

AQUARIUS®

Single-jet main cold water meter

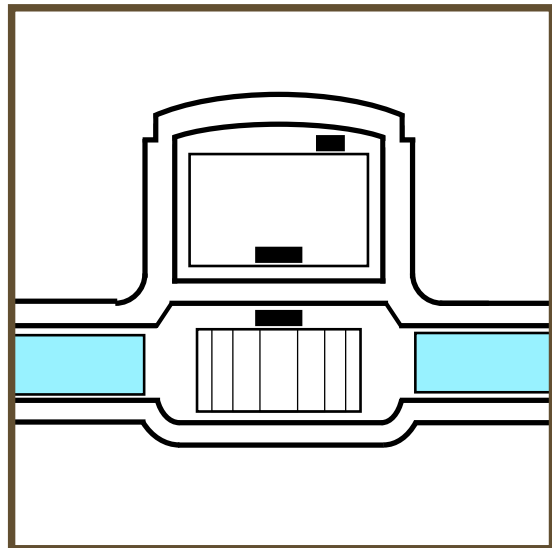
Aquarius® is a main meter designed for measuring cold water. It comes in a range of standardised diameters and lengths.

Depending upon its nominal diameter, it has EEC certification as follows: class B in the horizontal position and class A in the vertical position.

Magnetic transmission ensures complete isolation of the register from the hydraulic system.

The swivelling register is fitted with the Sappel anti-mist system for optimum reading in all environments.

Modular, Aquarius can be fitted with a pulse emitter of the Pulsar range, which enables the use of the Izar® radio reading system, the Draco® dosing device or the Cursa® consumption analysis system.



Special versions of Aquarius® fitted with a pressure connector and a drain cock can be supplied on request.



Main technical characteristics

Designation	AQUARIUS					
DN	mm	15	20	25	32	40

Measuring range (m³/h)

Maxi. approved flowrate Q _{max} .		3	5	7	12	20
Nominal flowrate Q _n		1.5	2.5	3.5	6	10
Transition flowrate Q _t		0.12/0.15*	0.2/0.25*	0.28/0.35*	0.48	0.8
Mini. approved flowrate Q _{min} .		0.03/0.06*	0.05/0.1*	0.07/0.14*	0.12	0.2
Start flowrate		0.015/0.03*	0.03/0.06*	0.035/0.07*	0.06	0.12

* Class A

EEC approval

Horizontal installation class	B				under way		
Vertical installation class	A	A	A	-			
Approval n°.	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>F 94</td> </tr> <tr> <td>382.002</td> </tr> </table>					F 94	382.002
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Head loss $\Delta P = Q^2/Kvs^2$

Kvs	3.6	6	9.9	14	21
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Temperature and pressure

Min. and max. temperature	0°C to 30°C
Max. operating pressure	16 bars

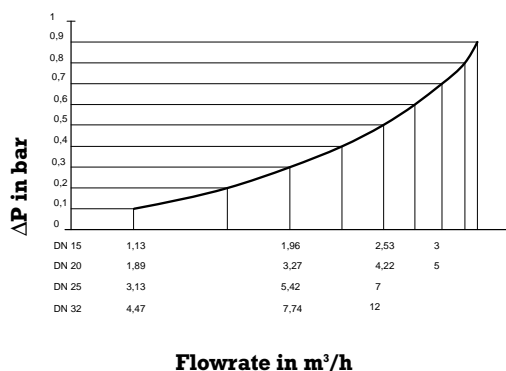
Dimensions, weight and connections

Length in mm	170	190	260	260	300
Width in mm	90	90	90	90	90
Height in mm	75	80	90	95	145
Threaded connectors (G)	3/4"	1"	1 1/4"	1 1/2"	2"
Weight in kg	0.65	0.81	1.2	1.4	2.2

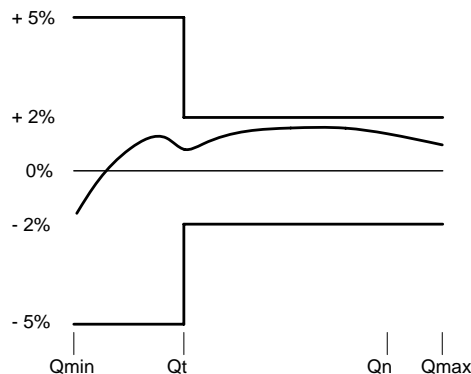
Pulse emitters

	Pulse weight in litres				
Pulsar	1				
Pulsar opto	0.013	0.02	0.021	0.041	0.082

Head loss curve



Precision curve



Non contractual document. Please have the features specified before ordering.

Distributed by :



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If you have any question, please do not hesitate to contact us :



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