



INSTRUCTION FOR INSTALLATION, USE AND MAINTENANCE

Art. 208



Read the instruction before use.
This valve has to be installed in accordance with rules in force.

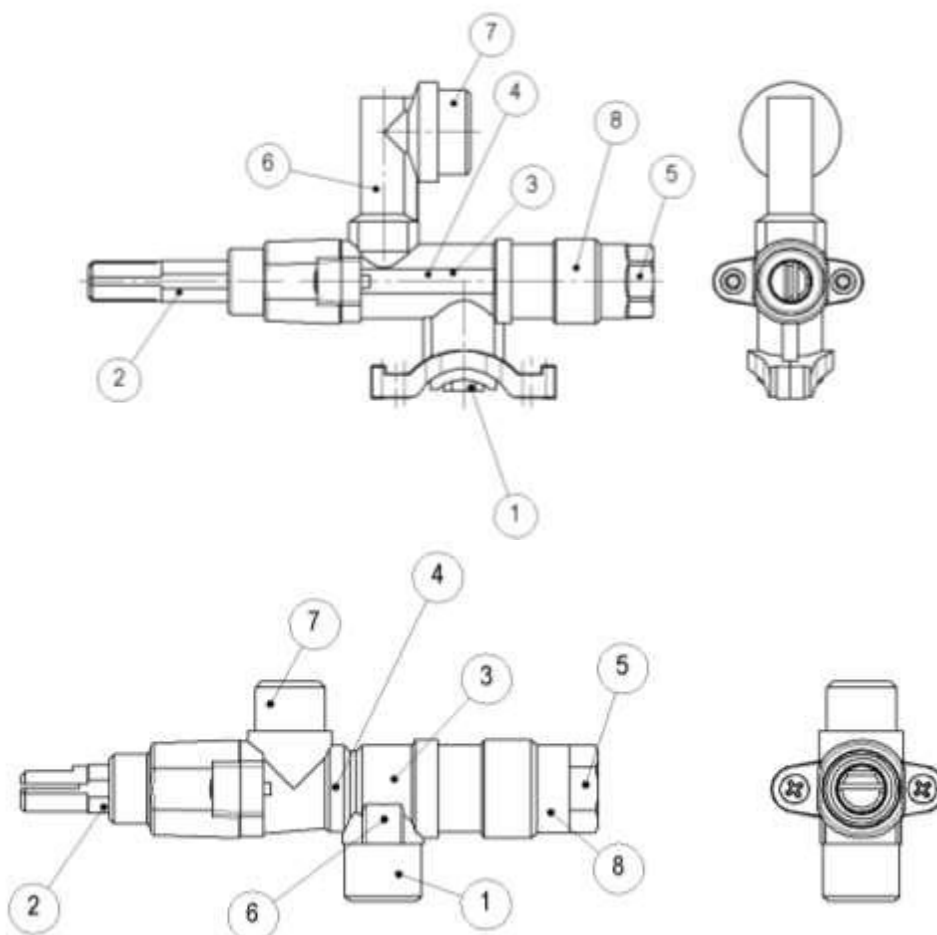


Index

1. Chapter 1	03
1.1 Product Description	03
1.2 Technical Properties	04
1.3 Overall Dimensions	05
2. Chapter 2 - Installation	06
2.1 General Informations	06
2.2 Installation and Assembling	07
2.3 Thermocouple Fixing	08
2.4 Gas Outlet Connection	09
3. Chapter 3 - Maintenance	10
3.1 General Notes	10

Chapter 1

1.1 - Product description

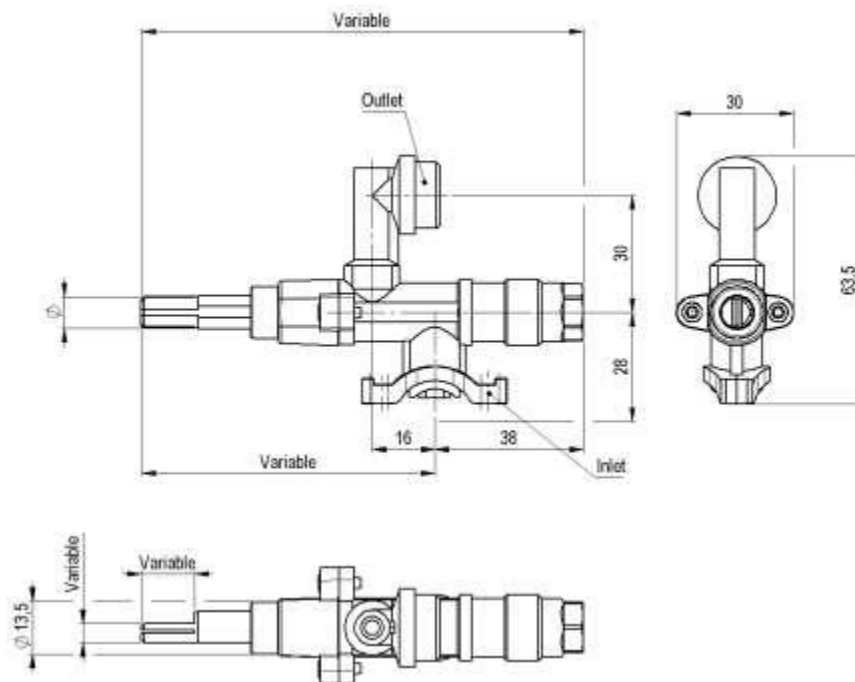
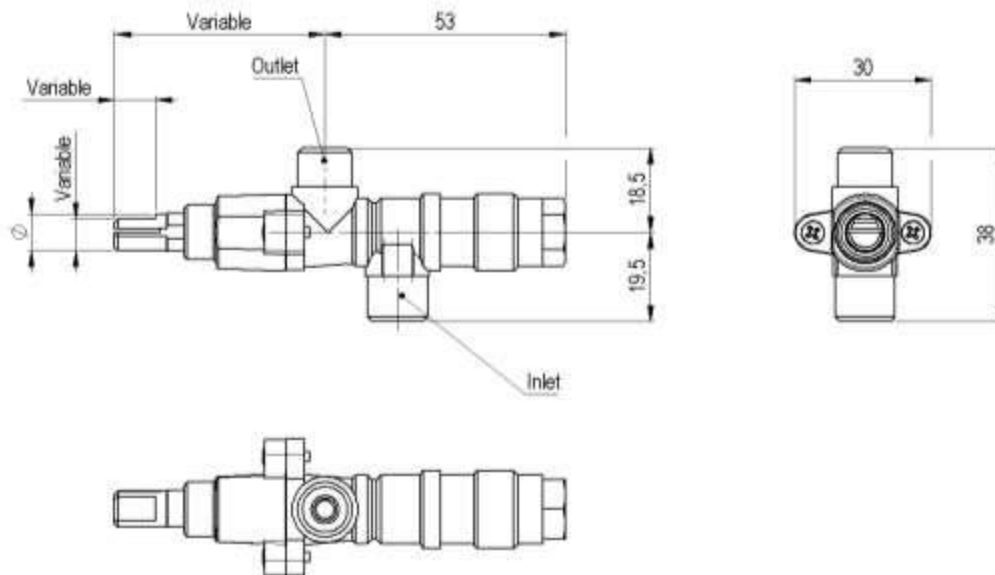


1. Gas inlet (tube $\varnothing 16/8$ or Thread)
2. Spindle for knob
3. Max. working pressure (7kPa for CE and 1/2 psi for CSA)
4. Manufacturer and product family
5. Fitting thermocouple
6. Gas flow direction
7. Gas outlet
8. Production date (year/week), Valve Code and max. temperature

1.2 - Technical properties

CE Approval:	in accordance to GAR EU/2016/426 – Certificate N°: CE-0085AQ0789
Working temperature:	0°C - 150°C / 0°C – 80°C
Max working pressure:	7kPa (65 mbar)
Working angular rotation:	160°
Position of maximum:	90°
Gas inlet connection:	flange handle screw connection or biconical ring screw connection or internal thread
Gas outlet connection:	various
Knob shaft connection:	max. \varnothing 8
Fitted with:	safety device for flame control
Applications:	cooking, baking and grilling
Group:	2
Kind of gas:	I, II, III
Tap endurance test:	40.000 (CE)
Safety device endurance test:	10.000 (CE)

1.3 Overall dimensions



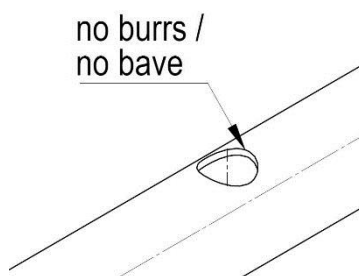
Chapter 2 - Installation

2.1 - General Informations



Failure to comply with the following requirements may prevent the correct operation and safety of the product.

1. All installation, connection and adjustment operations must be performed only by **qualified personnel** and according to the specific properties of the device;
2. During installation it is important to verify that the **gas flow is in accordance with the arrow** on the valve body;
3. To avoid damage that may compromise correct functioning of the valve, **do not exceed the tightening torques** listed in next chapters;
4. To avoid damage that may compromise correct functioning of the valve, handling of valve shall be taken care of: **avoid falls and bumps**;
5. To avoid damage that may compromise correct functioning of the valve, use the **appropriate tools for installation** operations;
6. To ensure a perfect seal, manifold **shall not present burrs** in correspondence of valve installation hole;



7. In order to avoid any foreign body to enter into the valve, which could compromise the right functioning of the valve, **manifold shall be clean**. A suitable **filter** should be mounted **on the manifold supply inlet**.



After installing or replacing the valve / valves, the installer must always check for gas leakage.

2.2 - Installation and assembling

Fix the gas valve on the manifold by the means of apposite screws and bracket, as shown on **fig. 1, fig. 2, fig.3**



fig. 1 – Ø 16 manifold

1. Bracket Ø16 tubing (Cod.18045)
2. M4 Screws (Cod.18046)

Ideal torque: 1 Nm

Max. torque: 1,5 Nm



fig. 2 – Ø 8 manifold

3. Bracket Ø 8 tubing (Cod.28020)
4. M3,5 Screws (Cod.18091)

Ideal torque: 0,8 Nm

Max. torque: 1 Nm

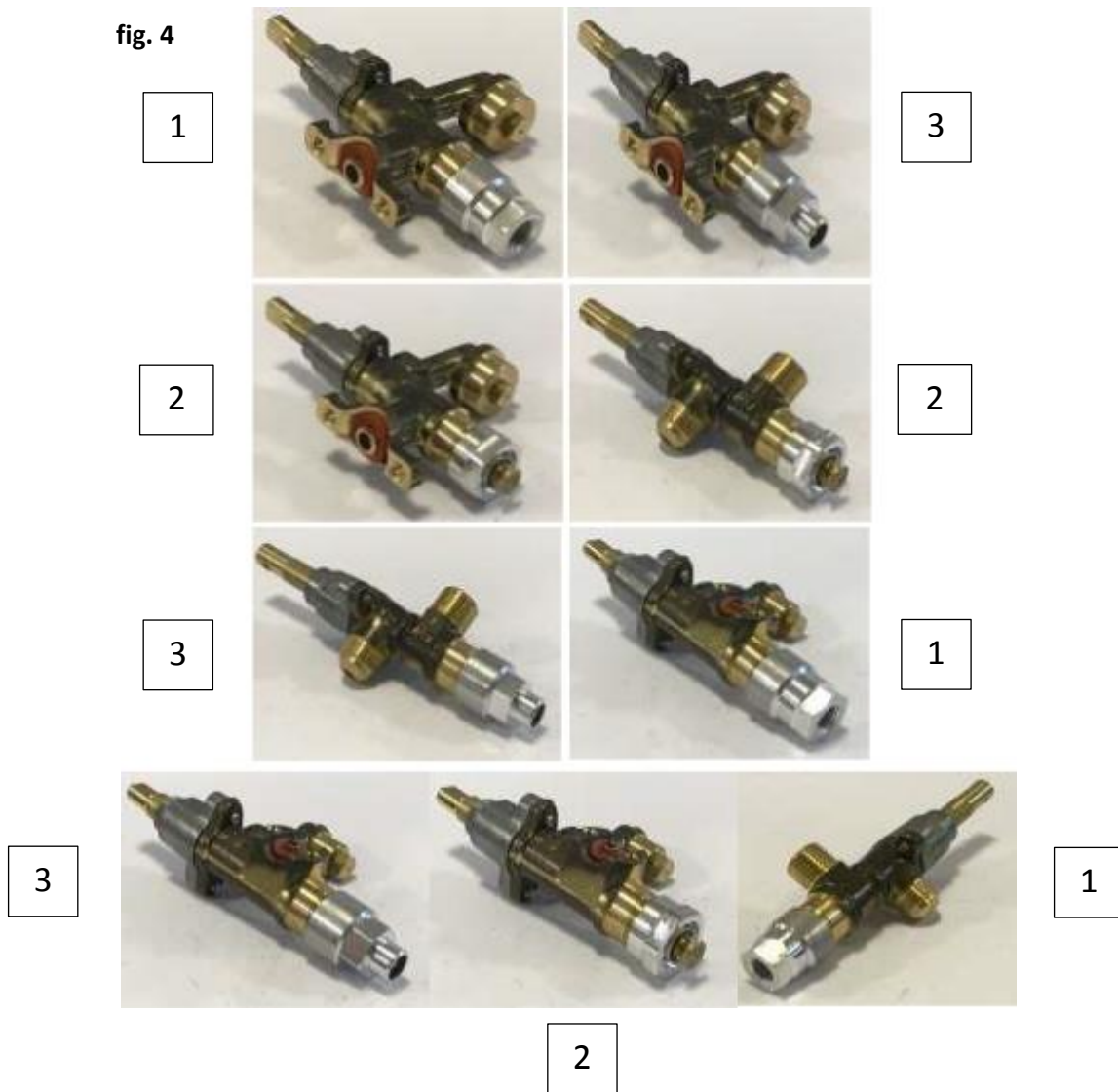


fig. 3 – Thread

See Cap. 2.4

2.3 Thermocouple fixing

Fix the thermocouple to the gas valve according to the kind of connection provided, as shown on **fig. 4** below



1. **Threaded connection:** Screw-in the nut of thermocouple with a torque of 4 Nm max.
2. **Fast-on connection:** connect the thermocouple terminal to the fast-on.
3. **Quick connection:** insert the thermocouple connection till the end.

Available magnet-on and magnet-off currents:

- 200 / 40 mA
- 110 / 20 mA

2.4 - Gas outlet connection

Fix the gas outlet tube to the valve, according to the type of outlet on the body, as show in **fig. 5**; in order to avoid any damages which could prevent the right functioning of the valve, please follow strictly the tightening torques shown in **TABLE 1**.

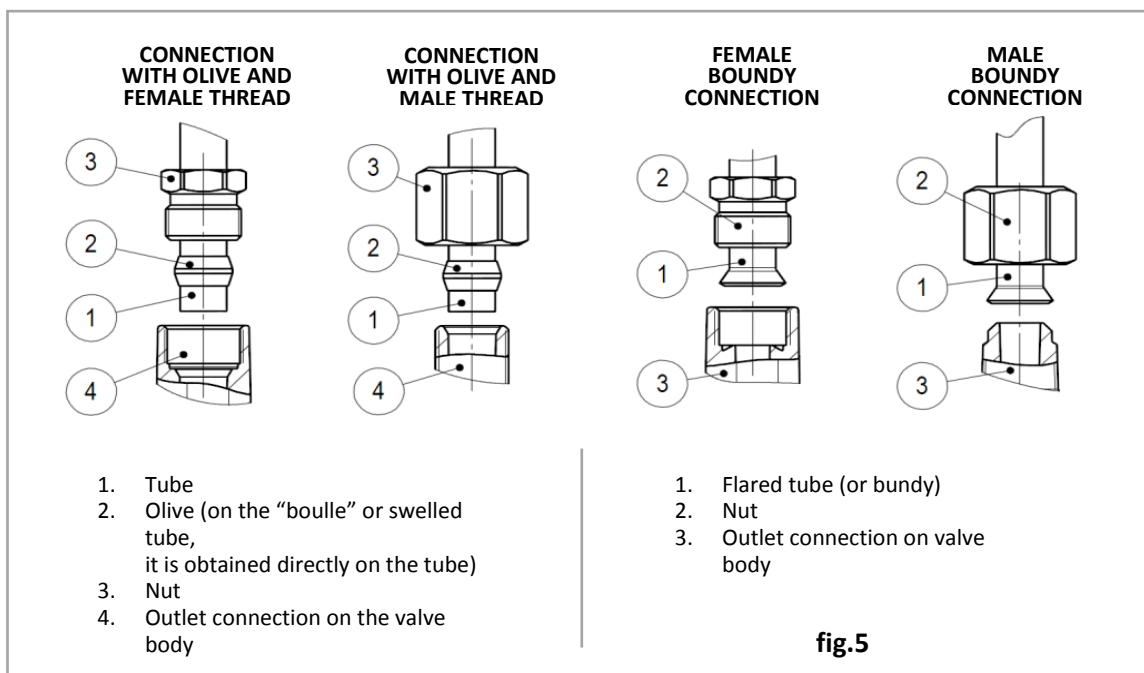


TABLE 1: maximum tightening torques (Cmax)

Component	Cmax	
	Nm	lbf.in
Nut + olive + aluminium tube	15	133
Nut + olive + copper tube	15	133
Nut + olive + steel tube	10	89
Nut + aluminium flared tube (boundy)	15	133
Nut + aluminium swelled tube ("boule")	15	133

Chapter 3 - Maintenance

3.1 - General notes

All installation, connection and adjustment operations must be performed only by qualified personnel and according to the specific properties of the device. During installation it is important to verify that the gas flow is in accordance with the arrow on the valve body.

The valves are designed in order to be able to operate inside the cooking appliances, protected by any possible liquids or dirty infiltrations and by the atmospheric agents. The non-compliance of such a prescription may prevent the right functioning and the safety of the product.

It is absolutely forbidden to tamper with the sealed parts, unscrew the assembling screws and remove any part or marking on the valve. It's good to avoid that the valve suffers any kind of shocks (bumps, falls etc.)

In order to avoid any foreign body to enter into the valve, which could compromise the right functioning of the valve, it is necessary to assemble a proper filter; the inlet filter must be provided upstream of the manifold as required by the standard.



No kind of maintenance on the valve is allowed. It is absolutely forbidden to Tamper with the sealed parts, unscrew the assembling screws and remove any part or marking on the valve. The parts of the device mounted or adjusted during manufacturing and not intended for manipulation by the user or installer must be adequately protected.

Info and contacts

MP GAS CONTROLS S.P.A.
VIA NEZIOLE 2
25055 - PISOGLNE (BS) - ITALY
+39 0364 89020
info@mpgascontrols.com