  This button is used during programming for going through the parameter codes or for increasing their value.
 If pressed and then released you will visualise the controlled section (LOC, SE2, ALL).
 If pressed continually for 3 seconds this button allows you to gain access to the sections menu.
-  This button is used during programming for going through the parameter codes or decreasing their value.
-  Keep this button pressed for 3 seconds to start the manual defrosting cycle.
-  Use this button to turn the display cabinet lights on and off.
-  Turn the instrument on and off.

3.4 The meaning of the leds

There are a series of luminous points on the display, the meaning of which you will find in the table below:

LED	MODE	Function
	ON	Compressor on
	FLASHING	Programming phase (flashing with LED )
	ON	Ventilator and evaporator active
	FLASHING	Programming phase (flashing with LED )
	ON	Defrosting active
	FLASHING	Dripping time underway
	ON	Keyboard in "ALL" mode
	FLASHING	Keyboard in RVD mode (remote control)
	ON	ALARM SIGNAL - In the "Pr2" programme it indicates that the parameter is also present in "Pr1"

3.5 How to visualise and change the set point



1. Press the SET key and release it to see the set point: you will visualise the set point immediately.
2. To change the set point press the SET key and keep it pressed for 3 seconds: the led will flash  ;
3. To change the value activate  and .
4. To memorise the new set point, press the SET key or wait 15 seconds to exit the programming feature.

*N.B. It is very important to bear in mind that the optimal air temperature varies considerably with the variation of the composition of the ice-cream (in particular the percentages of sugars and fats).
Before placing the ice-cream in the display cabinet you should wait about 45 minutes from the start-up of refrigeration in order to allow the plant to reach its set functioning temperature.*

3.6 How to set up a manual defrosting cycle



1. Press the DEF key and keep it pressed for more than 2 seconds.

3.7 The ON/OFF Function



By pressing the **ON/OFF** key the instrument will show "OFF".

In this configuration the loads of all of the regulations will be deactivated. To turn the instrument back ON press the **ON/OFF** key again.

The OFF condition allows for the exclusion of the instrument from monitoring without generating any type of alarm.

N.B. The LIGHT key remains active in the OFF position.

3.8 Local Alarms

MESSAGE	CAUSE	STATE OF OUTPUTS
“ P1 ”	Thermostat probe failure	Output according to “ Con “ and “ COF “ parameters
“ P2 “	Evaporator probe failure	Unchanged
“ P3 ”	Auxiliary probe failure	Unchanged
“ HA “	High temperature alarm	Unchanged
“ LA “	Low temperature alarm	Unchanged
“ EE ”	Memory anomaly	
“ EAL “	Digital input alarm	Unchanged
“ BAL ”	Blockage alarm from digital input	Regulation outputs deactivated
“ rtc “	Clock alarm	Unchanged
“ rtF “	Clock alarm failure / not present	Alarm output active, other outputs unchanged.

3.9 Automatic defrosting

The display cabinet is complete with an automatic “warm gas” defrosting system that allows for rapid elimination of ice formations on the evaporator fins. The automatic defrosting process is set in the standard configuration every 8 hours.

3.10 Functioning with differentiated and reserve sector

In this configuration the ice-cream display cabinet and the differentiated / reserve sector are controlled with a single keyboard. The luminous red coloured led that appears on the display on the left at the top indicates the section in which it is located, according to the following table:

	ON	Keyboard in “ALL” mode
	OFF	Keyboard in “LOC” mode (ICE-CREAM MACHINE)
	FLASHING	Keyboard in RVD mode (DIFFERENTIATED / RESERVE SECTOR)

Please follow the instructions below to change sections:

1. To change the section press this key for 3 seconds ▲ .
2. You will see the message corresponding to the current keyboard programming (LOC, SE2, ALL).
3. Select the selection that you wish (LOC, SE2, ALL) using the ▲ and ▼ keys.
4. Press the SET key to confirm and wait 15 seconds before exiting the programming mode.



The messages that appear on the display are as follows:

LOC: The keyboard shows the temperature values measured, the state of the outputs and the alarms of the section to which it is connected (Default: ice-cream machine section). All of the commands given by the keyboard will be carried out by the local section only (Default: ice-cream machine section).

To see the set point of the ice-cream machine section and change it you must therefore enter the local section (LOC) following the instructions outlined above and then follow the instructions given in paragraph 3.5;

SE2: The keyboard controls the section corresponding to number “2”(Default: SE2=differentiated / reserve sector) and shows the temperature values measured, the state of the outputs and the alarms of that section. All of the commands given by the keyboard will be carried out by that section only.

To see the set point of the differentiated / reserve sector and change it you must therefore enter the “SE2” section following the indications outlined above and then follow the instructions given in paragraph 3.5;

ALL: The keyboard shows the temperature values measured, the states of the outputs and the alarms of the section to which it is connected (ice-cream display cabinet), but the commands given by the keyboard will also be transferred to the other section (differentiated / reserve sector). “As2” will appear on the display in case of alarm, this indicates that the differentiated / reserve sector is in alarm mode. To see details of the type of alarm in question programme the keyboard in such a way that it assumes control of the differentiated / reserve sector.

N.B. To turn on or turn off the ice-cream machine sector and the differentiated / reserve sector at the same time enter the “ALL” section and activate the ON/OFF function. To turn the ice-cream machine section on or off or the differentiated / reserve section on or off, enter the relative section (LOC, SE2) and activate the ON/OFF function

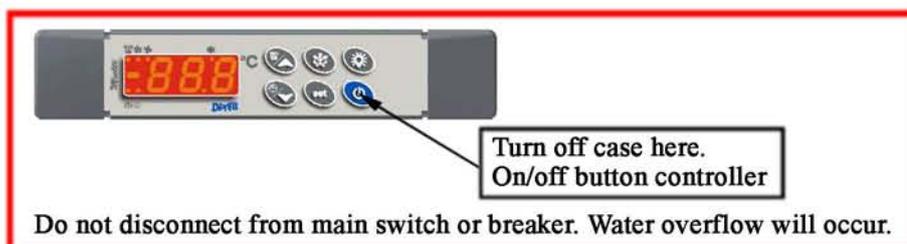
3.11 Stopping the Machine:

To stop the plant act on switch (A), which is found behind the rear protection panel. Position the master switch at “0” (fig. 9 pos. A) disconnecting the display cabinet power supply.

4 MAINTENANCE

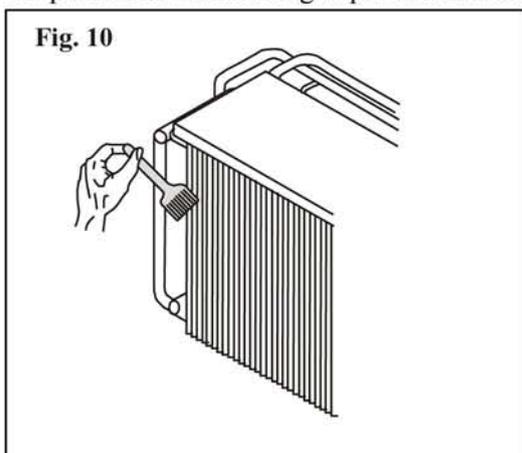
4.1 Preliminary Operations:

Before carrying out any maintenance or cleaning the electric power supply must be disconnected by deactivating the plant master switch regarding the room where the display cabinet is positioned.



4.2 Cleaning the condenser:

The deposit of dust and dirt in general on the condenser fins (air) reduces the efficiency of the plant until functioning is prevented and causing damage to the compressor. It is therefore absolutely necessary to periodically clean the condenser (every 20-30 days) as indicated below:



absolutely necessary to periodically clean the condenser (every 20-30 days) as indicated below:

- Disconnect the electric power supply;
- Remove the rear metal grid;
- Remove the dust and dirt present on the condenser fins using a brush or suction device (fig. 10)
- Do not use stiff or metal objects to clean the condenser as they could damage it.

4.3 Periodical defrosting:

For optimal functioning of the display cabinet, it is recommended to perform prolonged defrosting, shutting the display cabinet down for at least 12 hours, by deactivating the electric power supply switch (A) positioned on the rear protection panel of the display cabinet (fig. 9).

4.4 General Cleaning:

- **Steel surface:** Clean using a sponge or damp cloth, using water and neutral detergents, rinse and dry using a soft cloth.
- **Wooden surface:** Clean using a sponge or damp cloth, using water and neutral detergents, rinse and dry using a soft cloth.
- **Glass surface:** Clean using a sponge or damp cloth, using water and neutral detergents, rinse and dry using a soft cloth.

5 PRACTICAL TROUBLESHOOTING GUIDE

1) Temperature of the display area not low enough (i.e. ice cream too soft)

PROBABLE CAUSE	PROBABLE SOLUTION
Evaporator blocked by ice.	Defrost as indicated: <ul style="list-style-type: none"> - transfer the product from the display cabinet to a freezer at -20°C. - disconnect the main switch for 10/12 hours in a way to defrost the evaporator (point 4.3).
Condenser blocked by dust or other.	Clean the condenser as indicated in point 4.2 Remove everything that obstructs regular air flow to the condenser.
The fans do not function and/or their blades are damaged.	Request after-sales service for replacement
The display cabinet is exposed to air currents or direct sunlight	The display cabinet does not function in these conditions; remove the display cabinet from the air currents and/or direct sunlight
Thermostat does not function correctly. With refrigerant system functioning perfectly the thermostat maintains a higher temperature than that set.	Call the after-sales service.
There is no regular chilled air flow (the “blade of air”) on the ice cream.	Check the air circuit (fan area, area below the evaporator) and remove any obstructions to the circulation of cold air.
No water.	Check that there is flow of water; if so, call a technician due to possible breakage of the water valves or pressure switch or other causes.

2) The water formed by defrosting is not drained (i.e. the water obtained from melting ice during automatic or manual defrosting).

PROBABLE CAUSE	PROBABLE SOLUTION
The water drain pipe that goes from the cold tank to the tank in this water is conveyed (to be made to evaporate) is blocked.	Re-open the drain pipe
The display case is positioned inclined on the ground in a way that the water from defrosting does not go towards the outlet hole.	Level the display cabinet as described in point 2.2. It must be absolutely flat.

3) The compressor never stops or works for long periods of time.

PROBABLE CAUSE	PROBABLE SOLUTION
The room temperature is very high (e.g.: above +32°C).	If the room temperature cannot be lowered (e.g. with air conditioner) the compressor must work almost continuously.
Air condenser blocked.	Clean the condenser as indicated in point 4.2
The thermostat is fixed at a room temperature that is too low.	Adjust the thermostat to a higher temperature, as indicated in point 3.5
The fans are at a standstill.	Call the after-sales service to identify the cause and to replace them if necessary

4) The display cabinet does not work

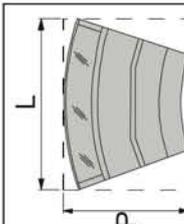
PROBABLE CAUSE	PROBABLE SOLUTION
The plug is not inserted into the socket.	Insert the plug (see point 2.6)
Any automatic switch tripped.	Re-insert the automatic switch.
Display cabinet master switch open.	Close the display cabinet master switch (see point 3.1)

5) The light does not work

PROBABLE CAUSE	PROBABLE SOLUTION
Light switch not closed.	Close the light switch
The fluorescent bulb is not inserted correctly into the socket.	Insert the bulb correctly.
The bulb has burned out.	Replace the bulb
The “starter” is finished.	Replace the “starter”

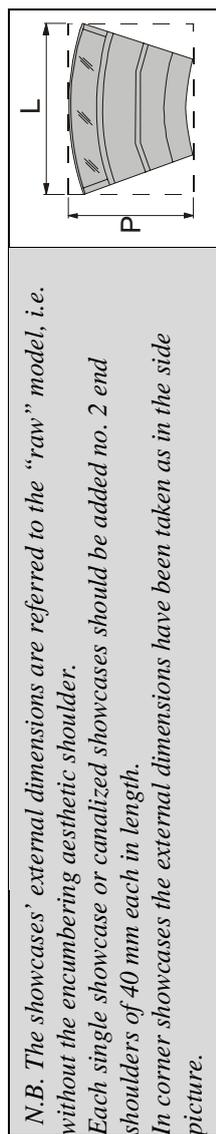
6 TECHNICAL DATA

MODELS	COMPRESSOR'S ABSORBED POWER [W]	TOTAL ABSORBED POWER [W]	ELECTRICAL POWER SUPPLY	REFRIGERATING GAS	OPERATING TEMPERATURE FROM THE AIR [°C]	DIMENSIONS			WEIGHT [Kg]
						L-mm	P-mm	H-mm	
TRILOGY 1300 G6	900	1400	230/3/60	R404a	-18/-20	1094	1215	1365	300
TRILOGY 1300 G9	1800	2500	230/3/60	R404a	-18/-20	1619	1215	1365	380
TRILOGY 1300 G12	1800	2700	230/3/60	R404a	-18/-20	2144	1215	1365	450
TRILOGY 1300 A30	1200	1900	230/3/60	R404a	-18/-20	1569	1262	1365	350
TRILOGY 1300 C30	900	1400	230/3/60	R404a	-28/-20	1597	1277	1365	350
TRILOGY 1300 A 45	1200	1800	230/3/60	R404a	-18/-20	1442	1253	1365	270
TRILOGY 1500 G6	900	1360	230/3/60	R404a	-18/-20	1094	1215	1500	320
TRILOGY 1500 G9	1800	2460	230/3/60	R404a	-18/-20	1619	1215	1500	400
TRILOGY 1500 G12	1800	2660	230/3/60	R404a	-18/-20	2144	1215	1500	470
TRILOGY 1500 A30	1200	1860	230/3/60	R404a	-18/-20	1569	1262	1500	370
TRILOGY 1500 C30	900	1370	230/3/60	R404a	-28/-20	1597	1277	1500	370
TRILOGY 1500 A 45	1200	1760	230/3/60	R404a	-18/-20	1442	1253	1500	290



N.B. Le dimensioni esterne delle vetrine riportate in tabella sono riferite al modello "grezzo" ossia senza l'ingombro della spalla estetica.
 A corredo di ogni singola vetrina o di vetrine canalizzate, aggiungere alla lunghezza la misura di n.2 spalle terminali di mm 40 ciascuna
 Nelle vetrine angolari le dimensioni esterne sono state prese come nel disegno riportato qui di fianco.

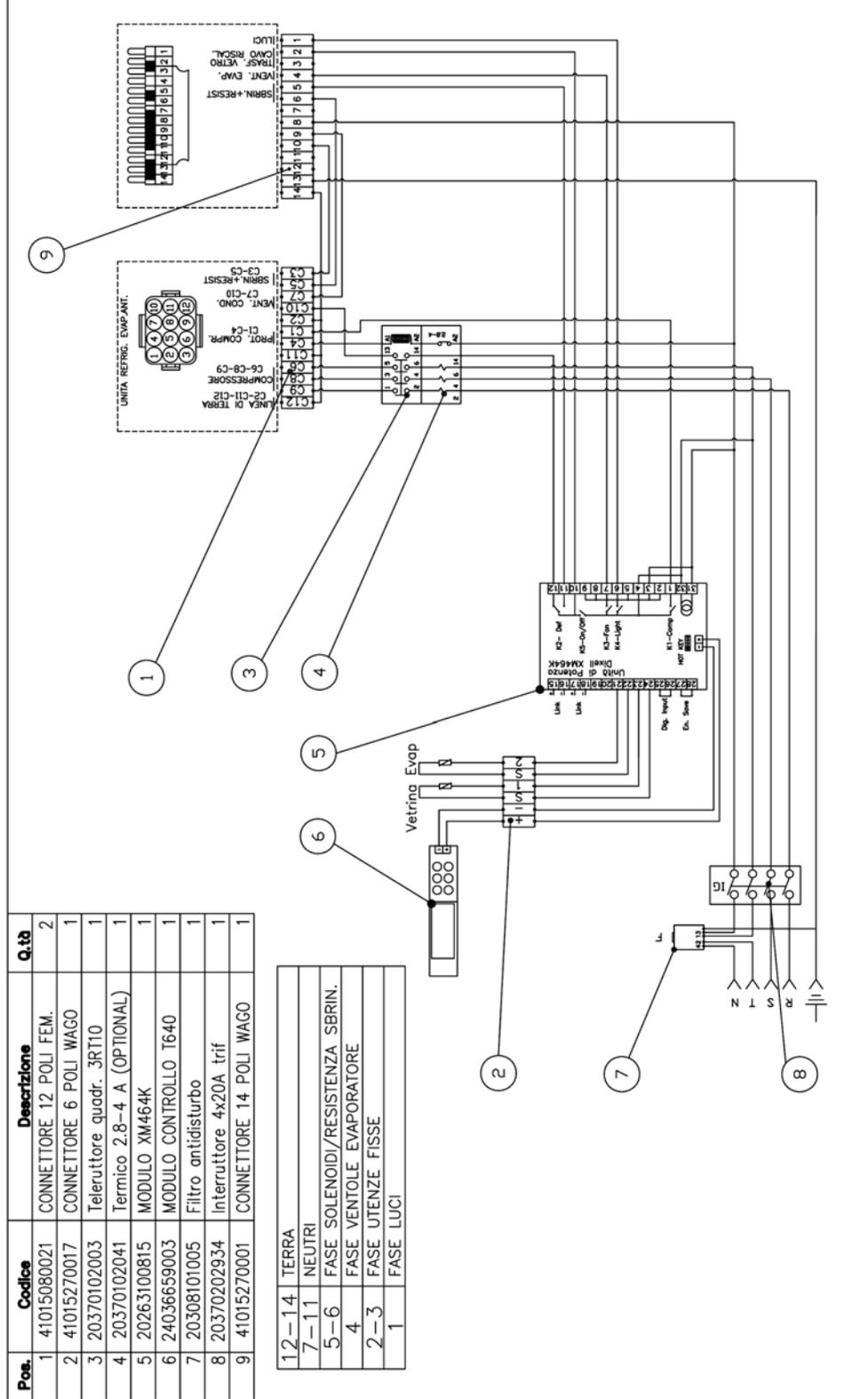
MODELS	COMPRESSOR'S ABSORBED POWER [W]	TOTAL ABSORBED POWER [W]	ELECTRICAL POWER SUPPLY	REFRIGERATING GAS	OPERATING TEMPERATURE FROM THE AIR [°C]	DIMENSIONS			WEIGHT [Kg]
						L-mm	P-mm	H-mm	
TRILOGY GT G6	900	1350	380/3/50	R404a	-18/-20	1619	1215	1120	280
TRILOGY GT G9	900 + 900	2460	380/3/50	R404a	-18/-20	2144	1215	1120	360
TRILOGY GT G12	900 + 900	2650	380/3/50	R404a	-18/-20	1569	1262	1120	430
TRILOGY GT A30	1200	1860	380/3/50	R404a	-18/-20	1597	1277	1120	330
TRILOGY GT C30	900	1380	380/3/50	R404a	-28/-20	1142	1253	1120	330
TRILOGY GT A45	1200	1760	380/3/50	R404a	-18/-20	1094	1215	1120	250



7 ELECTRICAL DIAGRAMS

The following electrical diagrams will have to be used by qualified personnel on the basis of the current regulations in vigour in the country of sale.

ELECTRICAL DIAGRAM TRILOGY GT G 6 – A30 – A45 – C30



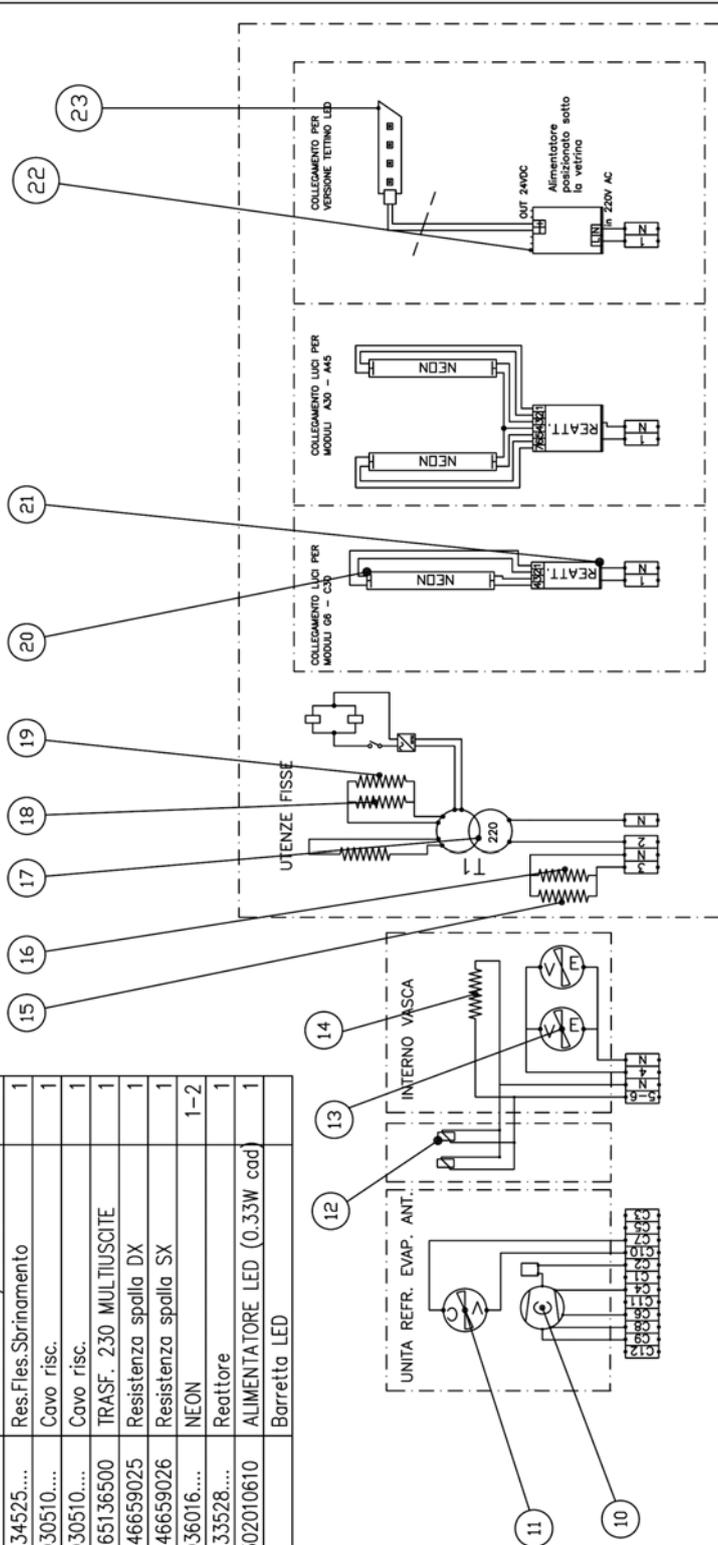
Pos.	Codice	Descrizione	Q.tà
1	41015080021	CONNETTORE 12 POLI FEM.	2
2	41015270017	CONNETTORE 6 POLI WAGO	1
3	20370102003	Teleruttore quadr. 3RT10	1
4	20370102041	Termico 2.8-4 A (OPTIONAL)	1
5	20263100815	MODULO XM464K	1
6	24036659003	MODULO CONTROLLO T640	1
7	20308101005	Filtro antidisturbo	1
8	20370202934	Interruttore 4x20A trif	1
9	41015270001	CONNETTORE 14 POLI WAGO	1

12-14	TERRA
7-11	NEUTRI
5-6	FASE SOLENOIDI/RESISTENZA SBRIN.
4	FASE VENTOLE EVAPORATORE
2-3	FASE UTENZE Fisse
1	FASE LUCI

REV	DATA	MODIFICHE	DIS.	RENZI	APP.	DATA 04/04/07	ORIGINE 026 GT	DESIGNATORE	APPROVATO DA:
			TRILOGY GT G6/A 30-45/C30		380	TIPO GEL	24005-A11		
 <p>REFRIGERAZIONE COMMERCIALE</p>									
<p>QUESTO DISEGNO E' DI PROPRIETA' DELLA DITTA ORION s.r.l. PERTANTO, A NORMA DI LEGGE, E' VIETATA L'ESIBIZIONE E LA RIPRODUZIONE, ANCHE PARZIALE SENZA ESPlicitO PErMESSO.</p>									

POWER WIRING TRILOGY GT G 6 - A30 - A45 - C30

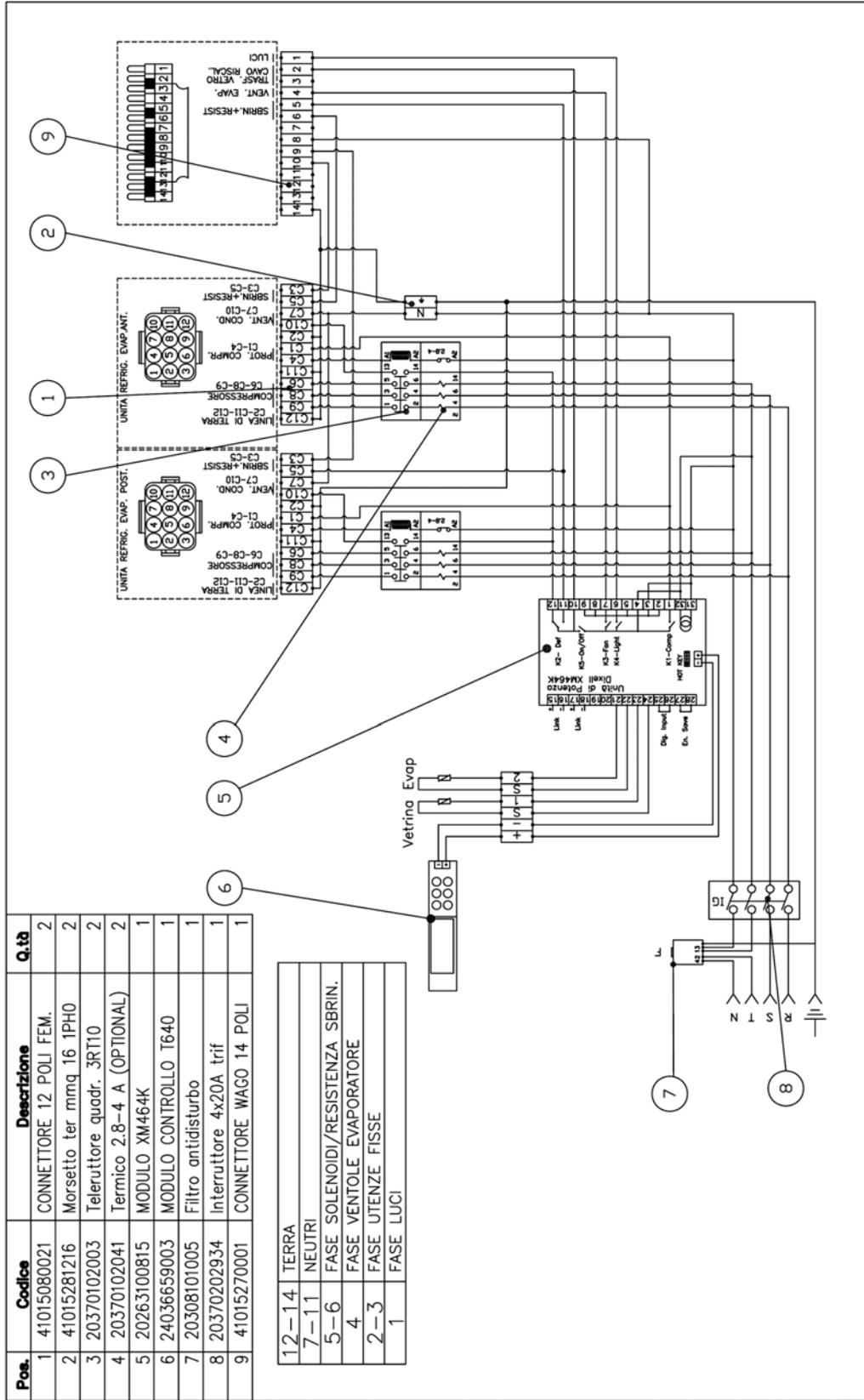
Pos.	Codice	Descrizione	Q.tà
10	E.COM.13218.04	Compr. TAJ2446-750Frig/h	1
11	20375201710	Ventilatore Condensatore	1
12	84288909000	Solenoido EVR-6	2
13	20375151501	Ventil 52 220/50-60	2
14	2034525....	Res.Fles.Sbrinamento	1
15	2030510....	Cavo risc.	1
16	2030510....	Cavo risc.	1
17	20365136500	TRASF. 230 MULTIUSCITE	1
18	24046659025	Resistenza spalla DX	1
19	24046659026	Resistenza spalla SX	1
20	2036016....	NEON	1-2
21	2033528....	Reattore	1
22	20302010610	ALIMENTATORE LED (0.33W cod)	1
23		Barretta LED	



REV	DATA	MODIFICHE	DISEGNATORE	APPROVATO DA:
		RENZI APP.	DATA 04/04/07	ORIGINE 026 GT
		DESCRIZIONE:		TIPO
		TRILOGY GT G6/A 30-45/C30 380		GEL
		QUESTO DISEGNO E' DI PROPRIETA' DELLA DITTA ORION SRI PERTANTO, A NORMA DI LEGGE, E' VIETATA L'ESIBIZIONE E LA RIPRODUZIONE ANCHE PARZIALE SENZA ESPLICITO PERMESSO.		MOD.
				24005-A11



ELECTRICAL DIAGRAM TRILOGY GT G9 - G12



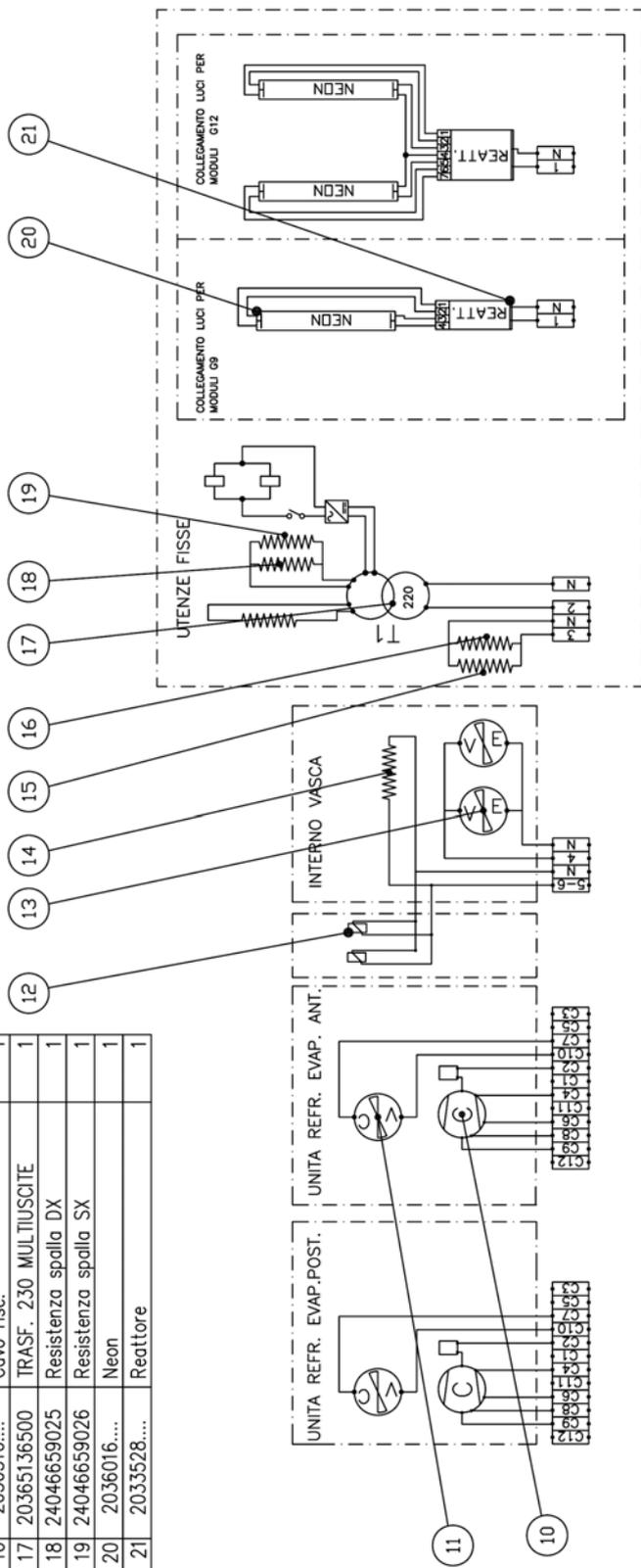
Pos.	Codice	Descrizione	Q.tà
1	41015080021	CONNETTORE 12 POLI FEM.	2
2	41015281216	Morsetto ter mmq 16 1PH0	2
3	20370102003	Teleruttore quadr. 3RT10	2
4	20370102041	Termico 2.8-4 A (OPTIONAL)	2
5	20263100815	MODULO XM464K	1
6	24036659003	MODULO CONTROLLO T640	1
7	20308101005	Filtro antidisturbo	1
8	20370202934	Interruttore 4x20A trif	1
9	41015270001	CONNETTORE WAGO 14 POLI	1

- 12-14 TERRA
- 7-11 NEUTRI
- 5-6 FASE SOLENOIDI/RESISTENZA SBRIN.
- 4 FASE VENTOLE EVAPORATORE
- 2-3 FASE UTENZE FISSE
- 1 FASE LUCI

REV	DATA	MODIFICHE	DISEGNATORE	APPROVATO DA:
DIS.		RENZI	APP.	DATA 12/05/04
DESCRIZIONE:		ORIGINE 026 GT		
TRILOGY GT G9/G12 V380		TIPO	GEL	
		MOD.	24004-01	
QUESTO DISEGNO E' DI PROPRIETA' DELLA DITTA ORION srf. PERTANTO, A NORMA DI LEGGE, E' VIETATA L'ESIBIZIONE E LA RIPRODUZIONE ANCHE PARZIALE SENZA ESPLICITO PERMESSO.				

POWER WIRING TRILOGY GT G9 - G12

Pos.	Codice	Descrizione	Q.tà
10	E.COM.13218.04	Compr. TAU2446-750Frig/h	2
11	20375201710	Ventilatore Condensatore	2
12	84288909000	Solenoidi EVR-6	2
13	20375151501	Ventil 52 220/50-60	2
14	2034525....	Res.Fles.Sbrinamento	1
15	2030510....	Cavo risc.	1
16	2030510....	Cavo risc.	1
17	20365136500	TRASF. 230 MULTIUSCITE	1
18	24046659025	Resistenza spalla DX	1
19	24046659026	Resistenza spalla SX	1
20	2036016....	Neon	1
21	2033528....	Reattore	1

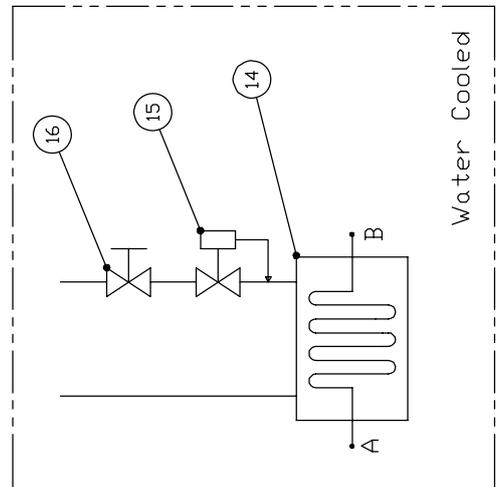
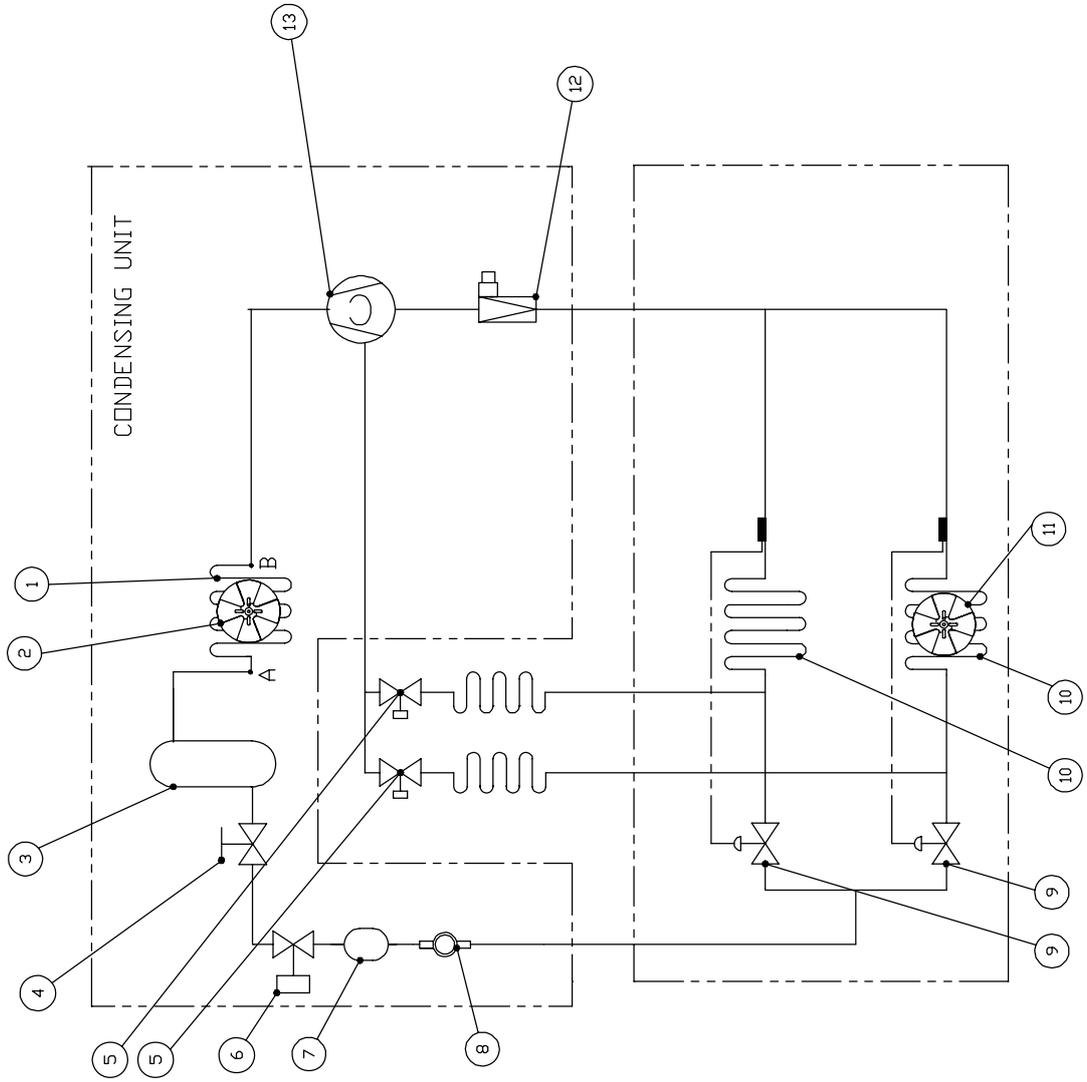


REV	DATA	MODIFICHE	DESIGNATORE	APPROVATO DA:
		RENZI APP.	DATA 12/05/04	ORIGINE 026 GT
DESCRIZIONE:		TRIOLOGY GT G9/G12 V380	TIPO	GEL
			MOD.	
 REFRIGERAZIONE COMMERCIALE		24004-011		
QUESTO DISSEGNO E' DI PROPRIETA' DELLA DITTA ORDON srl PERTANTO, A NORMA DI LEGGE, E' VIETATA L'ESIBIZIONE E LA RIPRODUZIONE, ANCHE PARZIALE SENZA ESPlicitO PERMESSO.				

8 REFRIGERATOR PLANT DIAGRAM

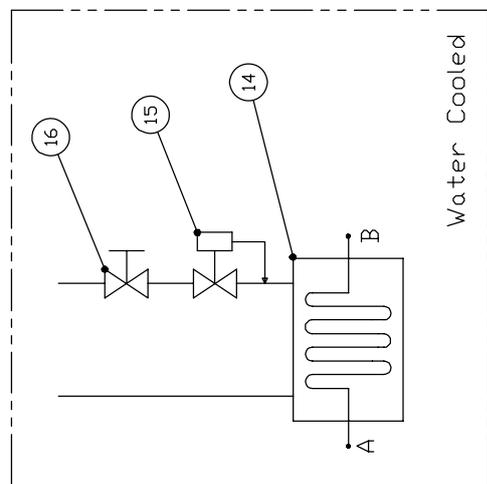
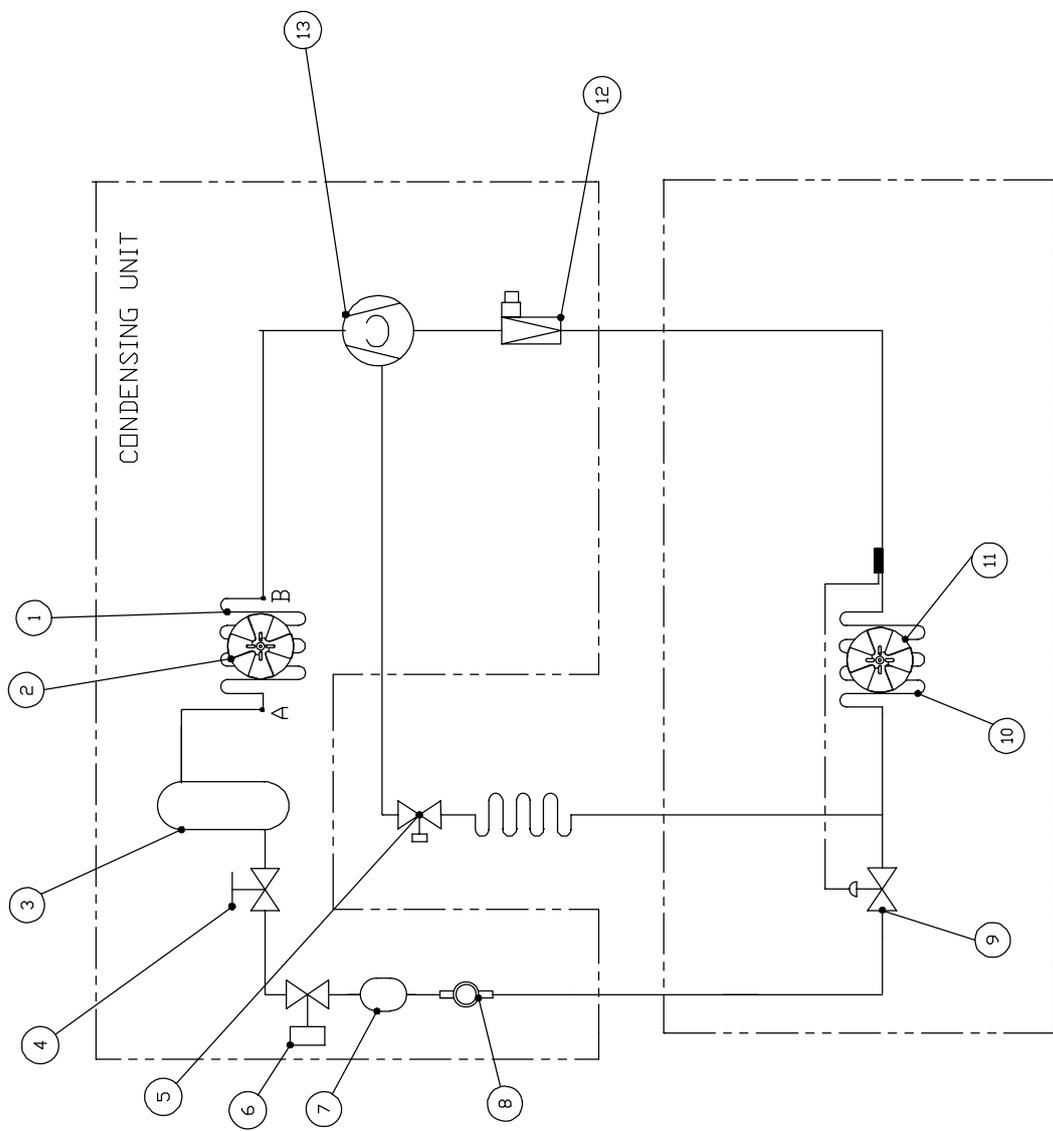
REFRIGERATOR PLANT DIAGRAM TRILOGY GT G6 – A30 – A45 – C30

Pos.	Descrizione
1	Condensatore
2	Ventilatore condensatore
3	Ricevitore di liquido
4	Rubinetto
5	Valvola solenoide gas caldo
6	Pressostato (solo per UC acqua)
7	Filtro umidità
8	Spia liquido
9	Valvola termostatica
10	Evaporatore
11	Ventilatore evaporatore
12	Kvl
13	Compressore
14	Condensatore ad acqua
15	Valvola acqua
16	Rubinetto acqua



REFRIGERATOR PLANT DIAGRAM TRILOGY GT G9 - G12

Pos.	Descrizione
1	Condensatore
2	Ventilatore condensatore
3	Ricevitore di liquido
4	Rubinetto
5	Valvola solenoide gas caldo
6	Pressostato (solo per LC acqua)
7	Filtro umidità
8	Spia liquido
9	Valvola termostatica
10	Evaporatore
11	Ventilatore evaporatore
12	Kvl
13	Compressore
14	Condensatore ad acqua
15	Valvola acqua
16	Rubinetto acqua





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