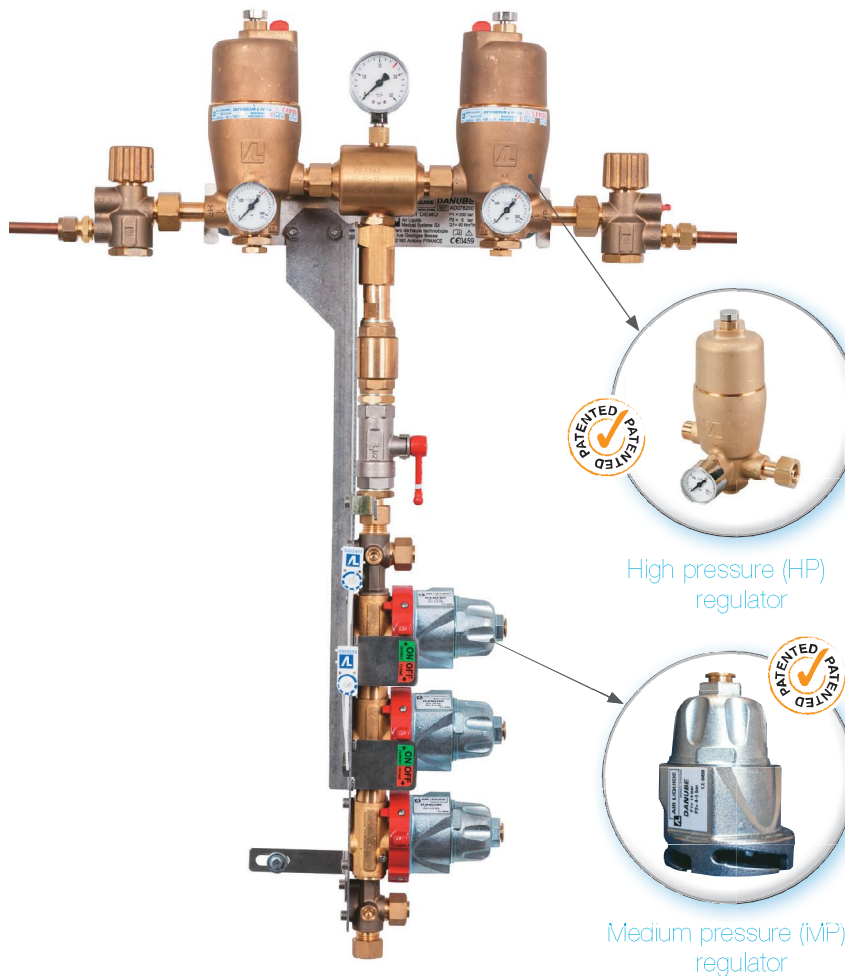


# For single or double stage networks

*The Danube high pressure gas station is the essential component for the distribution of compressed medical gases.*

*This high pressure regulation unit is placed upstream from the pipe network, to which various essential accessories are added to connect the cylinders and make the distribution of medical gases safe.*

From the source



## Modular configuration

- Compatible with all medical gases
- Available for single or double stage network standard
- With two maximum flow rates: 40 or 80 Nm<sup>3</sup>/h
- Exterior or interior mounting and direct or grid mounting

## Simplified installation

- Reduced weight and dimensions
- Two-part equipment
- Use of standard tools
- Quick and intuitive assembly by just one technician

## Ultra-reliable operation

- 100% automatic pneumatic inversion
- Piston regulator with patented valve
- Stable pressure guaranteed thanks to its two-stage pressure reduction system
- Immediate pressure readings (manometer always visible)

## Expertise in medical gas

- Perfect adaptability for all medical gases
- Optimised assembly time
- Continuous supply for patient safety

## Did you know?

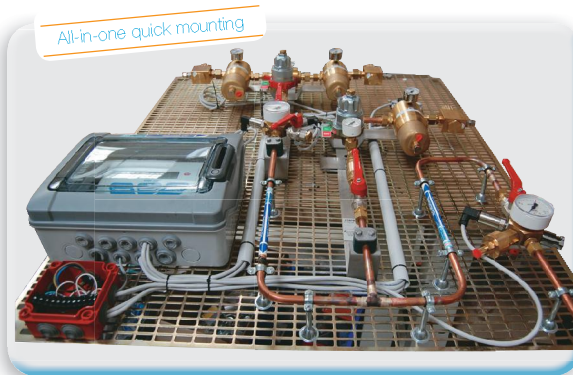
An 80m<sup>3</sup>/h flow rate supplies an 800-bed hospital at least (according to appendix M of HTM 02-01).

# Danube high pressure gas station

The Danube high pressure gas station can be installed outdoors or indoors and according to two types of mounting: directly on a wall or pre-mounted on a grid.



Toolbox:  
Spirit level, drill, screwdriver, clamp, torque spanner, and workbench.



Pre-mounted configuration on a grid



Configuration mounted directly on a wall

## References

Single stage network		
Designation	Reference	Detail
Danube main station SSN	AD078200	5 bar & 80 m³/h
Danube back-up station SSN	AD078300	5 bar & 80 m³/h
Danube main station SSN	AD078500	5 bar & 40 m³/h
Danube back-up station SSN	AD078600	5 bar & 40 m³/h
Danube back-up module HP SSN	AD078400	9 bar & 40-80 m³/h

## References

Double stage network		
Designation	Reference	Detail
Danube main station DSN	AD078000	9 bar & 80 m³/h
Danube back-up station DSN	AD078100	7 bar & 80 m³/h

## Specifications

Available gases	O <sub>2</sub> , Air, N <sub>2</sub> O, CO <sub>2</sub> , N <sub>2</sub> (Not compatible with acetylene and corrosive gases)
Number of cylinders	Configuration from 1 to n cylinders
Inlet pressure	Up to 200 bar
Outlet pressure	SSN: Between 4 and 5 bar (preset to 5 bar) DSN: Between 8 and 9 bar (preset to 8.5 bar)
Inlet fitting	A double ring for copper tube 5x10 mm
Outlet fitting	A double ring for copper tube 12x14 mm
Dimensions	SSN: Main: 456x772 (mm) Back-up: 236x714 (mm) DSN: Main: 456x608 (mm) Back-up: 236x714 (mm)
Weight	Main unit: Between 13.5 kg and 16.7 kg according to product ref. Back-up unit: Between 6.1 kg and 9.5 kg according to product ref.
Regulatory compliance	Class IIb medical device with CE 0459 marking, manufactured by Air Liquide Medical Systems S.A. ISO 7396-1 and ISO 10524-2 standards. Read the user manual carefully.
Life time	15 years