

Sydney Water HYDRUS Ultrasonic Cold Water Meter

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

EHM5020SW-B

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

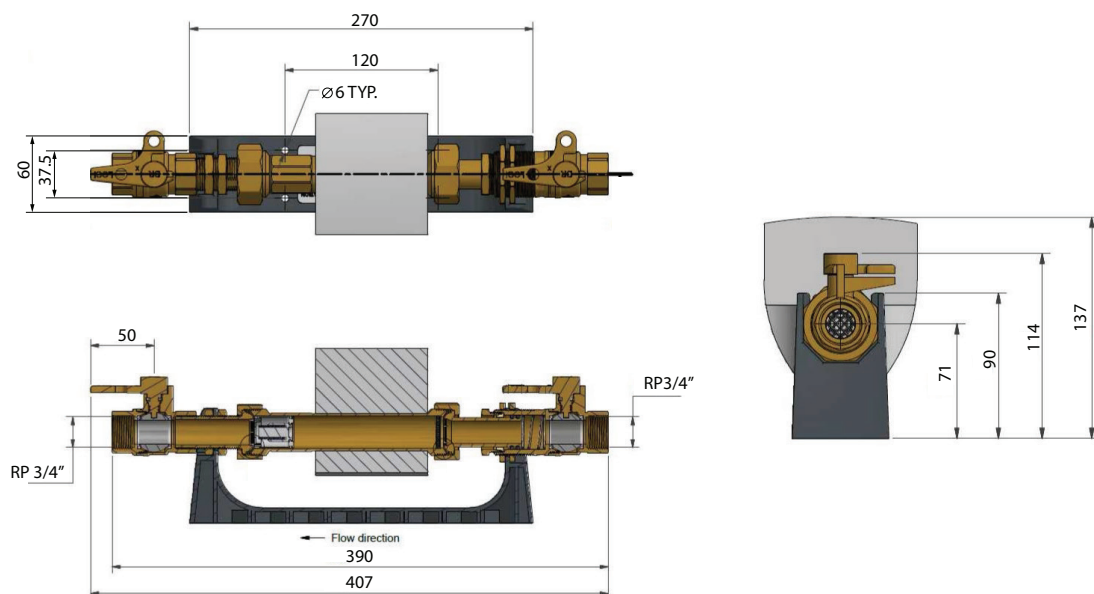


Product Codes

EHM5020SW-B HYDRUS COLD 20MM SYDNEY WATER RADIO WITH BRACKET

General Data

Medium temperature range	1 - 50°C	Data storage	For events and for consumption values
Temperature safety	1 - 90°C	Approval	NMI R49, AS3565.1, AS3565.3
Ambient operating temperature	1 - 70°C	Strainer	Included
Ambient storage temperature	-20 - +50°C	Check Valve	Dual Check
Nominal pressure	1600 kPa	Couplings	2
Power supply	Two 3.6 VDC lithium batteries	Protection class	IP 68
Battery lifetime	Up to 16 years	Accuracy class	2
Interfaces	Optical, radio 434 MHz		



Version: Aug 19

Call 1300 369 273
www.enware.com.au

Enware Australia Pty Limited
9 Endeavour Rd Caringbah NSW 2229 Australia
Ph: 02 8536 4000 info@enware.com.au



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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

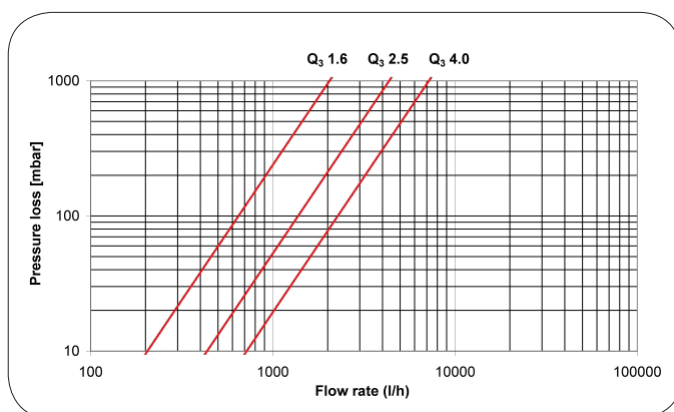
Optical (standard)	For configuration of display and radio telegram, for testing optical test pulses, to switch to the various displays (standard on all meters)
Radio (stocked)	434 MHz, real data telegram (configurable), Open Metering Standard



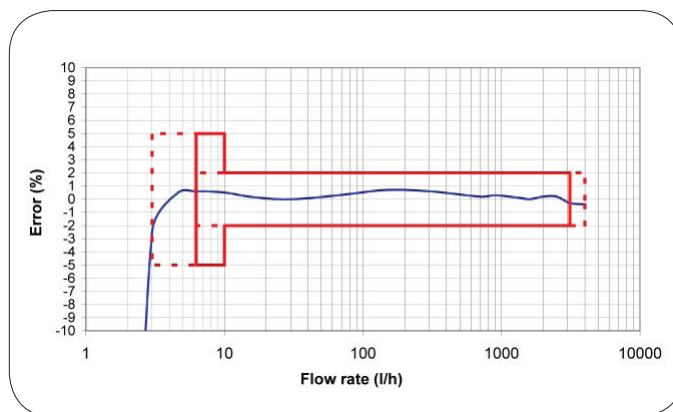
Technical Data

SIZE		FLOW RATES (l/hour)				END CONNECTION
DN	Q3	Q3/Q1	Q1	Q2	Q4	Coupling
20	4000	200	20	32	5000	20mm (3/4" BSP) female
		250	16	25.6		
		315	12.7	20.3		
		400	10	16		

Pressure Loss Graph



Typical Error Graph



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