Training :
GV60 MERTIK GAS VALVE REGULATION

Rev.00
May 2025

The instructions in this document are a guide to the operations necessary for installing an ITALKERO radiator.

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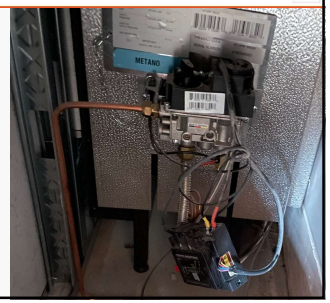
These do not replace the detailed information contained in the installation manual which must always be read and followed carefully.

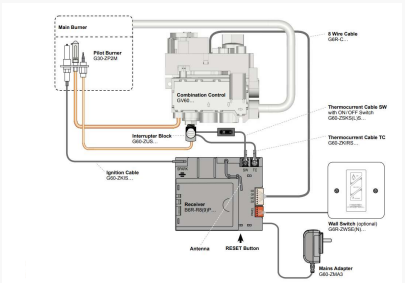
The GV60 Mertik valve is installed on all products

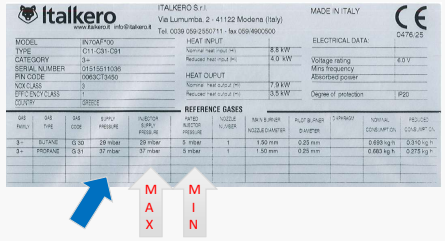
- Fireplaces
- Fire gas log

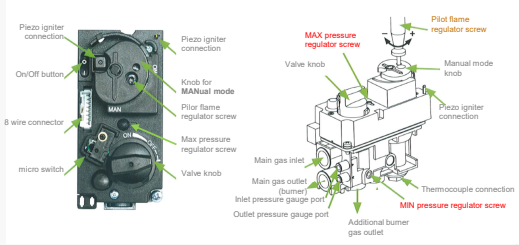
Along the gas valve there is always

- RF receiver
- Power supply kit (mains adapter)





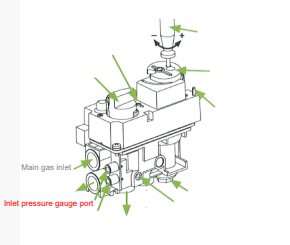




Open the main supply tap of the equipment (mandatory requirement by the installation regulations for gas equipment)

Connect the pressure gauge to the inlet pressure socket

Compare the value with the supply pressure value shown on the equipment plate



The valve is always calibrated in the factory for the nominal gas shown on the appliance plate label associated with each appliance.

The adjustment is always checked at the production site for each appliance

The valve adjustment is necessary in the event of

- Replacement due to breakage / malfunction
- Appliance Gas change not carried out at ITALKERO

To calibrate:

TURN ON THE EQUIPMENT WITH THE REMOTE CONTROL

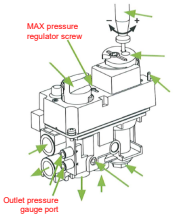
Alternatively: TURN ON THE EQUIPMENT MANUALLY (not recommended)

Connect the pressure gauge to the outlet pressure port

Turn the MANUAL knob and the main valve knob to the ON position

Turn the pressure regulator screw to set the required burner pressure (high flame). The pressure is increased by turning clockwise and decreased by turning anticlockwise

The MAX pressure value is shown on the appliance plate



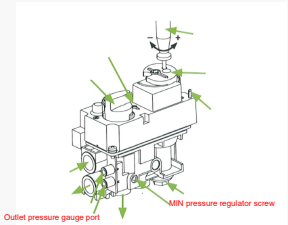
The maximum burner flow rate is adjusted with a 2.5 mm flat screwdriver, entering a brass seat directly in contact with the adjustment screw, very wide adjustment range.
For LPG burners the screw is completely screwed in until it stops and then unscrewed by about one turn

Connect the pressure gauge to the outlet pressure port

Set the regulator to low flame by turning the motor knob to the OFF position and then back until you hear the valve open

Turn the minimum pressure adjustment screw clockwise to decrease the flow to the minimum required value.

The MIN pressure value is shown on the appliance plate



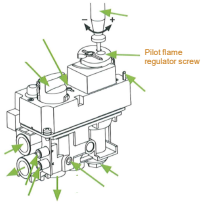
For adjustment, a 4 mm Allen key is used, adjustment range limited to approximately one turn of the screw.

Turn the MANUAL knob to the ON position

Punch the film on the lid with a screwdriver to reach the adjustment screw underneath.

Turn the pilot pressure adjustment screw clockwise to decrease the flow.

The pilot flame should surround the thermocouple. 10 to 13 mm



For the operation, use a 3.5mm flat screwdriver; entering perpendicularly you must feel the notch of the adjustment screw. The adjustment is limited to the range of one turn clockwise or anticlockwise.

Your questions ?