

Model	DN (mm)	Dimensions (mm)					
		D Connecting diameter	L Length	LB Length with connections	H Height	h Axis height	W Width
US-1	15	G 3/4 B	130	207,2	130,85	19,2	80
US-2	20	G1 B	130	206	130,8	19,2	80
US-3	25	G1 1/4 B	160	277	133,35	21,7	80
US-4	32	G1 1/2 B	180	308,8	145,2	23,92	80
US-5	40	G2 B	200	338	145,2	29,81	80
US-6	50	-	200	-	191,2	70,5	163,5
US-7	65	-	200	-	208,2	85,5	183,5
US-8	80	-	225	-	219,2	93,5	198,59
US-9	100	-	250	-	233,7	100	218,62
US-10	125	-	250	-	233,7	100	218,62
US-11	150	-	300	-	284,2	132,5	283,84
US-12	200	-	350	-	329,7	160	338,88



Model	US-1	US-2	US-3	US-4	US-5	US-6	US-7	US-8	US-9	US-10	US-11	US-12
Nominal Diameter	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200
Maximum Flowrate q_s (m ³ /h)	3.0	5.0	7.0	12.0	20	30	50	80	120	200	300	500
Permanent Flowrate q_p (m ³ /h)	1.5	2.5	3.5	6.0	10	15	25	40	60	100	150	250
Minimum Flowrate q_i (m ³ /h)	0,015	0,025	0,035	0,06	0,1	0,15	0,25	0,40	0,60	1,00	1,50	2,50
Accuracy Class	Class 2											
Environmental Class	Class A											
Type Of Temperature Sensor	PT 1000											
Electro. Environmental Class	E1											
Minimum-Max. Water Temp.	4 - 95 °C											
Maximum Working Pressure	16 Bar											
Limits of temp. difference	3 - 70 K											
Mechanical Class	M1											
Connection Position	All positions											
IP Protection	IP66/68											
Pres. Loss at Permanent Flow	0,25 bar											
Sensor Cable Length	1,5 m											
Battery	3.6V Lithium battery											
Communication Interface	RF / LoRa® / M-Bus / wM-Bus / Pulse output, Modbus (Optional) / Optical port											
Display	Power: kW, Cumulative Heat Counter: kWh or MJ, 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: 0.1 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, +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)											
Weight (kg)	0,7	0,82	0,85	1,3	1,7	10,1	11,2	12,8	15,2	20,1	27,1	37,1

Wide range of products with heating, cooling and heating/cooling measurement options to meet your needs diameter from DN15 to DN200