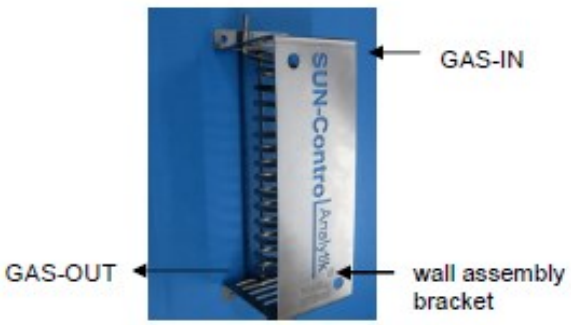
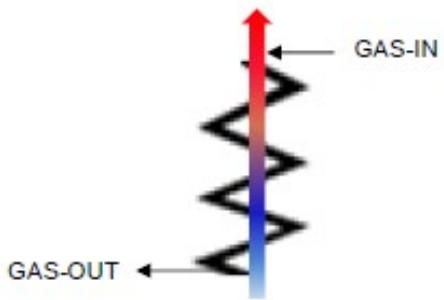
Spiral for lowering temperature model SPENIV matierial stainless steel

- For temperature reduction of process gases
- Functional design bracket for wall mounting
- Made in Germany

Functional description:
The Spiral Model SPENIV is designed for continuous temperature reduction/leveling of process gases
The convective heat transfer brings the sample gas to a lower temperature level.
Via a Water-Trap (model WT20.48, WT 20.83) the condensate can be removed.
The spiral can also be switched in front of electric gas coolers (model GT5).

Schematic representation:





Technical specifications:

Scope of delivery:	Spiral, wall assembly bracket
Materials used:	Stainless steel type 1.4571 (option 3.1 material certificate)
Operating pressure:	0 – 100 bar (higher operating pressures on request)
Operating temperature:	+ 5°C to +350°C (higher temperatures on request)
Gas flow:	0 – 180 l air/h
Pressure drop at 60 l air/h:	approx. 5 mbar
Pressure drop at 180 l air/h:	approx. 15 mbar
Spiral:	Length 3 mtr., volume 60 ml, material Stainless steel type 1.4571
Temperature reduction:	approx. 30 K at 180 l air/h, approx. 60 K at 120 l air/h
Advice:	The specified temperature reduction (GAS-IN / GAS-OUT) is dependent by the ambient temperature, Gas inlet temperature, pressure, gas composition, moisture content and other parameters
Dimensions, weight:	Width 270 mm, height 210 mm, depth 270 mm, 3 kg
Gas connections:	GAS-IN 6 mm pipe nozzle GAS-OUT 6 mm pipe nozzle
Assembly:	Wall mounting with assembly bracket (included in scope of delivery)
Language operating instructions:	German and English (included in the scope of delivery) Spanish, Italian, French, Russian upon request

The design is subject to a legal protection of utility patents (registered number DE 20 2017 103 071)

Prices and order numbers:

Item	Item number	
Spiral to reducing process gas temperature modell SPENIV, in accordance with technical specifications	SPENIV	