


PERFORMANCE DATA			US-411							
Nominal Diameter	DN	mm	15	20	25	32				
Maximum Flowrate	qs	(m ³ /h)	3	5	7	12				
Permanent Flowrate	qp	(m ³ /h)	1,5	2,5	3,5	6				
Minimum Flowrate	qi	(m ³ /h)	0,015	0,025	0,035	0,06				
Accuracy Class	-	Class 2	Wide range of products with heating, cooling and heating/cooling measurement options to meet your needs diameter from DN15 to DN32							
Environmental Class	-	Class A								
Type Of Temperature Sensor	-	PT 1000								
Electromagnetic Environmental Class	-	E1								
Minimum-Max. Water Temperature	°C	4 - 95								
Maximum Working Pressure	Bar	16								
Limits of temperature difference	K	3 - 70								
Mechanical Class	-	M1								
Connection Position	-	All positions								
IP Protection	-	IP66/68								
Pressure Loss at Permanent Flow	bar	0,1								
Sensor Cable Length	m	1,5								
Battery	V	3.6V Lithium battery								
Communication 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, - 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	°C	+5°C ile +55°C								
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)								
Connection Thread	D	mm					G 3/4 B	G 1 B	G1 1/4 B	G1 1/2 B
Construction Length	L	mm					190	190	225	230
Width	B	mm	91	93	91	91				
Total Overall Meter Height	H	mm	147	133	153	161				
Weight		kg	1,30	1,33	1,54	1,55				

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.

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