wellmeter

# 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℃, min.temperature difference: 3℃
- Water pressure: ≤1.6Mpa

### Main Technical Data:

| Model | Qn ($m^3/h$) | 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<br>2.RS-485<br>3.Pulse output<br>4.LoRa/ LoRaWAN<br>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 | $m^3/h$ | 0.6 | 1.5 | 2.5 | 3.5 | 6 | 10 |
| Qmax | $m^3/h$ | 1.2 | 3 | 5 | 7 | 12 | 20 |
| Qmin | $m^3/h$ | 0.012 | 0.03 | 0.05 | 0.07 | 0.12 | 0.2 |
| Body thread | ---- | G¾"B | G¾"B | G1"B | G1¼"B | G1½"B | G2"B |
| Connection thread | ---- | ½" | ½" | ¾" | 1" | 1¼" | 1½" |
| Height | mm | 85 | 85 | 95 | 105 | 105 | 115 |
| Length | mm | 110 | 110 | 130 | 160 | 180 | 200 |
| Pressure loss | | ≤0.02MPa | | | | | |

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