

OMNI T²: 1-1/2", 2", 3", 4", 6", 8" and 10" Sizes

SPECIFICATIONS

SERVICE	Measurement of portable water. Operating temperature range of 33 °F (56 °C) - 150 °F (65.6 °C)	
OPERATING RANGE (100% ± 1.5%)	1-1/2": 1.25 – 200 GPM (.28 - 45 m ³ /hr) 2" and 2" without Strainer: 1.5 – 250 GPM (.34 – 57 m ³ /hr) 3": 2.5 – 650 GPM (.57 – 148 m ³ /hr) 4": 3 – 1250 GPM (.68 – 284 m ³ /hr) 6": 4 – 2500 GPM (.91 – 568 m ³ /hr) 8": 5 – 3500 GPM (1.1-795 m ³ /hr) 10": 6 – 5500 GPM (1.4 - 1249 m ³ /hr)	
LOW FLOW (95% – 101.5%)	1-1/2": .75 GPM (.17 m ³ /hr) 2" and 2" without Strainer: 1.0 GPM (.23 m ³ /hr) 3": 1.5 GPM (.34 m ³ /hr) 4": 2.0 GPM (.45 m ³ /hr) 6": 2.5 GPM (.57 m ³ /hr) 8": 4 GPM (0.9 m ³ /hr) 10": 5 GPM (1.1 m ³ /hr)	
MAXIMUM CONTINUOUS OPERATION	1-1/2": 160 GPM (36 m ³ /hr) 2" and 2" without Strainer: 200 GPM (45 m ³ /hr) 3": 500 GPM (114 m ³ /hr) 4": 1000 GPM (227 m ³ /hr) 6": 2000 GPM (454 m ³ /hr) 8": 3500 GPM (795 m ³ /hr) 10": 5500 GPM (1249 m ³ /hr)	
MAXIMUM INTERMITTENT OPERATION	1-1/2": 200 GPM (45 m ³ /hr) 2" and 2" without Strainer: 250 GPM (57 m ³ /hr) 3": 650 GPM (148 m ³ /hr) 4": 1250 GPM (284 m ³ /hr) 6": 2500 GPM (568 m ³ /hr) 8": 4700 GPM (1067 m ³ /hr) 10": 7000 GPM (1590 m ³ /hr)	
PRESSURE LOSS	1-1/2": 6.9 psi @ 160 GPM (.48 bar @ 36 m ³ /hr) 2" and 2" without Strainer: 7.0 psi @ 200 GPM (.48 bar @ 45 m ³ /hr) 3": 5.1 psi @ 500 GPM (.35 bar @ 114 m ³ /hr) 4": 8.7 psi @ 1000 GPM (.60 bar @ 227 m ³ /hr) 6": 8.2 psi @ 2000 GPM (.56 bar @ 454 m ³ /hr) 8": 5.1 psi @ 3500 GPM (.35 bar @ 795 m ³ /hr) 10": 7.2 psi @ 5500 GPM (.50 bar @ 1249 m ³ /hr)	
MAXIMUM OPERATING PRESSURE	200 PSI (13.8 bar)	
FLANGE CONNECTIONS	U.S. ANSI B16.1 / AWWA Class 125	
REGISTER	Fully electronic sealed register with programmable registration (Gal. /Cu.Ft. / Cu. Mtr. / Imp.Gal / Acre Ft.) Programmable AMR/AMI reading and pulse outputs Guaranteed 10 year battery life	
NSF APPROVED MATERIALS	Maincase:	Coated Ductile Iron
	Measuring Chamber:	Thermoplastic
	Rotor "Floating Ball":	Thermoplastic
	Radial Bearings:	Hybrid Thermoplastic
	Thrust Bearings:	Sapphire/Ceramic Jewel
	Magnets:	Ceramic Magnet
	Strainer Screen:	Stainless Steel
	Strainer Cover:	Coated Ductile Iron
	Test Plug:	Coated Ductile Iron