

V100

Volumetric cold water meters

Product specification



Specification Class C to BS5728 and ISO4064

Meter size (mm)			15	20	25	30	40
Overload flow rate	qs ± 2%	m³/h	3	5	7	12	20
Permanent flow rate	qp ± 2%	m³/h	1.5	2.5	3.5	6	10
Transitional flow rate	qt ± 2%	l/h	22.5	37.5	52.5	90	150
Minimum flow rate	qmin ± 5%	l/h	15	25	35	60	100
Starting flow (approximate)		l/h	5.7	9.5	13.2	22.5	37.5
Output pulse		l/pulse	0.5	0.5	5	5	5
Meter diameter		mm	86	86	104	120	158
Meter length preferred		mm	165	190	-	-	300
Meter length alternative		mm	115 or 134	165	199	199 or 260	-
Length over connectors		mm	200 or 228	267	311	327 or 370	421
Weight - meter only (approximate)		kg	0.80 or 0.90	1.30	1.30	2.20	3.70

Specification Class D to BS5728 and ISO4064

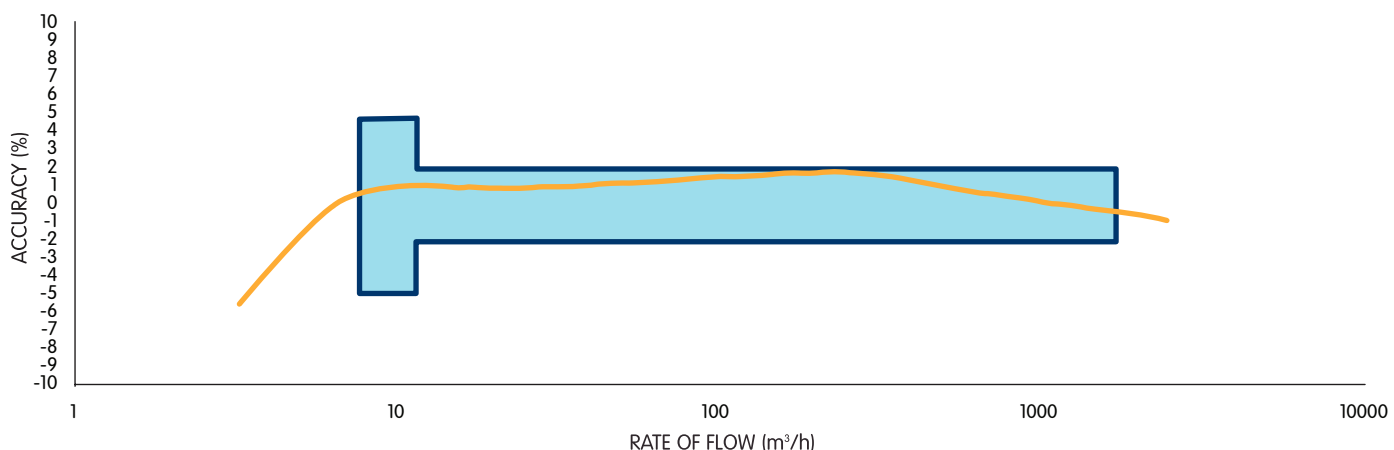
Meter size (mm)			15	15	20
Overload flow rate	qs ± 2%	m³/h	2	3	5
Permanent flow rate	qp ± 2%	m³/h	1	1.5	2.5
Transitional flow rate	qt ± 2%	l/h	11.5	17.25	28.75
Minimum flow rate	qmin ± 5%	l/h	7.5	11.25	18.75
Starting flow (approximate)		l/h	3.4	3.4	5.7
Output pulse		l/pulse	0.5	0.5	0.5
Meter diameter		mm	86	86	86
Meter length preferred		mm	-	165	190
Meter length alternative		mm	134	115 or 134	165
Length over connectors		mm	-	200 or 228	267
Weight - meter only (approximate)		kg	1.02	1.08	1.27

Specification Class K

Meter size (mm)			15	20	25	30	40
Overload flow rate	qs ± 2%	m³/h	3.5	5	7.5	12	20
Permanent flow rate	qp ± 2%	m³/h	2.73	2.95	4.55	6.8	10
Transitional flow rate	qt ± 2%	l/h	22.5	37.5	52.5	90	150
Minimum flow rate	qmin ± 5%	l/h	15	25	35	60	100
Starting flow (approximate)		l/h	5.7	5.7	5.7	13.6	20
Meter length		mm	115 or 134	165	199	199 or 260	300
Meter radius		mm	43	43	52	60	79
Length over connectors		mm	200 or 228	267	311	327 or 370	421
Nominal pipe size		mm	15	20	25	30	40
Weight - meter only (approximate)		kg	0.80 or 0.90	1.30	1.30	2.2	3.7

Accuracy curve shown overleaf.

Typical accuracy curve



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Pressure equipment directive 97/23/EC.
This product is applicable in networks for supply, distribution and discharge of water and associated equipment and is therefore exempt.

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