

ULTRAHEAT T230



Heat Meter - Cooling Meter - combined H / C Meter

The smart ULTRAHEAT@T230 is the new generation of ultrasonic heat or cooling meter especially developed and optimized to meet all residential needs. The meter has impressive features; light in weight, robust, economic efficiency, user-friendliness, and its new individuality. Improved features made for easier handling and understanding.

At a glance

- Ultrasonic technology - precise, robust, non-wearing
- Compact, detachable calculator
- Easy readable display
- Temperature range: 5-90 °C
- Total dynamic range: 1:1000
- Storage for 24 monthly values
- 2 monthly set days and mid-month values
- Environmental-friendly construction
- Any mounting orientation without limitation
- Glass-fiber reinforced measuring tube - robust and lightweight
- Complies with the strict European MID
- Fast communication: wireless M-Bus, M-Bus, pulse output
- Battery operated up to 11 years (also with wireless M-Bus)



Technical Data

General		
Approval	MID (EN 1434)	
Protection class (flow part)	IP 54 / (IP65)	
LCD	7-Digit	
Energy units	kWh / MWh or MJ / GJ	
Temperature range	5-90	[°C]
Nominal pressure	PN16	[bar]
Max. diff. of temp.	80	[K]
Min. diff. of temp.	3	[K]
Switch-off limit	0.2	[K]

Threaded Connection				
Nominal flow rate (qp)	0.6	1.5	2.5	[m3/h]
Max. flow (qs)	1.2	3.0	5.0	[m3/h]
Min. flow (qi)	6	15	25	[l/h]
Operating limit	1.2	3	5	[l/h]
Mounting length	110	110 / 130	130	[mm]
Thread connection	G $\frac{3}{4}$	G $\frac{3}{4}$ / G1	G1	--
Pressure loss at qp (mounting length 110 mm)	75	135	--	[mbar]
Pressure loss at qp (mounting length 130 mm)	--	135	165	[mbar]

Benefits

- Offers a host of impressive and convincing technical advances, e.g.
 - + Significant low pressure loss
 - + Integrated communication
 - + Clever software features
- Ideal balance of price and performance, adapted to the requirements of residential heat metering
- Seamless end-to-end integration
- Reliable data for invoicing

Highlights

- High measuring accuracy and reliability
- Reduced CO2 emissions due to lightweight and environmentally friendly materials
- Cost-efficient AMR possibilities
- Extensive feature set for a small device