

Quick Reference Guide

iPERL and accuSTREAM Positive Displacement Meters

iPERL (Metric sizes to nearest millimeter)

		5/8" iPERL (DN 15)	3/4" & 3/4" Short iPERL (DN 20)	1" iPERL (DN 25)
AWWA Normal Flow	GPM	0.11-25	0.11-35	0.4-55
	m ³ /h	0.02-5.7	0.02-8	0.09-12.5
AWWA Minimum Flow	GPM	0.03	0.03	0.11
	m ³ /h	0.007	0.007	0.025
AWWA Continuous Flow	GPM	25	35	55
	m ³ /h	5.7	8	12.5
Laying Length	Inches	7-1/2	7-1/2* – 9	10-3/4
	Metric (mm)	190	229 – 190*	273
Height – Base to Lid	Inches	6-1/10	6-1/10	6-1/10
	Metric (mm)	155	155	155
Height – Base to Center Line	Inches	1-3/4	1-3/4	1-3/4
	Metric (mm)	44	44	44
Width	Inches	4-1/2	4-1/2	4-1/2
	Metric (mm)	114	114	114
Pipe Threads	Inches	3/4	1	1-1/4
	Metric (mm)	19	25	32
Net Weight	Pounds	3.1	3.2-3.1*	3.3
	Kilograms	1.4	1.5-1.4*	1.6
Pressure Loss – Maximum Flow	psi at GPM	4.0 at 15	2.0 at 15	2.0 at 25
	bar at m ³ /h	0.3 at 3.4	0.1 at 3.4	0.1 at 5.7

All iPERLs are available with direct read (no cable) registers or the following AMR/AMI compatible registers; TouchRead Pit-Lid (TR/PL) 2-wire and 3-wire, 3 terminal screws, 3-wire plain end, and Itron and Nicor connectors. *Short Version

accuSTREAM POSITIVE DISPLACEMENT METERS (Metric sizes to nearest millimeter)

		5/8" & 5/8" x 3/4" Short accuSTREAM (DN 15 and DN 15 x 33)	3/4" & 3/4" Short accuSTREAM (DN 20)	1" accuSTREAM (DN 25)
AWWA Normal Flow	GPM	1-20	2-30	3-50
	m ³ /h	0.25-4.5	0.45-7.0	0.7-11.0
AWWA Minimum Flow	GPM	1/4	1/2	3/4
	m ³ /h	0.06	0.10	0.15
AWWA Continuous Flow	GPM	10	15	25
	m ³ /h	2.5	3.5	6.0
Laying Length	Inches	7-1/2	7-1/2*-9	10-3/4
	Metric (mm)	190	229-190*	273
Height – Base to Lid	Inches	5	7	8.2
	Metric (mm)	127	178	208
Height – Base to Center Line	Inches	1-3/4	2-1/8	2-5/8
	Metric (mm)	44	54	67
Width	Inches	3-7/8	6	7-1/8
	Metric (mm)	98	152	181
Pipe Threads	Inches	3/4-1	1-1 1/4	1 1/4
	Metric (mm)	19-25	25-32	32
Net Weight	Pounds	2.3-2.4	3.3	5.6
	Kilograms	1.04-1.09	1.5	2.5
Pressure Loss – Maximum Flow	psi at GPM	8 at 15	4 at 15	3.5 at 25
	bar at m ³ /h	0.55 at 3.4	0.27 at 3.4	0.24 at 5.7

All accuSTREAM meters are available with standard read or the following remote type registers; Sensus Electronic Communications Register (ECR), Electronic Communications/Direct Mount (ECR/DM), Electronic Communications/Waterproof (ECR/WP), and TouchRead Pit-Lid (TR/PL). *Short Version

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