

Model: ULTA-15-40

## Ultrasonic Heat Meter

### Feature:

- Size: DN15 to DN40mm, (1/2" – 1 1/2")
- Communication interface choice:
  - (1) M-BUS
  - (2) RS-485 (Modbus)
  - (3) Pulse output
  - (4) LoRa/LoRaWAN 868MHz, 915MHz, Customized Frequency Requirement
  - (5) Water Meter Impulse output, connects Heat Meter, M-BUS/RS-485 output
- Lithium battery life: 10 years
- Archive: 38 Month data historical
- Installation choice: Water supply pipeline / Water return pipeline, Horizontal or Vertical installation
- Measuring range (q s/q i =100:1)
- Temperature sensor: PT 1000
- Environment standard Class: A
- Temperature range is 4~95°C, min.temperature difference: 3°C
- Water pressure: ≤1.6Mpa



### Main Technical Data:

Model	Qn (m <sup>3</sup> /h)	Length (mm)	DN (mm)	Sensor length	Display	Communication interface	Class
ULTA-15-0.6	0.6	110	15	1.5m	Kwh, Gcal, GJ	1.M-BUS 2.RS-485 3.Pulse output 4.LoRa/ LoRaWAN 5.Water Meter Impulse output, connects Heat Meter, M-BUS/RS-485 output.	2
ULTA-15-1.5	1.5	110	15				
ULTA-20	2.5	130	20				
ULTA-25	3.5	160	25				
ULTA-32	6	180	32				
ULTA-40	10	200	40				

Normal DN	mm	15	15	20	25	32	40
Qn	m <sup>3</sup> /h	0.6	1.5	2.5	3.5	6	10
Qmax	m <sup>3</sup> /h	1.2	3	5	7	12	20
Qmin	m <sup>3</sup> /h	0.012	0.03	0.05	0.07	0.12	0.2
Body thread	----	G <sup>3</sup> / <sub>4</sub> "B	G <sup>3</sup> / <sub>4</sub> "B	G1"B	G1 <sup>1</sup> / <sub>4</sub> "B	G1 <sup>1</sup> / <sub>2</sub> "B	G2"B
Connection thread	----	½"	½"	¾"	1"	1 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>2</sub> "
Height	mm	85	85	95	105	105	115
Length	mm	110	110	130	160	180	200
Pressure loss		≤0.02MPa					