



Medical gas devices



ECO/7 EVO pressure reducer panel



Organismo Notificato n. 0476
Notified Body nr. 0476

Product description

Medium/high flow rate control panel for medicinal gases, available both with automatic exchange and manual reset and fully automatic; both versions are available with pressure transducer or with pressure switch; consisting of two double-head reduction lines, it guarantees continuous supply with high pressure stability; the outlet connector is for a Ø 22 mm welded pipe; its maximum flow rate with nitrogen at 9 bar outlet pressure is 90 Nm³/h, 1500 NI/min; the panel is completed by a steel plate and a white PETG cover that is light and practical to install.

Normatives

UNI EN ISO 10524-2 | UNI EN ISO 7396-1 | UNI EN ISO 15001

Components

- No. 2 451 high pressure reducers in CW614N brass and pressure regulation with stainless steel threaded dowel.
- No. 2 451 low pressure reducers in CW614N brass and pressure regulation with stainless steel threaded dowel.
- No. 4 overpressure relief valves incorporated in CW614N brass reducers.
- No. 1 outlet with connector for Ø22 mm welded pipe.
- No. 2 high pressure shut-off valves in CW614N brass, with gas specific inlets;
- No. 2 low pressure shut-off valves for maintenance.
- No. 2 non return valves in CW614N brass.
- No. 2 high pressure gauges with electric contact, 0-315 bar scale, class 2.5.
- No. 2 low pressure gauges, 0-16 bar scale, class 2.5.
- No. 2 sintered bronze filters in entrance, for all gases except N20 (INOX);
- No. 2 pressure transducers or no. 2 pressure switches depending on the model.
- Stainless steel springs.
- EPDM PEROX membrane.
- NYLON seat.
- O-Ring EPDM PEROX.
- NYLON gaskets.
- PETG white cover.
- Metal fixing plate with powder coated finish.

Maintenance kit

CODE	DESCRIPTION
HK080HF	MAINTENANCE EQ REDUCTION BLOCK ECO EVO H.F.
HK080R1	MAINTENANCE EQ ECO EVO REDUCER BLOCK

Technical data

CODE	GAS	Q max.	P ₁ max.	P ₂	INVERSION	ALARM SIGNAL	INLET CONNECTION	OUTLET CONNECTION
HQ066OX09EAP	O ₂	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE SWITCH	UNI-2	Ø 22 mm weld-on pipe
HQ066OX09ESP	O ₂	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE SWITCH	UNI-2	Ø 22 mm weld-on pipe
HQ066AI09EAP	Air	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE SWITCH	UNI-6	Ø 22 mm weld-on pipe
HQ066AI09ESP	Air	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE SWITCH	UNI-6	Ø 22 mm weld-on pipe
HQ066NO09EAP	N ₂ O	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE SWITCH	UNI-9-DIN-11	Ø 22 mm weld-on pipe
HQ066NO09ESP	N ₂ O	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE SWITCH	UNI-9-DIN-11	Ø 22 mm weld-on pipe
HQ066CD09EAP	CO ₂	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE SWITCH	UNI-10	Ø 22 mm weld-on pipe
HQ066CD09ESP	CO ₂	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE SWITCH	UNI-10	Ø 22 mm weld-on pipe
HQ066NI09EAP	N ₂	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE SWITCH	UNI-5	Ø 22 mm weld-on pipe
HQ066NI09ESP	N ₂	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE SWITCH	UNI-5	Ø 22 mm weld-on pipe
HQ066OX09EAT	O ₂	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE TRANSMITTER	UNI-2	Ø 22 mm weld-on pipe
HQ066OX09EST	O ₂	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE TRANSMITTER	UNI-2	Ø 22 mm weld-on pipe
HQ066AI09EAT	Air	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE TRANSMITTER	UNI-6	Ø 22 mm weld-on pipe
HQ066AI09EST	Air	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE TRANSMITTER	UNI-6	Ø 22 mm weld-on pipe
HQ066NO09EAT	N ₂ O	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE TRANSMITTER	UNI-9-DIN-11	Ø 22 mm weld-on pipe
HQ066NO09EST	N ₂ O	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE TRANSMITTER	UNI-9-DIN-11	Ø 22 mm weld-on pipe
HQ066CD09EAT	CO ₂	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE TRANSMITTER	UNI-10	Ø 22 mm weld-on pipe
HQ066CD09EST	CO ₂	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE TRANSMITTER	UNI-10	Ø 22 mm weld-on pipe
HQ066NI09EAT	N ₂	90 Nm ³ /h	200 bar	9 bar	AUTOMATIC	PRESSURE TRANSMITTER	UNI-5	Ø 22 mm weld-on pipe
HQ066NI09EST	N ₂	90 Nm ³ /h	200 bar	9 bar	SEMI-AUTOMATIC	PRESSURE TRANSMITTER	UNI-5	Ø 22 mm weld-on pipe

