



HOSPITAL CENTRAL GAS SYSTEM

PRESSURE MONITOR DN15

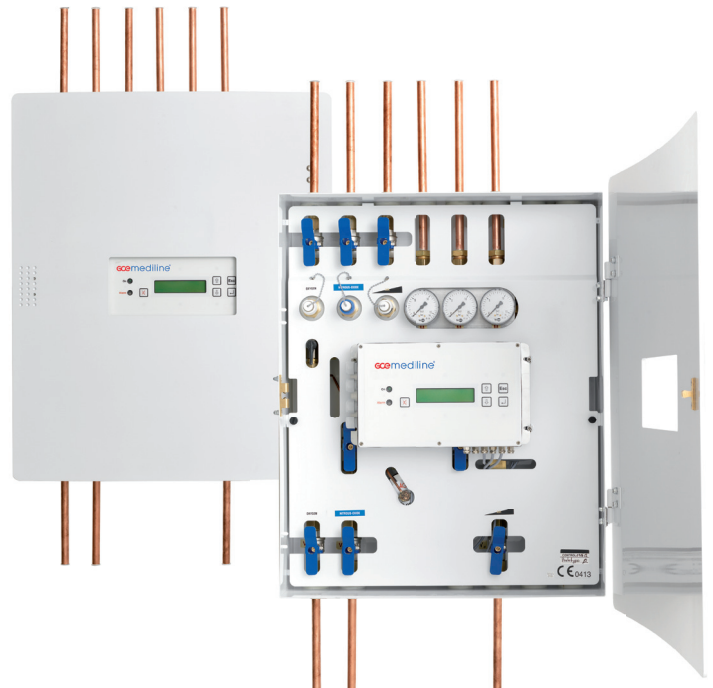
EDITION 1/2012

The pressure monitor makes sure that the lower operating pressure for nitrous oxide compared to oxygen is kept.

When the spare supply is used to keep the gas division going, the pressure monitor will supervise the operating pressures to make sure that these are within the established standards. Furthermore, an optic and acoustic signal to a manned area will be obtained. The pressure monitor is equipped with a digital pressure reading unit (MC 7701). The surveillance is done by pressure transmitters.

THE FOLLOWING GASES ARE UNDER SURVEILLANCE:

breathing oxygen, nitrous oxide, and instrument air. Alarm is indicated by an acoustic and and visual signal at the same time as the exact cause of the alarm is written on the display. This happens if the gas pressure rises above or sinks below the set maximum or minimum limits respectively. The pressure monitor is also equipped with bayonet coupling for breathing oxygen, nitrous oxide, breathing air, and instrument air. When necessary, it is possible to connect spare gas to these.

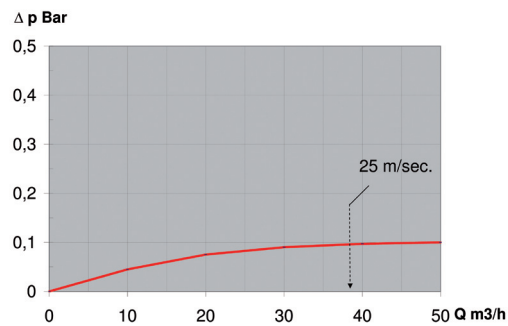




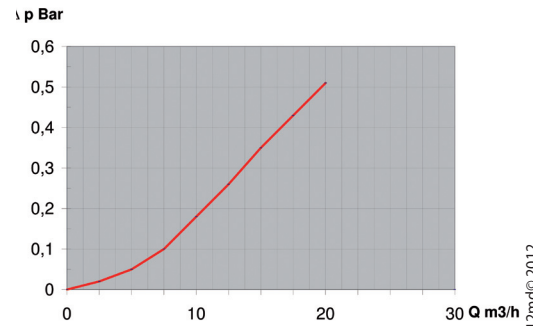
TECHNICAL DATA

Capacity emergency supply at 500 kPa (5 bar) and pressure drop 0,5 bar	approx 380 litres/min
Capacity normal supply at 500 kPa (5 bar) and pressure drop 0,5 bar	approx 780 litres/min
Max. inlet pressure	1000 kPa (10 bar)
Group regulator capacity at inlet pressure 3 bar	150 l/min
Mounting measurements (outside dimensions)	Width 549 mm
	Height 633 mm
	Depth 128 mm
DN15 Pressure monitor	Width 555 mm
	Height 689 mm
	Mounting depth max 138 mm
Regulatory status	Complies with Medical Devices Directive 93/42/EEC.
	Complies with EN ISO 7396-1 (Central Gas Supply System)

Art. Nr.	Denomination	Inlet pipe	Outlet pipe	ES pipe
0732818	For 2 gases O ₂ , Air	ø15	ø15	-
0732819	For 3 gases O ₂ , N ₂ O, Air	ø15	ø15	-
0732820	For 4 gases O ₂ , N ₂ O, Air, Air-800	ø15	ø15	-
0732821	For 2 gases O ₂ , Air with ES	ø15	ø15	ø15
0732822	For 3 gases O ₂ , N ₂ O, Air with ES	ø15	ø15	ø15
0732823	For 4 gases O ₂ , N ₂ O, Air, Air-800 with ES	ø15	ø15	ø15



Pressure drop test. Inlet pressure 5 bar



Pressure drop test. Inlet pressure 5 bar. Emergency QC inlets.



Gas Control Equipment

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