# VALVE BOX
Gases Medicinales

# TECHNICAL SPECIFICATIONS SHEET GM

arigmed MR

## CHARACTERISTICS:

Valve box for medical gas sections complying with NFPA 99-2015. The valve is designed for 600 W.O.G. with three piece ball valves made of brass with weldable ports for copper piping extensions with PTFE thread seals (does not have threaded connectors).

## MATERIALS:

- **Cabinet:** Made with caliber 18 steel sheets, white powder coating is applied to it. It also comes with a hinged window made from the same metal and caliber that closes via a magnetic seal, the window has a transparent 3mm acrylic glass. The piping has plastic caps made from white ABS plastic injection (to avoid galvanic corrosion). Only for use indoors.
- **Isolation valves:** Complying with NFPA99 for 600 W.O.G., three bodied ball valve made of brass (ball made of stainless steel) and ¼ turn handle. Weldable ports with type "L" copper piping extensions complying with ASTM B819 (clean for use with oxygen).

## INCLUDES:

- **Piping extensions:** Made with type "L" copper piping complying with ASTM B819 (clean for use with oxygen). For "K" type piping the manufacturer has to be informed prior to production.
- **Coupling port:** For analogue pressure gauge (positive or negative pressure).
- **Identification tag:** For gas as well as flow direction.
- **Emergency ports and gauge installation:** Made with brass with a threaded coupling of ¼" to the copper piping.
- **Positive and negative pressure gauges:** Analogue with ½" or 2" body and rear connection of ¼".

Valves

***The installation must be executed by valid ASSE6010 certified personnel*** (Medical Gas Systems Installer) and by ASME BRAZER IX (qualified welder in oxyacetylene)

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Made in Mexico

CERTIFIED

World Register ISO 9001:2015

World Register ISO 13485:2016

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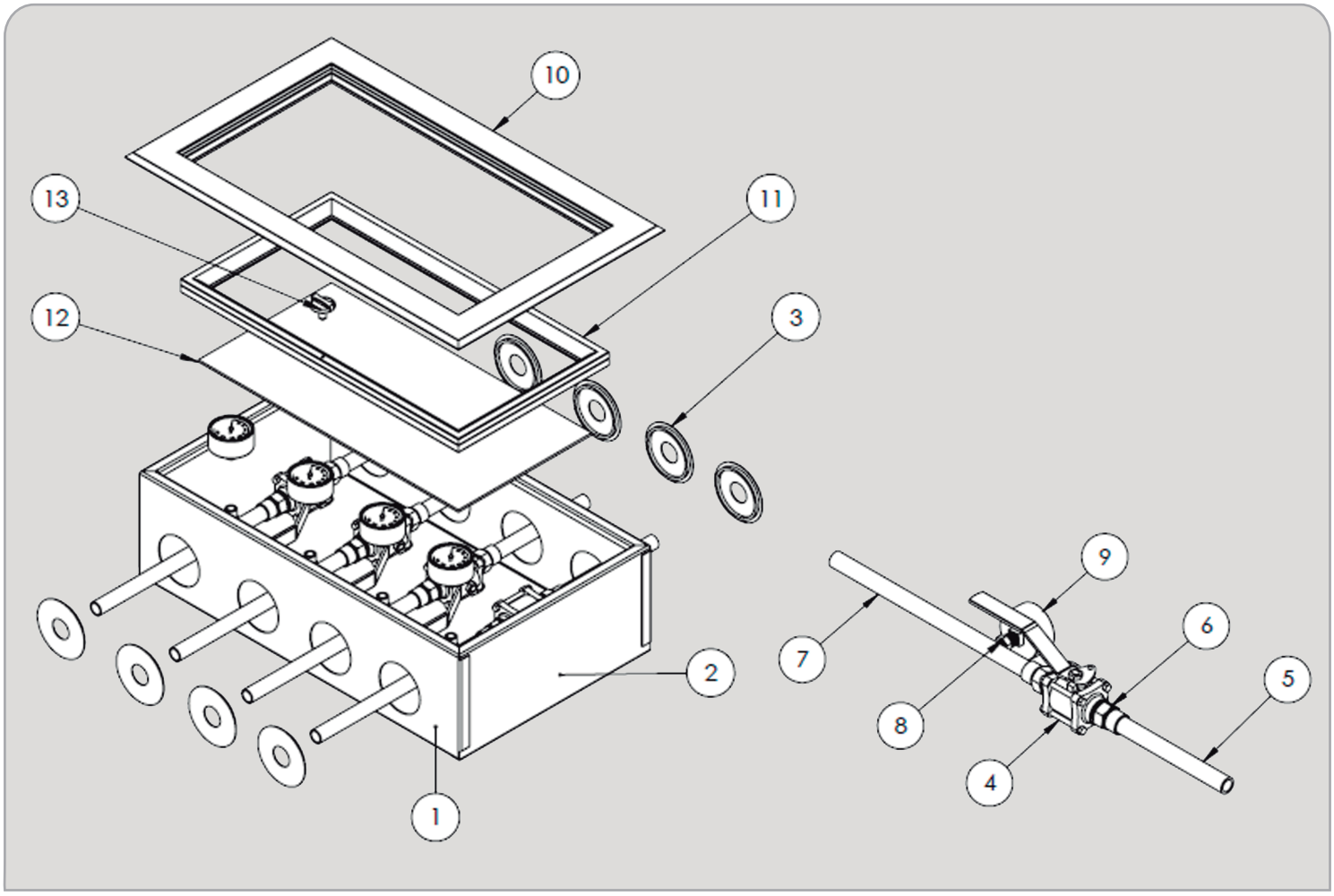


## BOX DEPTH:

According to client specification available on two depth measurements:

- 10 cm
- 14 cm

## VALVES:

The client must specify the number of valves, the pipe diameter and the gas type (for each box). And the type "L" o "K" for the cooper piping.

*Complies with NFPA99-2015 (Section 5.1.4.6)

In case the equipment has been supplied partially or modified on the components, or use of third party spare parts (NOT by the manufacturer), GRUPO ARIGMED disclaims any responsibility for any risk of damage or injury to people or property. Compliance with NFPA99-2015 (Section 5.1.4.6) is not guaranteed.

| Item: | Description: |
|---|---|
| 1 | Base of the box |
| 2 | Top of the box |
| 3 | 2" PVC top |
| 4 | Three bodied ball valve |
| 5 | Copper piping |
| 6 | Valve's weldable port |
| 7 | Copper piping |
| 8 | Pressure gauge port |
| 9 | Pressure gauge (positive or negative) |
| 10 | Exterior frame |
| 11 | Interior frame |
| 12 | Transparent acrylic glass |
| 13 | Window's button |

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