

FAULT	1	2	3	4	5	6	7
CAUSE	DOES NOT START	CONTINUES THE PREPURGUE PHASE	DOES NOT START AND STOPS	DOES NOT START AND REPEATS CYCLE	DOES START BUT REPEATS CYCLE	DOES STOP DURING OPERATION	DOES STOP AND REPEATS CYCLE DURING OPERATION
LACK OF GAS							
FAULTY GAS PRESSURE SWITCH							
FAULTY MAXIMUM PRESSURE SWITCH							
FAULTY AIR PRESSURE SWITCH							
FAULTY FLAME CONTROL DEVICE							
AIR PRESSURE SWITCH FAULTY, NOT CALIBRATED							
GAS PRESSURE SWITCH NOT CALIBRATED							
FAULTY IGNITION TRANSFORMER							
WRONG ELECTRODES POSITION							
FAULTY GAS GOVERNOR							
WRONG POSITION OF THE DETECTION ELECTRODE							

Command program in the event of a defect LGB21

The fuel supply is interrupted. When the lockout occurs during the pre-purge time, the causes may be the LP air pressure switch or a premature flame presence signal.

In the absence of voltage or in case of voltage drop: repetition of start with complete program

Premature presence of the flame at the beginning of the preventilation time: safety stop (block)

Contact of the LP air pressure switch glued during time t_w : start can not take place

Lack of air presence: safety stop (block) after t_{10}

Lack of air pressure after t_{10} : immediate safety stop

Burner ignition failure: safety shutdown after TSA time

Lack of flame during operation: immediate safety stop

Ignition spark control with QRE: in the absence of spark, no fuel consent, safety stop (lock) after TSA time.

Unblocking the appliance

The device can be unlocked immediately after the safety shutdown without causing the program to change. To restart it, press the indicated button down for 1", the burner automatically restarts.

Indicator of the control program fault position

On the front of the security appliance there is a plexiglass bezel underneath which there is the disc indicating that the program has been discharged. In the event of a safety shutdown, the programmer stops. The disk highlights with a symbol the position of the program in which the interruption occurred, namely:

no start-up, the command ring is open

interval t_w or t_{10} on LGB21; t_w or t_{11} on LGB22

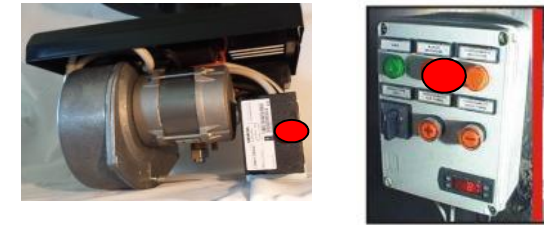
safety stop (block) through absence of the air pressure signal (LGB21) or because (LGB22) the air damper is not open

interval t_1 , t_3 (t_{12})

safety stop (block) through absence of the flame signal at the end of the 1st safety time

consent of the 2nd fuel valve (LGB 21) or consent at the power regulator (LGB22)

functioning of the burner at partial or maximum power (or return to the service position)



BLOCKED BURNER



FAULT CODES