

# V200 Volumetric cold water meter

## Information sheet



Elster Metering has further enhanced its highly successful V200 range of in-line volumetric meters by introducing new meter sizes 25, 30 and 40mm.

Approved to the European Measuring Instruments Directive 2004/22/EC and new EN, ISO and OIML standards, the whole V200 meter range offers a combination of accuracy, reliability and communications.

All sizes are available with a copper-can, mineral glass register, pre-equipped to accept the PR6 bi-directional, inductive type pulser and TPR6 with integrated radio. The 25mm meter is also available with the InVision absolute encoder register.

Flow range R160			Class C equivalent			
Meter size	mm		25	30	30	40
Meter thread size	in		G1 1/4"A	G1 1/4"A	G1 1/2"A	G2"A
Overload flow rate	$Q_4 \pm 2\%$	$m^3/h$	7.875	12.5	12.5	12.5
Permanent flow rate	$Q_3 \pm 2\%$	$m^3/h$	6.3	10	10	10
Transitional flow rate	$Q_2 \pm 2\%$	l/h	63	100	100	160*
Minimum flow rate	$Q_1 \pm 5\%$	l/h	39.375	62.5	62.5	100*
Starting Flow (approx.)	l/h		6	12	12	20

All models  
 Headloss at  $Q_3$  less than 0.63 bar.  
 Maximum working pressure 16 bar.  
 Maximum registration 99999.99m<sup>3</sup>.

\*Note:  $Q_3/Q_1$  ratio = R100 for DN40 only

Physical Properties		25mm	30mm	40mm
Meter diameter	mm	120	150	180
Height of meter	mm	130	145	165
Height of meter - (lid open)	mm	200	215	235
Meter lengths	mm	199, 260	260	300
Height of meter with Encoder or Hybrid	mm	144	n/a	n/a
Length over connections	mm	311, 370	327, 380	421
Weight (approximately)	kg	2.3, 2.6	3.7	5.3

Height with PR6 pulser + 10mm  
 Height with TPR6 radio + 48mm

For further information please contact  
an Elster Metering Sales Representative  
or email : [water.metering@gb.elster.com](mailto:water.metering@gb.elster.com)

