

ALARM CODES

The unit self-protects through safety devices, when any of these safety devices detect an anomaly, it is shown in the display in order to advise the installer.

The activation of an alarm brings about:

- The display of the alarm code and the letters "AL", alternating with the display of the temperature
- The blocking of some or all the outputs, depending on the type of alarm.

When more than one alarm is activated at the same time, the display automatically scrolls through the active alarms.



VIS (Visualization): It indicates the type of alarm shown on the display.

RE (Reset): Type of reset.

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

MAN: MANUAL RESET: Pressing RESUME button, for more than 5 seconds or set the unit on OFF mode and then set on ON mode again.

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

The centre of the board also houses a jumper J3, which must be set on the position shown in the electrical diagram supplied with the unit (between ID COM and INT).

When the jumper is positioned in any other position, the display shows several alarms; therefore, check this jumper when this is repeated.

VIS.	DESCRIPTION	EFFECTS	ACTION	RE
HR F	The number of operating hours of the supply fan exceeds the maintenance threshold set by parameter F4.	Alarm visualization	Air filter should be changed and reset parameter F3 (reset to 0 valve), press simultaneously the "set" button, with ▲ and ▼ front buttons	MAN
HI T	Indicates that unit is working at indoor temperatures higher than 32°C, or ambient probe is faulty.	Alarm visualization	The unit can operate in this situation only for short periods of time. If this situation remains, check or change the probe and correct hot air stratification, inlet outside cold air etc...	AUT
LO T	Indicates that unit is working at indoor temperatures lower than 10°C, or ambient probe is faulty.			
E ID	This alarm may indicate the following problems: - High pressure switch protection. - Compressor internal protection open. - Outdoor fan internal protection open.	Unit will stop	These protections are manual reset. Press the "RESUME" button for 5 seconds, until alarm disappear. If the alarm shows up again check continuity of the protections and check or change the faulty component.	MAN
th f	Indoor fan protection open or disconnected.	Unit will stop	This protection is manual reset. Press the "RESUME" button for 5 seconds, until alarm disappear. If the alarm shows up again check continuity of the protection and check or change the faulty component.	MAN
ES R	Terminal does not receive data communication from the power board.	Unit will stop	Turn off power supply and turn on again. If the problem persists, must proceed to change components. NOTE: This alarm could be caused by a faulty shielded cable connection (induction) or be too long.	AUT
ES T	Power board does not receive data communication from the terminal			
EE	EPROM error.			
E 1	Temperature regulation probe error, or connection cable broken.	Unit will stop	Check the position of jumper J1, shown on page 15, check the cable	AUT
E 2	Outdoor temperature probe error, or connection cable broken. (freecooling option, heat pump).	Unit will stop	Check the outdoor probe connection and jumpers situation according to the electrical wiring diagram.	AUT
E 3	Outdoor coil temperature probe error, or connection cable broken.	Unit will stop	Check probe connections and check the cable	AUT
E DF	The defrost process has exceeded the maximum time specified of 10 minutes and has not ended.	Alarm visualization	Exists a problem of installation (ducts) or cooling circuit (faulty refrigerant charge), the drain is obstructed, or ice has been accumulate.	AUT
L O P	Low pressure protection. After three automatic resets in one hour, becomes to be a manual reset.	Unit will stop	When the alarm shows continuously, and the alarm persists, reset with "RESUME" button. Check refrigerant charge, clean the air filters and the rotation of indoor fan.	MAN