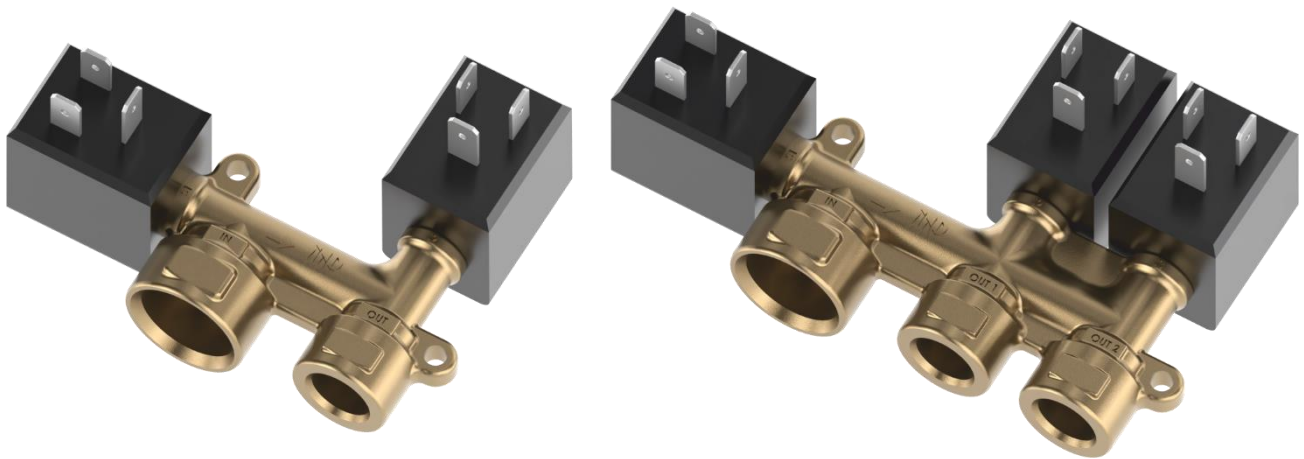




## INSTRUCTION FOR INSTALLATION, USE AND MAINTENANCE

# Art. 600 XX

## Electronic gas valve for hobs and ovens



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

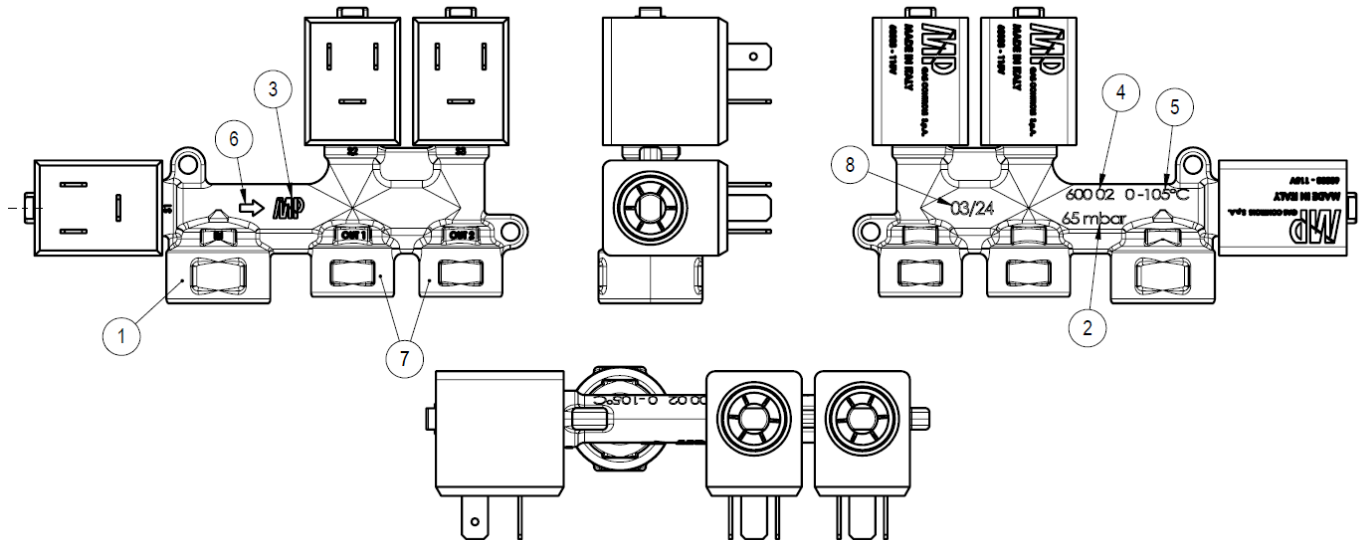


## Index

<b>1. Chapter 1</b>	<b>03</b>
1.1 Product Description	03
1.2 Technical Properties	04
1.3 Overall Dimensions	05
<b>2. Chapter 2 - Installation</b>	<b>06</b>
2.1 Installation and Assembling	06
2.2 Gas Outlet Connection	07
<b>3. Chapter 3 - Maintenance</b>	<b>08</b>
3.1 General Notes	08
3.2 Maintenance	08

## Chapter 1

### 1.1 - Product Description



1. Gas inlet
2. Max. working pressure (65mbar)
3. Manufacturer
4. Product family (600 xx)
5. Working temperature
6. Gas flow direction
6. Gas outlet (1 or 2)
8. Production date (four digit date code weel/year)

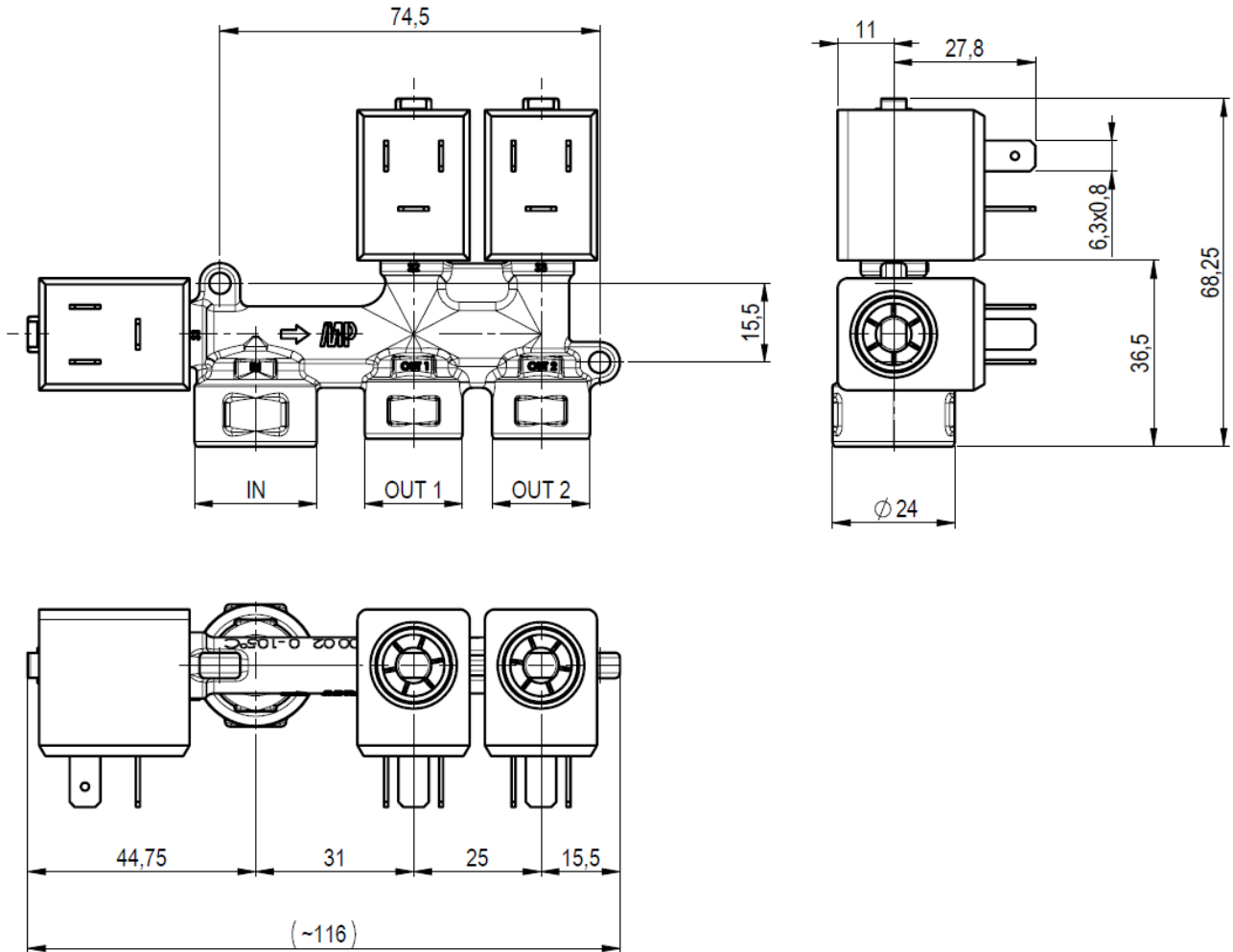
## 1.2 - Technical properties

<b>CE Approval:</b>	in accordance to <b>2009/142/EC Directive</b> for gas appliances Usable as an automatic shut-off valve for kitchens according to EN 30-1-4:2012
Working temperature:	0°C - 105°C
Max working pressure:	6,5kPa (65 mbar)
Lifetime for safe function:	1.000.000 cycles
Gas inlet connection:	various
Gas outlet connection:	various
Number of outlets:	1 or 2
Valve power supply:	115 V
Type of electrical supply:	DC
Opening time:	< 1s
Closing time:	> 1s
Valve class:	C
Valve group:	1
IP degree of protection:	00
Applications:	cooking
Installation position:	universal
Kind of gas:	II, III

### Flow rates

**Flow rate index** ( $P_i=20$  mbar;  $\Delta P$  1 mbar):  $\geq 95\%$  of  $0,31$  m<sup>3</sup>/h

**1.3 - Overall dimensions**



## Chapter 2 - Installation

### 2.1 – Installation and assembling

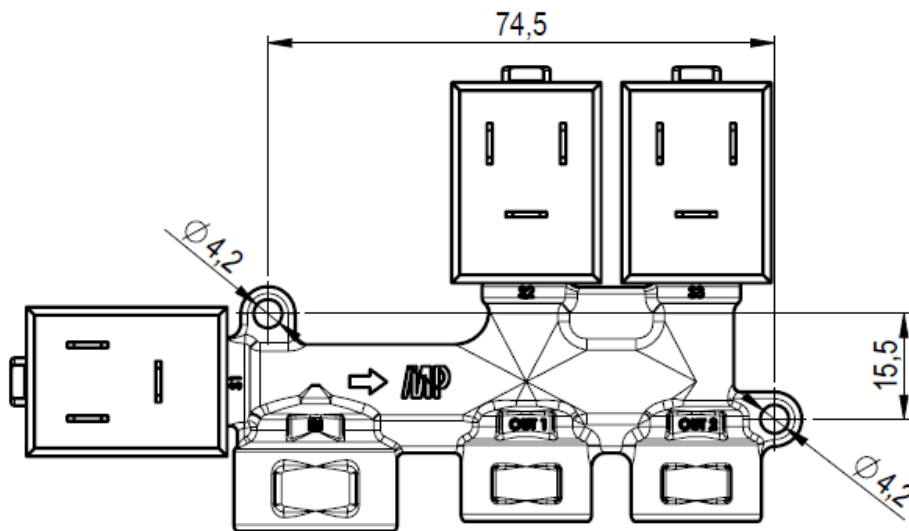
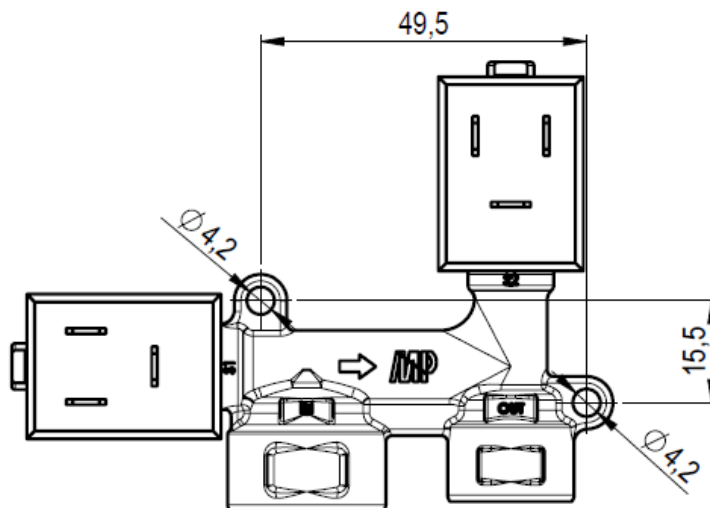
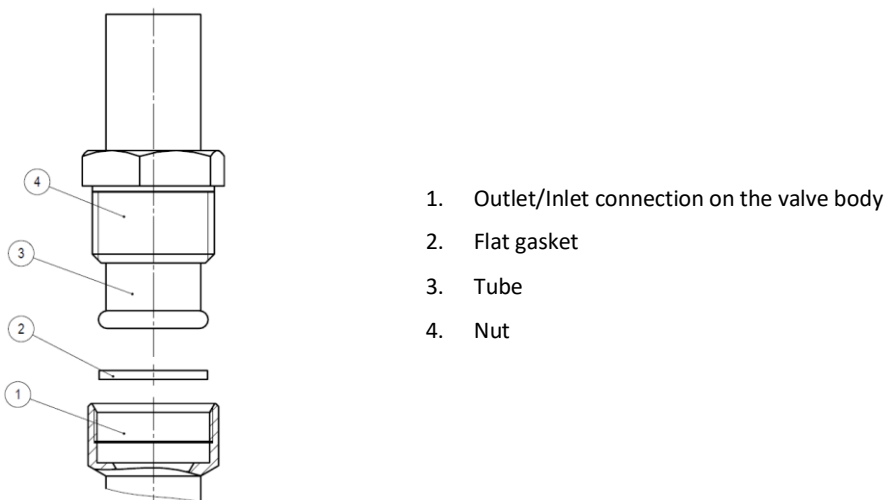
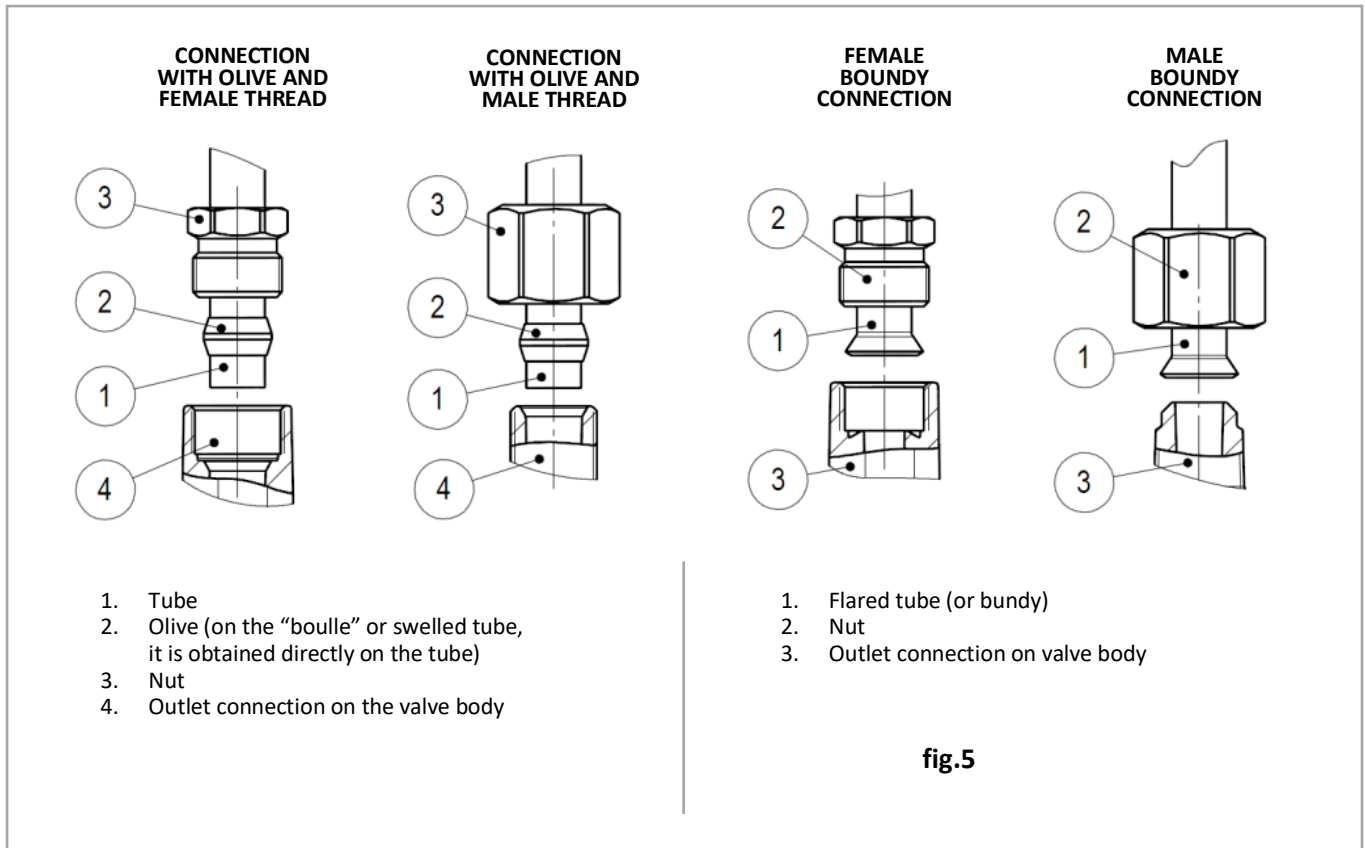


Fig. 4



## 2.2 - Gas outlet connection

Fix the gas outlet tube to the valve, according to the type of outlet/inlet on the body, as shown 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 (C max)**

Component	C max	
	Nm	lbf.in
Nut + Olive + aluminum tube	15	133
Nut + Olive + copper tube	15	133
Nut + Olive + steel tube	10	89
Nut + aluminium flared tube (bundy)	15	133
Nut + aluminium "boulle" (swelled) tube	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