

Medical Gas Outlet

CHEMETRON + OHMEDA DIAMOND type

technical
brochure
Medical Gases



ISO 9001:2015, ISO 13485:2016

Materials:

● **Front Assembly:** 100% Stainless steel sheet made, 18 gauge polished 3, quick connect twin coupling inlet designed for **CHEMETRON+OHMEDA DIAMOND** technology.

● **Back Assembly:** Brass made with a spring-loaded secondary check valve, it includes a 3/8" diameter O.D. "K" type copper tube with a 0.20m extension for valve connection, 360° rotation for easy connection.

Mounting versions:

● **Wall recessed:** Hardware made of 18 gauge nickel finished steel sheet modular assembly with position PIN register for non-crossing connection compatible with USA standards, **meeting NFPA99.**

● **Architectural equipment mount:** Hardware made of 18 gauge nickel finished steel sheet individual assembly with position PIN register for non-crossing connection compatible with USA standards, **meeting NFPA99.**

Coupling type and Safety System:

● **Coupling:** Hook + PIN position type quick coupling, 100% compatible with CHEMETRON+OHMEDA DIAMOND technology for the following gases: oxygen, medical air, medical vacuum, nitrous oxide and WAGD.

Note: Measurement variation between non-recognized brand secondary equipment connectors could result in failure of the secondary equipment holding.

● **No crossing connection medical gases system:**

Pin position system (PIN) to avoid cross-connection between primary and secondary valve, and designated for each type of medical gas, compatible with U.S.A standard



Wall recessed



To architectural equipment

Installation must be performed by personnel with current ASSE6010 and ASME BRAZER IX certification
(Medical gas system installer and qualified oxy-acetylene welder)

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Sistema de Gestión
ISO 9001:2015

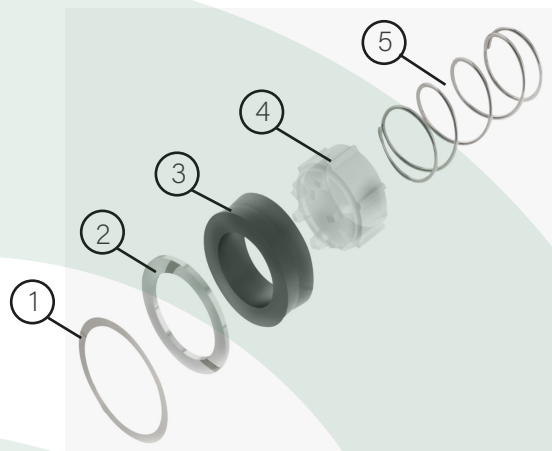


ENGVER. 2

Wall recessed back assembly



Back assembly spare parts



Architectural mount back assembly



item	Description
1	Stainless steel washer
2	Stainless steel spiral lock
3	Seal
4	Injected plastic check
5	Calibrated spring

Specifications:

Flow:

- *Output of 240 LPM, if the diameter of the pipes allows it.
- *Extraction of 90 LPM, if the diameter of the pipes allows it.

Working pressure:

*50-55 PSI

Maximum pressure test:

*100 PSI

Secondary equipment capacity load:

*450 g

I.D. available color label:

*NFPA *ISO

Cleaning:

*NFPA99 *ASTM B819

Trim plate:

Wall recessed:

*Zamak injection with chrome finish made.

To architectural equipment mount:

*High-strength ABS plastic injection in white or gray made.

Available gases in this technology:

		Medical Oxygen		WAGD
		Medical air		
		Vacuum		
		Nitrous Oxide		

*Complies with NFPA99 (Section 5.1.5) for equipment whose components have been factory assembled and mounted.

If the equipment was installed with non-original components and/or with modifications and alterations carried out by third parties, **GRUPO ARIGMED disclaims any liability that may cause injury and damage to persons and property, and factory certifications and warranties will be automatically voided.**