

# VALVE CONTROL HEAT METER

## ULTG-15~25



The valve control ultrasonic heat meter measures the flow volume and displays the heating or cooling energy released or absorbed by water flow when passing through the pipeline.

Valve control ultrasonic heat meter.  
The temperature range is 4~95°C.  
Measurement unit: Kwh, Gcal, GJ.  
Communication Interface choice:

1. M-BUS
2. RS-485
3. LoRa/LoRaWAN(EU868,RU868,IN865,US915 and customized)

### 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. Measuring range (qs/qj =100:1)
7. Temperature sensor: PT 1000
8. Environment standard Class: A
9. Temperature range is 4~95°C
10. Temperature difference: 3~70K
11. Water pressure: ≤1.6Mpa

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### Models and Specifications

Model	Qn(m³/h)	Length(mm)	DN(mm)	Sensor length	Display	Communication interface	Class
ULTG-15	1.5	165	15	1.5m	Kwh, Gcal, GJ	1.M-BUS 2.RS-485 3.LoRa/ LoRaWAN	2
ULTG-20	2.5	195	20	1.5m	Kwh, Gcal, GJ		2
ULTG-25	3.5	225	25	1.5m	Kwh, Gcal, GJ		2

### Main Technical Parameters:

Normal DN	mm	15	20	25
Qn	m³/h	1.5	2.5	3.5
Qmax	m³/h	3	5	7
Qmin	m³/h	0.03	0.05	0.07
Body thread	----	G¾"B	G1"B	G1¼"B
Connection thread	----	½"	¾"	1"
Height	mm	105	110	115
Length	mm	100	100	100
Pressure loss (KPa/Qp)		18	11	20

