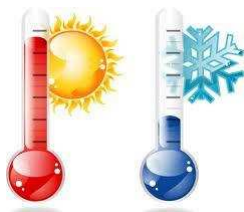




Ultrasonic Energy Meters for heating and cooling applications



Energy Metering Solutions



1. Display Button
2. Display
3. Temperature probe
4. Ultrasonic Transducer
5. Electronic Calculator Unit

Technical Characteristics

Metrological class	Class 2 EN1434
q_i	0.03 m ³ /h
q_p	1.5 m ³ /h
q_s	3.0 m ³ /h
θ_{max}	95 °C
Battery life	> 6 years
Protection class	IP54
Interface	M-BUS
Installation	Hor-Ver/Sup-Ret
PN	16 bar

The SND ultrasonic heat meter for heating and cooling is designed for residential metering applications. It employs the latest technology to guarantee durable high quality of measurement and outstanding long-term stability. This meter represents the trend of modern water and heat metering industry.

The sensor body is made by brass and has no moving parts, thus, it is virtually maintenance-free. It uses high quality paired PT1000 temperature sensors to ensure performance according to the EN 1434 standard. It can operate with water temperature up to 95 °C and nominal pressure of 16 bars its flow dynamic range is 100/2.

Model	q_p m ³ /h	q_s m ³ /h	q_i m ³ /h	Length mm	Connections
SND15-1.5	1,5	3,0	0,03	110	¾" M
SND20-2.5	2,5	5,0	0,05	130	1" M
SND25-3.5	3,5	7,0	0,07	160	1" ¼ M
SND32-6.0	6,0	12,0	0,12	180	1" ½ M
SND40-10	10,0	20,0	0,20	200	2" M
SND50-15	15,0	30,0	0,60	200	Fl. DN50
SND65-25	25,0	50,0	1,0	200	Fl. DN65
SND80-40	40,0	80,0	1,6	225	Fl. DN80
SND100-60	60,0	120,0	2,4	250	Fl. DN100
SND125-100	100,0	200,0	4,0	250	Fl. DN125
SND150-150	150,0	300,0	6,0	300	Fl. DN150
SND200-250	250,0	500,0	10,0	350	Fl. DN200
SND250-400	400,0	800,0	16,0	450	Fl. DN250
SND300-600	600,0	1.200,0	25,0	450	Fl. DN300
SND350-800	800,0	1.600,0	30,0	500	Fl. DN350
SND400-1200	1.200,0	2.400,0	48,0	500	Fl. DN400
SND450-1500	1.500,0	3.000,0	60,0	500	Fl. DN450
SND500-2000	2.000,0	4.000,0	80,0	500	Fl. DN500

