

HYDRUS Ultrasonic Hot Water Meter

EHM9015

Static ultrasonic water meter for accurate measuring and recording for all hot water applications.

FEATURES

- Open metering telegram
- Long-term stability under difficult conditions
- Leak detection
- Higher performance than class 2 requirements
- No calming sections required
- No measurement of air
- Design minimises sedimentation
- Mounting in any installation position
- Battery lifetime up to 16 years
- IP 68 permanent immersion
- Suitable for outdoor installation
- Displaying of error and alarm codes
- No over-run performance
- No magnetic influence
- Data logger for consumption values

OPTIONS

HYDRUS stocked with single check valve and radio. Other communication options on indent.

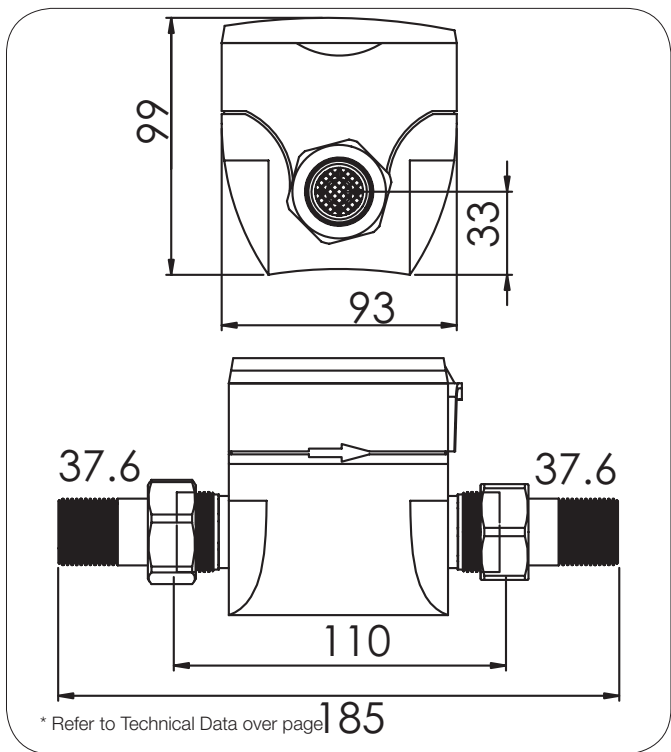


Product Codes

EHM9015VR	DN15 with Nut & Tail thread, single check valve and radio
EHM9015VL	DN15 with Nut & Tail thread, single check valve & radio/L-Bus
EHM9015VM	DN15 with Nut & Tail thread, single check valve and M-Bus

Technical Data

Medium temperature range	1 - 90°C
Temperature safety	1 - 120°C
Ambient operating Temp	1 - 70°C
Ambient storage temperature	-20 - +50°C
Nominal pressure	1600 kPa
Power supply	Two 3.6 VDC lithium batteries
Battery lifetime	Up to 15 years
Interfaces	Optical, radio 434 MHz, M-Bus, L-Bus, pulse
Data storage	For events and for consumption values
Strainer	Included
Check Valve	1 Included
Couplings	2 included
Protection class	IP 68
Accuracy class	2



Version: Apr 17

Call 1300 369 273
www.enware.com.au/metering

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Technical Data Display

Display indication	LCD, 8-digit							
Unit	kL/hr	L/hr	kL	L	°C	°F	hr	d
Values displayed	Current total volume, Current flow rate, Remaining battery life (date), Error and alarms, Software version, Display test							

Interfaces

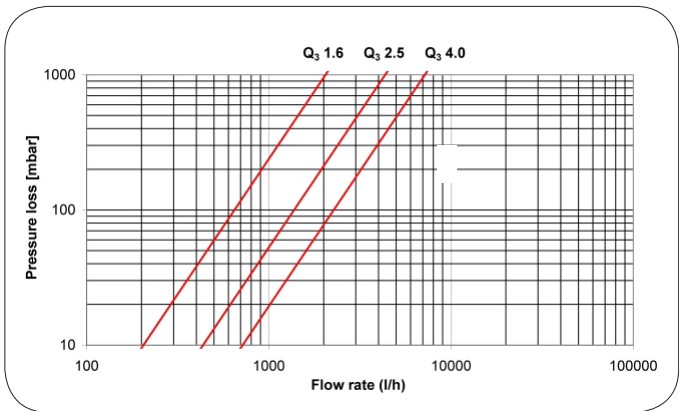
Optical (standard)	For configuration of display and radio telegram, for testing optical test pulses, to switch to the various displays (standard on all meters)
Radio (stocked)	434 MHz, real data telegram (configurable), Open Metering Standard
M-Bus	Automatic baud rate detection, configurable telegram, cable length 1.5 m
L-Bus	In combination with radio, cable length 1.5 m
Pulse	Two configurable pulse outputs, cable length 1.5 m



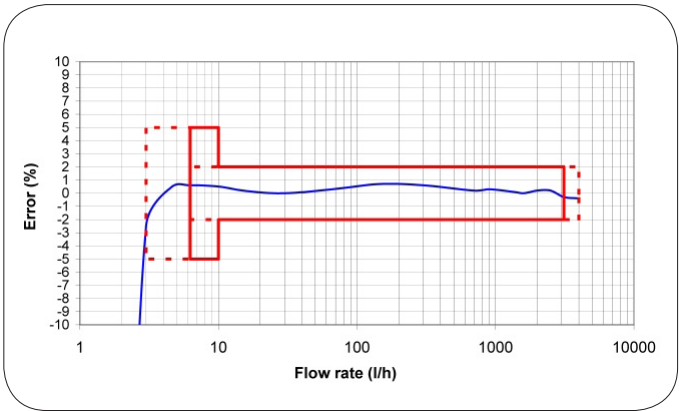
Technical Data

SIZE		FLOW RATES (l/hour)				METER LENGTH (mm)		END CONNECTION	
DN	Q3	Q3/Q1	Q1	Q2	Q4	L1	L2	Meter	Coupling
15	4000	200	20	32	5000	110	185	R3/4 BSP	R1/2 BSP
		250	16	25.6					
		315	12.7	20.3					
		400	10	16					

Pressure Loss Graph



Typical Error Graph



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