



**V210H**  
Elster Honeywell  
Plastic/Brass  
Volumetric Positive Displacement  
Cold Water Meter  
With Electronic Register  
Wireless M-Bus or Wired Pulse Output  
Coaxial/Manifold Connection  
For Installation in Boundary or Meter Box



The V210H volumetric water meter is designed to be installed into a manifolds, boundary and meter boxes that have coaxial concentric connections. It incorporates many advanced design features to improve metering accuracy across a wide range of flow rates, from dripping taps to water for showers, baths and washing machines.

**Approvals, Features & Benefits**

- MID 2004/22/EC
- EN14154, OIML R49 & ISO4064
- WRAS approved product
- Tamper resistant construction

**Pressure & Temperature**

Maximum pressure:-  
16 bar

Maximum temperature:-  
30°C

Size		15*	20	25
<b>Body Material</b>		Polymer Plastic	Brass	Brass
<b>A</b>		94	94	130.5
<b>B</b>		140	150	156
<b>C</b>		207	217	223
<b>D</b>		1½" BSP Coaxial Connection	1½" BSP Coaxial Connection	2" BSP Coaxial Connection
<b>Weight (Kg)</b>		1	1.1	2
<b>MID Flow Range</b>	<b>Q<sub>3</sub>/Q<sub>1</sub></b>	R400 (Class D)	R315 (Class D)	R160 (Class C)
<b>Min Flow Rate</b>	<b>Q<sub>1</sub> ± 5%</b> l/h	6.25	12.70	39.40
<b>Transitional Flow Rate</b>	<b>Q<sub>2</sub> ± 2%</b> l/h	10	20.32	63
<b>Max Permanent Flow Rate</b>	<b>Q<sub>3</sub> ± 2%</b> m³/h	2.5	4	6.3
<b>Max Overload Flow Rate</b>	<b>Q<sub>4</sub> ± 2%</b> m³/h	3.125	5	7.875
<b>Starting Flow</b>	<b>Approx.</b> l/h	2	2	3

\* Standard specification (used in most boundary box & manifold installations)

Electronic Register Technical Data	
Specifications	
<b>Protection Class</b>	IP68
<b>Environmental Class</b>	B
<b>Mechanical Class</b>	M1
<b>Electromagnetic Class</b>	E1
<b>Battery Life</b>	15 years
<b>Datalogging</b>	6400 values
Display	
<b>Display Type</b>	Liquid Crystal (LCD)
<b>Measurement Units</b>	Cubic Metres (m³)
<b>Digit Height</b>	Billable Units : 8mm, Decimal Units : 6mm
<b>Range</b>	999,999.99999 m³
<b>Resolution</b>	0.01 litres
<b>Tell-Tale</b>	Meter Operation / Flow Direction Indicator
<b>Alert Indication</b>	Alert Digit & Type Codification

Communication Options (Factory fitted & configured)	
EN13757-4 Wireless M-Bus (One-Way) T1 Mode	
<b>Radio</b>	868 MHz, 25mW
<b>OMS Version</b>	V3, Encryption Mode 5
<b>Data Package</b>	Current Meter Index Due Date Meter Index Alerts - Leak, Backflow, No Flow, Battery
<b>Transmit Interval</b>	12 secs (configurable)
Wired Pulse	
<b>Pulse Value</b>	1 pulse per litre (others on request)
<b>Pulse Width</b>	80ms
<b>Pulse Mode Options</b>	Forward & Reverse, Compensated + Tamper Bi-directional + Direction
<b>Output</b>	Volt Free, Open-Drain