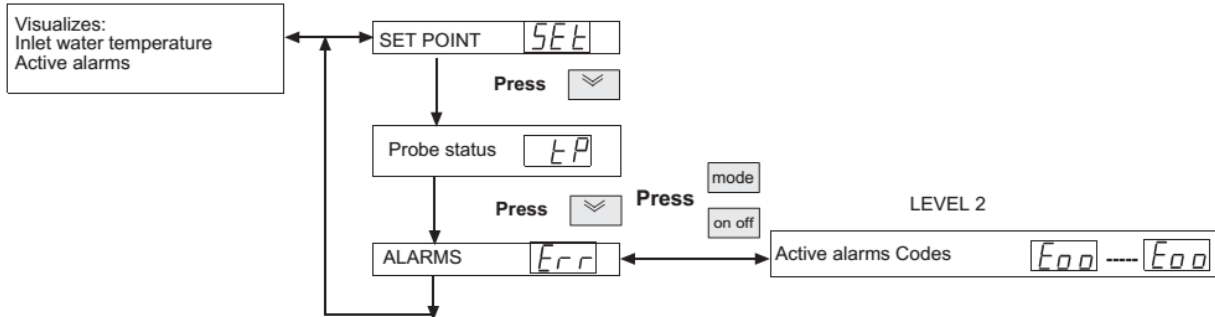


ALARM CODES

MENU STRUCTURE

DISPLAY MENU



The unit self-protect through safety devices, when any of these safety devices detect an anomaly, shown in the display in order to advice the installer.

The activation of an alarm brings about:

- The display of the alarm code beginning with the letter E and follows a number, if more than one alarm will be activated, the alarm visualized would be the one with the lowest numerical value.- The blocking of some or all the outputs, depending on the type of alarm.

E00

E00 □ This señalización en not an alarm, indicates that unit is turn off from ON /OFF remote.

VIS (Visualization) :Indicates the type of alarm shows on the display.

RE (Reset) : Type of reset: To enable the alarms:

AUT: AUTOMATIC RESET: Some alarms are automatically reset, when the cause is no longer present, they disappear from the display.

MAN: MANUAL RESET: Pressing ON/OFF button, for *more than 2 seconds*.

If the alarm conditions have been removed, the instrument returns to the normal operation and the alarm relay is de-energized. If on the other hand, the alarm conditions persist, then call for technical service.

VIS.	DESCRIPTION	EFFECT	RE	ACTION
E01	High pressostat alarm This alarm may indicate the following problems: - High pressostat protection - Compressor electrical protection (only EAC 047 o 081) - Indoor fan electrical protection - Fuses of the fan burn out	Unit stops	MAN	Press the ON/OFF button, until the alarm disappeared, if the alarm shows up again check: •Coil clean and no blocked. • Water flow on the cooling cycle •Check fuses of the fan
E02	Low presostat alarm This alarm may indicate the following problems: - Low amount of refrigerant - Low water flow in cooling cycle - Blocked coil in heating cycle - Fuses of the fan burn out After two automatic resets in one hour, it comes to be a manual reset	Compressor 1 stops	MAN	When this alarm shows up repeteally, and the alarm keeps on, make a electrical reset and check: •Coil clean and no blocked. • Water flow on the cooling cycle •Check fuses of the fan •Check refrigerant charge.
E03	Compressor and fan thermal protection alarm: - Compressor and fan thermal protection open - Faulty power supply	Compressor 1 stops	MAN	Press the ON/OFF button until the alarm disappeared, if alarm shows up again check continuity and change the faulty component •Check refrigerant charge •Check the refrigerant circuit is not blocked •Check connections and fusses •Check power supply

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E05	Anti-freeze alarm Indicates the outlet water temperature is lower than +3°C.	Unit stops	MAN	Press the ON/OFF button until the alarm disappeared, if alarm shows up again <ul style="list-style-type: none"> •Check the water filter •Check water flow •Check that the water pump is connected to power supply of the unit.
E06	Outlet water probe alarm Outlet water probe open or without connecting.	Unit stops	AUTO	These protection are automatic reset, if alarm shows up again check: <ul style="list-style-type: none"> •Connection of outlet water temperature probe (ST2), (see electrical diagram), Check continuity and change the faulty component.
E07	Alarm of the refrigerant piping probe: Refrigerant piping probe open or without connecting	Unit stops	AUTO	These protection are automatic reset, if alarm shows up again check: <ul style="list-style-type: none"> •Connection of refrigerant piping probe (ST2), (see electrical diagram), Check continuity and change the faulty component.
E11	High pressure/High temperature alarm. Is activated when refrigerant piping probe (St3) detect a temperature higher than 65°C and the high pressostat has not activated. This alarm may activated the following problems: -Faulty high pressostat.	Unit stops	AUTO	Press the ON/OFF" button , until the alarm disappeared, if alarm shows up again, check: <ul style="list-style-type: none"> • Working of high pressostat. • Coil clean and no blocked. • Water flow on the cooling cycle • Check fuses of the fan
E12	Low pressure/Low temperature alarm. Is activated when refrigerant piping probe (St3) detect a temperature lower than -30°C and the low pressostat has not activated. This alarm may activated the following problems: -Faulty low pressostat.	Unit stops	AUTO	<ul style="list-style-type: none"> • Check low pressostat working. • Coil clean and no blocked. • Check water flow on the cooling cycle • Check fuses of the fan • Check refrigerant charge.
E13	Second compressor and fan thermal protection alarm: - Compressor and fan thermal protection open - Faulty power supply	Compressor 2 stops	MAN	Press the ON/OFF button until the alarm disappeared, of alarm shows up again check continuity and change the faulty component <ul style="list-style-type: none"> •Check refrigerant charge •Check the refrigerant circuit is not blocked •Check connections and fusses •Check power supply
E21	High presostat alarm, circuit 2 This alarm may indicate the following problems: - High presostat protection - Compressor electrical protection opens - Indoor fan electrical protection opens - Fuses of the fan burn out	Compressor 2 stops	MAN	Press the ON/OFF button, until the alarm disappear, if the alarm shows up again check: <ul style="list-style-type: none"> •Coil clean and no blocked. • Water flow on the cooling cycle •Check fuses of the fan
E22	Low presostat alarm, circuit 2 This alarm may indicate the following problems: - Low amount of refrigerant - Low water flow in cooling cycle - Blocked coil in heating cycle - Fuses of the fan burn out After two automatic resets in one hour, it comes to be a manual reset	Compressor 2 stops	MAN	When this alarm shows up repeately, and the alarm keeps on, make a electrical reset and check: <ul style="list-style-type: none"> •Coil clean and no blocked. • Water flow on the cooling cycle •Check fuses of the fan •Check refrigerant charge.

ALARM CODES

VIS.	DESCRIPTION	EFFECT	RE	ACTION
E23	Compressor and fan thermal protection alarm circuit 2: - Compressor or fan thermal protection open - Faulty power supply	Compressor 2 stops	MAN	Press the ON/OFF button until the alarm disappeared, if alarm shows up again check continuity and change the faulty component •Check refrigerant charge •Check the refrigerant circuit is not blocked •Check connections and fuses •Check power supply
E27	High pressure/High temperature alarm. Is activated when refrigerant piping probe (St3) detect a temperature higher than 65°C and the high pressostat has not activated. This alarm may activated the following problems: -Faulty high pressostat.	Unit stops	AUTO	Press the ON/OFF" button , until the alarm disappeared, if alarm shows up again, check: • Working of high pressostat. • Coil clean and no blocked. • Water flow on the cooling cycle • Check fuses of the fan
E31	Low pressure/Low temperature alarm. Is activated when refrigerant piping probe (St3) detect a temperature lower than -30°C and the low pressostat has not activated. This alarm may activated the following problems: -Faulty low pressostat.	Compressor 2 stops	AUTO	<ul style="list-style-type: none"> • Check low pressostat working. • Coil clean and no blocked. • Check water flow on the cooling cycle • Check fuses of the fan • Check refrigerant charge.
E32	Alarm of the refrigerant piping probe, for circuit 2 It may indicates: Refrigerant piping probe open or without connecting	Compressor 2 stops	AUTO	These protection are automatic reset, if alarm shows up again check: •Connection of refrigerant piping probe (ST2), (see electrical diagram), Check continuity and change the faulty component.
E40	Inlet water probe alarm: It may indicates: - Inlet water probe opens or without connecting.	Unit stops	AUTO	Check connection of refrigerant piping probe (ST1), (see electrical diagram), Check continuity and change the faulty component.
E41	Water flow switch alarm Indicates low water flow in the unit.	Unit stops	AUTO	<ul style="list-style-type: none"> •Check water circuit is not blocked. •Check water filter
E45	Alarm of error configuration. It may indicates that the terminal is broken	Unit stops	AUTO	This protections are automatic reset, if the alarm shows up again, check the continuity and change the faulty component.
E46	High inlet water temperature. Indicates: Inlet water temperatures detects temperatures higher than 90°C, during more than one second	Unit stops	AUTO	This protections are automatic reset, if the alarm shows up again, Check connection of inlet water probe (ST1), (see electrical diagram) check the continuity and change the faulty component