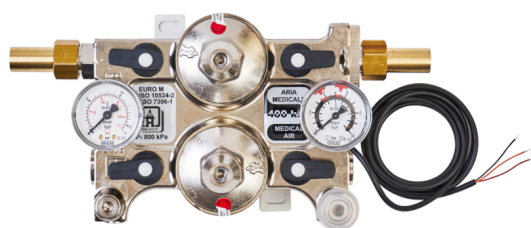


Medical gas devices



Second stage unit without area valve

Product description

The 2nd stage unit is made of cast CW614N chemically nickel-plated brass. The regulator body has two decompression lines with two EURO regulators connected in by-pass through four ball valves, two on the inlet and two on the outlet of the same. One pressure gauge measures the pressure upstream of the regulators and another pressure gauge with electrical contacts measures the outlet pressure. All the valve seats and pressure gauges are fitted with check valves to prevent gas leaks when servicing. The inlet and outlet connections are made using a Ø16 mm weld-on pipe. The unit also has a block for physical

disconnection.

Normatives

UNI EN ISO 10524-2:2006 | UNI EN ISO 7396-1:2013 | NF S 90-116 | UNI EN ISO 9001:2008 | UNI CEI EN ISO 14971:2012 | UNI 9507:2004 | UNI CEI EN ISO 13485:2004 | UNI EN ISO 15001:2012 | UNI EN ISO 18082:2015

Components

- N. One regulator body made of cast CW614N chemically nickel-plated brass.
- N. One Ø16 mm weld-on pipe inlet connection.
- N. One Ø16 mm weld-on pipe outlet connection.
- N. One sintered bronze inlet filter.
- N. Two shut-off valves upstream of each regulator with check valves.
- N. Two shut-off valves downstream of each regulator with check valves.
- N. One emergency gas-specific socket.
- N. One block for physical disconnection.
- N. One pressure gauge to show system pressure, range 0-16 bar, class 2.5.
- N. One pressure gauge with contacts that measures the outlet pressure, range 0-16 bar, with 3.8 bar and 5.6 bar threshold, class 2.5.
- Stainless steel springs.
- VITON or NBR membrane.
- VULKOLLAN regulator seat ring.

Product codes

SOCKET	GAS	CODE	CATALOGUE NO.
AFNOR NF S 90-116	OXYGEN	HG080NAAFN	1244559/R
AFNOR NF S 90-116	NITROUS OXIDE	HG081NAAFN	1244856/R
AFNOR NF S 90-116	AIR 400	HG082NAAFN	1244860/R
NIST EN 739	AIR 800	HG083NANST	1244864/R
AFNOR NF S 90-116	CARBON DIOXIDE	HG084NAAFN	1244867/R
AFNOR NF S 90-116	NITROGEN	HG085NAAFN	1244871/R

Technical data

CODE	GAS	SOCKET	Ø INLET - OUTLET	Q max.	P ₁ max.	P ₂	WIEGHT
HG080NAAFN	OXYGEN	AFNOR NF S 90-116	16 mm - 16 mm	30 Nm³/h	10 bar	4,5 bar	5,2 kg
HG081NAAFN	NITROUS OXIDE	AFNOR NF S 90-116	16 mm - 16 mm	30 Nm³/h	10 bar	4,5 bar	5,2 kg
HG082NAAFN	AIR 400	AFNOR NF S 90-116	16 mm - 16 mm	30 Nm³/h	10 bar	4,5 bar	5,2 kg
HG083NANST	AIR 800	NIST EN 739	16 mm - 16 mm	50 Nm³/h	10 bar	8 bar	5,2 kg
HG084NAAFN	CARBON DIOXIDE	AFNOR NF S 90-116	16 mm - 16 mm	30 Nm³/h	10 bar	4,5 bar	5,2 kg
HG085NAAFN	NITROGEN	AFNOR NF S 90-116	16 mm - 16 mm	30 Nm³/h	10 bar	4,5 bar	5,2 kg

Technical Images

