



DOMESTIC WATER METERS



RESIDENTIAL USE

OPTION

1

Pre-equipped with AMR radio emitter

Mod.FLOW200+-DN15/LORA

2

Pre-equipped with pulse output for readout

Mod.FLOW200+-DN15/NK

Mod. FLOW200+

DRY TYPE SINGLE JET WATER METER

FLOW200+ is a single jet dry type water meter made from top quality copper alloy materials and top quality composites materials resistant to corrosion and sediment condensation, guaranteeing working temperature up to 50°C.

APPLICATION

FLOW200+ type water meters are designed to measure the volume of cold water at a pressure to 16 bars, in the households or office-industrial complex. Installation should be done in a horizontal position with counter upwards (H).

OPTIONAL VERSIONS

- ◆ FLOW200+-NK pre-equipped for pulse output (reed) for remote readout.
- ◆ FLOW200+-LoRa pre-equipped with modulator disc for non-reactive scanning for radio.

ACCORADANCE WITH RULES

- ◆ ISO 4064(Class): Class C
- ◆ ISO 4064(Q₃/Q_i): R≤160

ADVANTAGES

- ◆ Single jet type, dry type register with magnetic transmission.
- ◆ Hermetically sealed register with 360° rotation, and protected against external magnetic interference.
- ◆ Optimum accuracy with very low starting flow rate.
- ◆ Long-life, low maintenance operation.
- ◆ Performance well at all times and in any position.
- ◆ Copper alloy body and durable tamper proof construction.

TECHNICAL DATA (Q₃/Q₁)

Nominal diameter	DN	mm Inches	15 1/2"	20 3/4"	25 1"	32 1 1/4"	40 1 1/2"
Measuring principle	Single jet water meters						
Housing materials	Copper alloy						
Register	Dry type register						
Measuring range	R	Q ₃ /Q ₁	≤160	≤160	≤160	≤160	≤160
Maximum flow rate	Q ₄	m ³ /h	3.125	5	7.875	12.5	20
Nominal flow rate	Q ₃	m ³ /h	2.5	4	6.3	10	16
Transitional flow rate	Q ₂	m ³ /h	0.025	0.04	0.063	0.1	0.16
Minimum flow rate	Q ₁	m ³ /h	0.015625	0.025	0.039375	0.0625	0.1
Maximum pressure loss	△P	bar	0.63				
Temperature class	-	°C	T50(0.1-50°C)				
Working temperature range							
Display range	Min Max	m ³	0.00005 99999-99995				
Maximum operating pressure	P _{max}	bar	16				
Working pressure range	-	bar	0.3-16				
Working position	-	-	H				
Maximum Permissible Error	ε	%	±5% (Q ₁ ≤Q<Q ₂); T50: ±2%(Q ₂ ≤Q≤Q ₄)				
Dimensions	L	mm	110(115)	130	160	160	200
	B	mm	80	80	85	102	102
	H	mm	90	90	95	120	120
	G	Inch	3/4"	1"	1 1/4"	1 1/2"	2"
	T	Inch	1/2"	3/4"	1"	1 1/4"	1 1/2"
Weight	W	Kg	0.6	0.80	1.43	2.20	2.70

- Weight is for reference only.

TECHNICAL DATA (CLASS)

Nominal diameter	DN	mm Inches	15 1/2"	20 3/4"	25 1"	32 1 1/4"	40 1 1/2"
Metrological Class	C						
Maximum flow rate	Q _{max}	m ³ /h	3	5	7	12	20
Nominal flow rate	Q _n	m ³ /h	1.5	2.5	3.5	6	10
Transitional flow rate	Q _t	m ³ /h	0.025	0.0375	0.0525	0.09	0.15
Minimum flow rate	Q _{min}	m ³ /h	0.015	0.025	0.035	0.06	0.1
Maximum pressure loss at Q _{max}	△P	bar	1.0				

AMR OPTIONS

- ◆ Mod.FLOW200+-NK is pre-equipped with pulse output (reed) for remote readout, standard pulse value 10l/pulse.
- ◆ Mod.FLOW200+-LoRa is pre-equipped with modulator disc for non-reactive scanning for radio communication (LoRa).