

MECHANICAL HEAT METER

SJMA-15~20



The mechanical heat meter use advanced nonmagnetic technology, measures the flow volume and display the heat energy released or absorbed by water flow when passing through the heat exchange system.

The temperature range is 4~95°C.

Measurement unit: Kwh, Gcal, GJ.

Communication Interface choice:

1. M-BUS
2. RS-485
3. Pulse output

Features:

1. Lithium battery life: 10 years
2. Archive: 38 Months
3. Installation choice: Water supply pipeline or Water return pipeline
4. Installation: Horizontal/ Vertical
5. Accuracy: Class 2, meets EN1434
6. Top counter rotate: 360 degree
7. Measuring range ($q_s/q_i = 100:1$)
8. Temperature sensor: PT 1000
9. Environment standard Class: A
10. Min. temperature difference: 3°C
11. Water pressure: $\leq 1.6\text{Mpa}$

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Models and Specifications

Model	Qn(m³/h)	Length(mm)	DN(mm)	Sensor length	Display	Communication interface	Class
SJMA-15-0.6	0.6	110	15	1.5m	Kwh, Gcal, GJ	M-BUS, RS-485, Pulse output	2
SJMA-15-1.5	1.5	110	15	1.5m	Kwh, Gcal, GJ	M-BUS, RS-485, Pulse output	2
SJMA-20-2.5	2.5	130	20	1.5m	Kwh, Gcal, GJ	M-BUS, RS-485, Pulse output	2

Main Technical Parameters:

Normal DN	mm	15	15	20
Qn	m³/h	0.6	1.5	2.5
Qmax	m³/h	1.2	3	5
Qmin	m³/h	0.012	0.03	0.05
Body thread	----	G¾"B	G¾"B	G1"B
Connection thread	----	½"	½"	¾"
Height	mm	90	90	90
Length	mm	110	110	130
Pressure loss (KPa/Qp)		8	21	23

