

Meter Sizing Information

Industry Average Consumption Table

Meter Size (mm)	Industry Average Yearly Volume (m3)	Physical Maximum Yearly Volume (m3)
15	500	17,520
20	500	17,520
25	2,000	35,040
30	2,000	61,320
35	2,000	61,320
40	6,500	96,360
50	10,000	254,040
63	10,000	254,040
65	10,000	254,040
80	10,000	411,720
100	32,000	621,960
150	450,000	1,568,040
200	1,500,000	2,619,240
250	2,200,000	4,196,040
300	3,000,000	2,100,000,000
450	5,500,000	2,100,000,000
600	5,500,000	2,100,000,000

1m3 =1,000 litres

Flows

Meter Size (mm)	Continuous Flow Rate (m3 / Hour)	Minimum Flow Rate (m3/ Hour)	Maximum Flow Rate (m3/ Hour)
15	1.00	0.0075	2.00
20	1.50	0.01125	3.00
25	2.50	0.01125	5.00
40	50.00	0.35	90.00
50	50.00	0.35	90.00
80	120.00	0.50	200.00
100	180.00	0.60	250.00
150	450.00	1.80	600.00
200	700.00	4.00	1,000.00
250	1,000.00	6.00	1,600.00
300	1,500.00	12.00	2,000.00
Variance	+/- 2%	+/- 2%	+/- 5%

*15 to 25mm Flow rates based on Kent PSM Water Meters, Class D

*40mm + flow rates based on Helix 4000 Meters

CWS120 – Meter Sizing Information

Basic Meter size	Annual volume assumed in charges scheme	Normal average hourly flow	Peak flow	Estimated flow through the meter if drawing 50 weeks per year, 5 days per week for 2 hours per day	Estimated flow through the meter if drawing 50 weeks per year, 5 days per week for 4 hours per day	Estimated flow through the meter if drawing 50 weeks per year, 5 days per week for 8 hours per day	Annual volume if the site has 24 hour storage.
(mm)	(m ³)	(m ³)	(m ³ /hr)	(m ³)	(m ³)	(m ³)	(m ³)
15		1.5	3	750	1,500	3,000	9,000
20	1,000	2.5	5	1,250	2,500	5,000	15,000
25	3,000	3.5	7	1,750	3,500	7,000	21,000
30		6	12	3,000	6,000	12,000	36,000
40	10,000	10	20	5,000	10,000	20,000	60,000
50	20,000	15	30	7,500	15,000	30,000	90,000
65		25	50	12,500	25,000	50,000	150,000
75	75,000	40	80	20,000	40,000	80,000	240,000
100	135,000	60	120	30,000	60,000	120,000	360,000
150		150	300	75,000	150,000	300,000	900,000