



Emergency inlet station (Q = 40 Nm³/h)

IDENTIFICATION

- ▶ Emergency decompression station for medical gas distribution, max flow rate 40 Nm³/h
- ▶ Pressure monitoring by means of pressure transducers or pressure switches (optional)
- ▶ Mounted on painted AISI 430 stainless steel frame including removable cover
- ▶ Laser-marked plate indicating production lot and product code

CE MARKING

Notified body: 0426

CE marking in risk class II B, according to Directive 93/42/EEC

REFERENCE STANDARD

ISO 10524-2: "Pressure regulators for use with medical gases- Part 2: Manifold and line pressure regulators"

ISO 7396-1: "Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum"

ISO 15001: "Anaesthetic and respiratory equipment. Compatibility with oxygen"

* Validity of the standards is referred to the current year



- ▶ Pressure regulator maximum flow rate: 40 Nm³/h
- ▶ Inlet connection: W 21.7 x 1/14" male
- ▶ Outlet connection: Ø=16x1 mm copper pipe
- ▶ Maximum inlet pressure: 220 bar
- ▶ Outlet pressure: 7 ÷ 10 bar
- ▶ Safety valve opening pressure: 14 bar

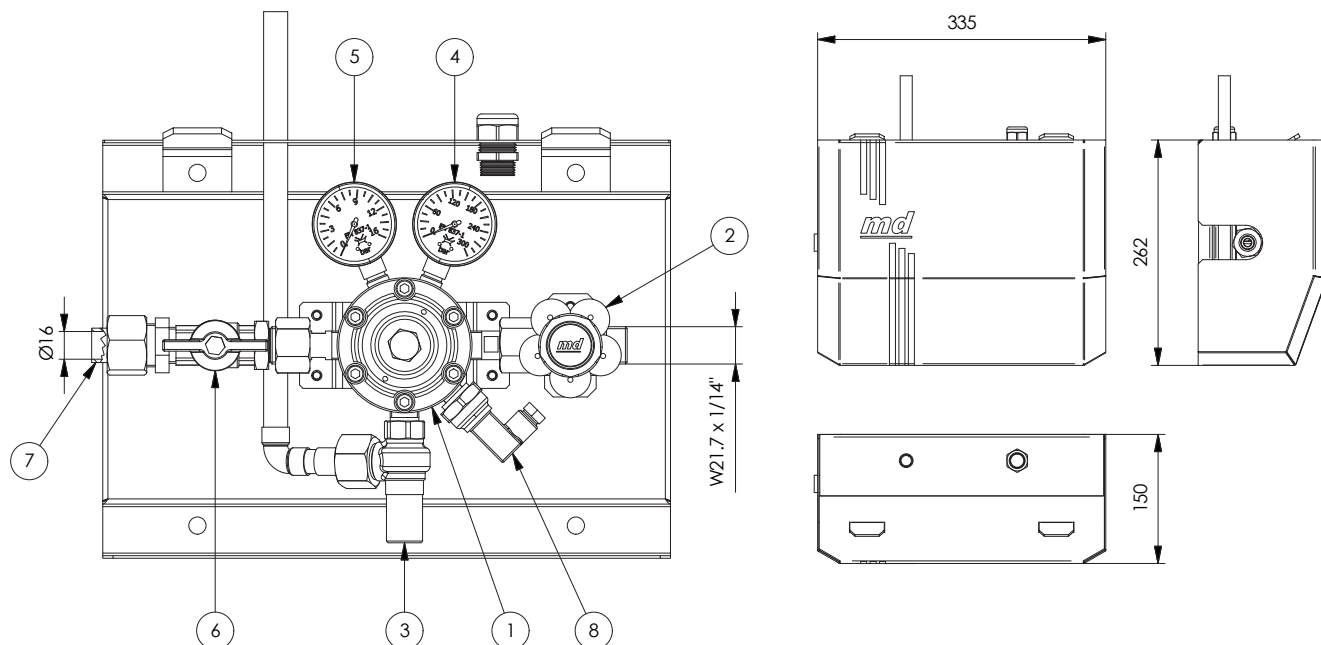
- ▶ Storage and working temperature: -20 °C ÷ +60 °C
- ▶ Inlet pressure gauge precision class and scale: 2.5; 0 ÷ 315 bar (0 ÷ 100 bar for N₂O and CO₂)
- ▶ Outlet pressure gauge precision class and scale: 2.5; 0 ÷ 16 bar;
- ▶ Inlet degree of filtration: ≤ 24 µm



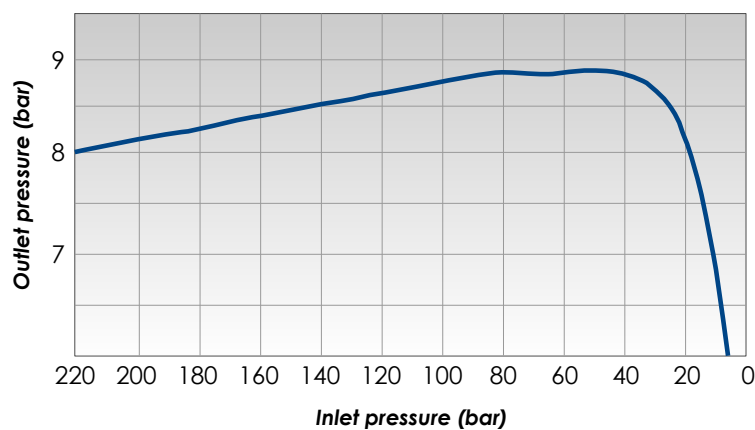


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DIMENSIONS

**KEY:**

- 1. Pressure regulator
- 2. HP inlet valve
- 3. Safety valve with outlet fitting for Ø 14 mm pipe welding
- 4. High pressure gauge
- 5. Low pressure gauge
- 6. Outlet ball valve
- 7. Outlet fitting for pipe welding
- 8. [optional] HP pressure transducer or pressure switch

1ST STAGE REGULATOR PRESSURE CHARACTERISTIC, Q₁ = 40 Nm³/h

CODE	GAS	OPTIONS			PACKAGING		
		PRESSURE TRANSDUCER		PRESSURE SWITCH	type	cm	kg
		CODE	SCALE	CODE			
PF-5321-00O2	O ₂	KT-2210-0250	0-250 bar	KT-2200-HWA1	box	38 x 31 x 20	8
PF-5321-00AC	Air	KT-2210-0250	0-250 bar	20 bar calibraton	box	38 x 31 x 20	8
PF-5321-0N2O	N ₂ O	KT-2210-0100	0-100 bar	KT-2200-HWB2	box	38 x 31 x 20	8
PF-5321-0CO2	CO ₂	KT-2210-0100	0-100 bar	11 bar calibraton	box	38 x 31 x 20	8

