

PERFORMANCE DATA

Model	US-411
Nominal Diameter	DN20
Minimum Flowrate q_i (m ³ /h)	0,025
Perminent Flow q_p (m ³ /h)	2.5
Maximum Flow q_s (m ³ /h)	5.0
Temperature θ_q	1...105 °C (Pt1000)
Measurement $\Delta\theta$	3...70 K (Pt1000)
Range of Operation θ	4...95 °C (Pt1000)
Measurement Class	Class 2 (EN 1434)
Operating Preassure	1.6 MPa
Preassure Loss at Nominal Flow	25 kPa
Temperature Sensor Type	Pt1000
Sensor Cable Length	1.5m
Battery	3.6V lithium battery
Comm. Interface	Smart Card / wM-Bus or LoRa (Optional)
Display	Power: kW, Cumulative Heat Counter: kWh, Counter Range: 0-99999999 Transitional Flow: m ³ /h, Cumulative Flow: m ³ , Input Temperature&Output Temperature: °C Temperature Difference: °C, Cumulative Heat Input Period: s, Date: D/M/Y, Time: h/m/s
Display Resolution	Heat Amount: 0,001 kWh-1 kWh, Cumulative Flow: 0.001 m ³ -1 m ³ , Temperature: 0.01°C, Temperature Difference: 0.01 °C
Operating Temperature	+5°C to +55°C
Weight (kg)	1,33
Installation	Return Pipe (heat Meter's Temperature Sensors are compatible for assembling them to output pipeline) (Standard) Flow Pipe (heat Meter's Temperature Sensors are compatible for assembling them to input pipeline) (Optional)
Protection Class	IP68
Mechanical Class	M1
Electromagnetic Class	E1
Environmental Class	A



Model	DN (mm)	Dimensions (mm)			
		Length	Width	Heigth	Connection
US-411	20	190	91	148	G1"

"Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice."

COMPACT DESIGN

- » Flowmeter, the calculation unit and temperature sensors and that the device is calibrated together.
- » With the Ultrasonic Principle, thanks to the compact design makes fully electronic measurement, assembly is mounted in the field easily.
- » Because of large display and simple menus easily and quickly counter with that the reading of the value.
- » Compatible for prepaid applications with built-in spherical valve.