

Gas pre-heater 250W



Product features

- For the efficient heating process of highly compressed inert and non-corrosive gases.
- helps to prevent the icing of the downstream accessories by heating the medium.
- guarantees reliability during continuous operation through double temperature control which prevents overheating .
- Equipped with plug, 2 m cable, with connections for the different gas types and a light-emitting diode (green) for "Heating ON" .

The GasiQ gas pre-heater helps to prevent icing of the regulators or the fittings which are installed at the gas cylinders (Argon, Carbon Dioxide (CO₂), Laughing Gas, Oxygen or Nitrogen) or at the gas manifold systems where icing could be caused by expansion cooling.

Using gas pre-heaters reliably prevents reduction of the flow rate and associated interruptions of the production process.

Maintenance:

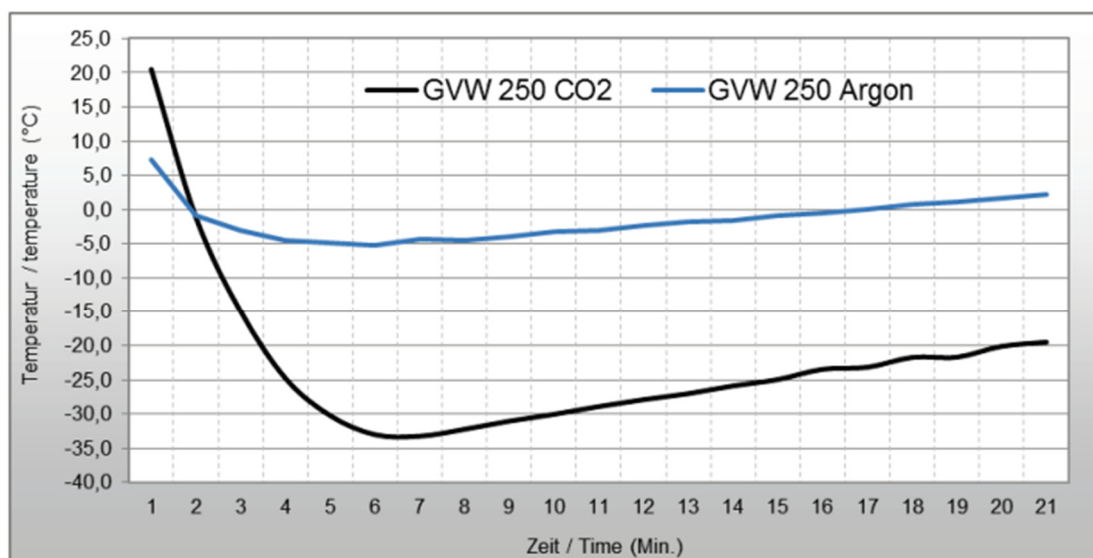
Visual inspections for damages or contaminations are to be carried out periodically. Gas pre-heaters are only to be opened and repaired by the manufacturer!

Technical data

Gas type	Oxygen(O)	Inert gas(N)	Nitrogen(N2)	Laughing gas(N2O)
Working pressure	20,0 MPa			
	200 bar			
Threads:	21.8x1/14RH		24.32x1/14RH	
Electric data:	Voltage/Power		Connection	
	230V/50Hz/250W		Plug with 2 m cable	
	Protection class		Switches	
	Plug:IP 44 / Cage: IP 65		Temp.switch 45+ / -3°C	
			Temp. Limiter 70+ / -5°C	
Measure and weight:	Widht	Height	Weight	
	86mm	61mm	2300g	

Type: GVW 250

The figure shows the temperature curve for the gas withdrawal out of 1 cylinder carbon dioxide (CO₂) or argon with cylinder regulator at a constant flow of 10 Nm³/h at 6 bar.



(Ambient temperature 20°C)