

# ALTAİR®

## Modular volumetric water meter Qn 1,5 m<sup>3</sup>/h to Qn 10 m<sup>3</sup>/h

Altair is the generic name of a range of volumetric meters that are characterised by their versatility.

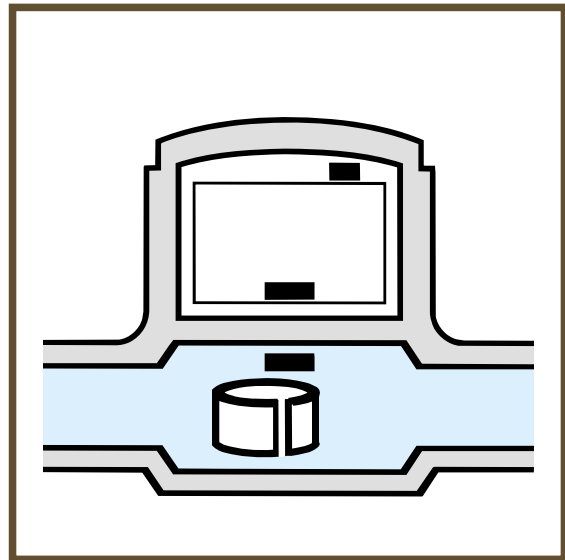
Its large measuring chamber makes it sturdy and suitable for use both as submeter and as main meter with Qn 1.5, Altair is also suited for different water qualities.

Altair meets future metrology standards and offers new functions (fraud detection etc...).

Altair offers high measuring dynamics, very low start flowrates, low head loss and strong resistance to overflowrates.

Altair is compact. Thanks to its low height, it is suited to all types of location (e.g. waterbox...).

Altair is modular and can be fitted with a Pulsar pulse emitter at any



time, for use with Izar radio reading system, Draco dosing device and Cursa consumption analyser.



# Main technical characteristics

## Designation

	Altair 1.5 C 15/110	Altair 1.5 C 15/170	Altair 1.5-2.5 C 20/190	Vega 3.5 C 25/260	Altair 6 C 32/260	Altair 6-10 C 40/300
Caliber DN (mm)	15		20	25	32	40

## Measuring range (m<sup>3</sup>/h)

Start flowrate	0.002	0.002	0.003	0.005	0.005
Min. constructor's flowrate 5%	0.005	0.005	0.026	0.05	0.05
Min. approved flowrate Q <sub>min</sub> 5%	0.015	0.025	0.035	0.060	0.100
Transition flowrate Q <sub>t</sub> 2%	0.0225	0.0375	0.052	0.090	0.150
Nominal flowrate Q <sub>n</sub> 2%	1.5	2.5	3.5	6	10
Max. flowrate Q <sub>max</sub> 2%	3	5	7	12	20

## EEC-SIM approval

Class	C all positions
Approval number	F03G 175

## Head loss $\Delta p$ (bar) = $\frac{Q^2 \text{ (m}^3\text{/h)}}{Kvs^2}$

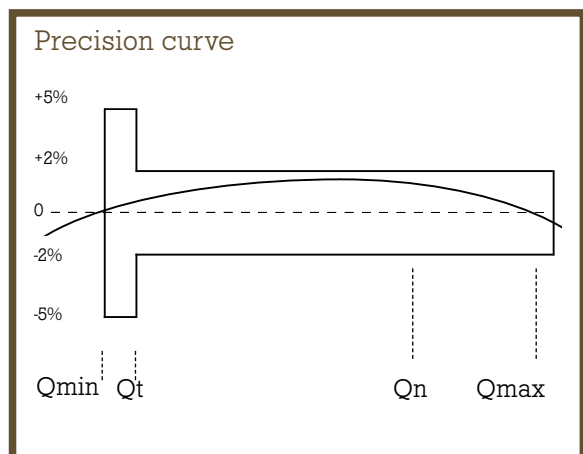
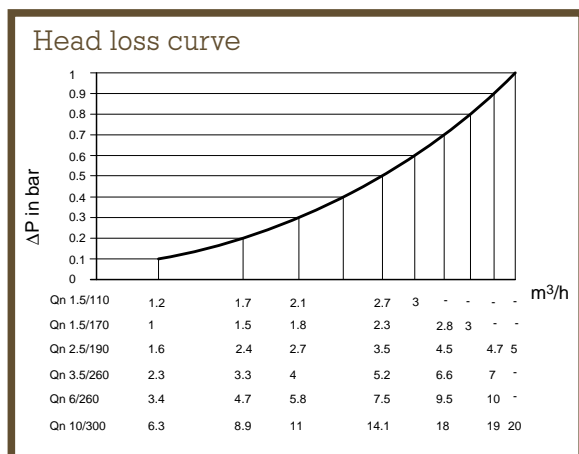
Kvs	4.24	5	7.4	16.97	20
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## Temperatures and pressures

T. mini. and maxi.	from 0°C to + 30°C
Max operating pressure	16 bar

## Dimensions, weight and connections

Length	mm	110	170	190	260	260	300
Width	mm	90		90	112	170	170
Height	mm	122	122	127	160	190	190
Threaded connectors		G 3/4"		G 1"	G 1"1/4	1 1/2"	2"
Weight in kg		1.05	1.2	1.34	2.80	5.25	5.45



**Options:** Pulsar pulse emitter : 1 impulse/liter from Q<sub>n</sub> 1.5 to Q<sub>n</sub> 10 m<sup>3</sup>/h

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



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