

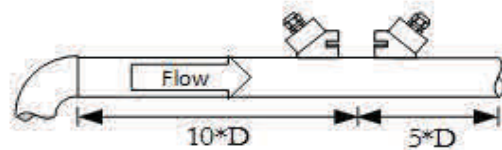
Water Flow Application Quick Select Guide

	Water Flow					Energy			
Meter Series	Turbine Meter		Disc Meter	Electromagnetic Meter	Ultrasonic Meter	Turbine Meter		Electromagnetic Meter	Ultrasonic Meter
Meter Model 	SDI	250	M25-M170	M2000	TFXL TFXB Ultra	SDI with RTD's and 3050 Monitor	380 with 3050 Monitor	M2000 with RTD's and 3050 Monitor	TFXE Ultra
Installation Type	Insertion	Inline	Inline	Inline	Clamp-On	Insertion	Inline	Inline	Clamp-On
Size Range	1-1/2" - 36"	1/2" - 1-1/2"	5/8" - 2"	1/4" - 54"	1/2" - 24" 1/2" - 96"	1-1/2" - 36"	3/4" - 2"	1/4" - 54"	1/2" - 96"
Accuracy (% of reading)	1%	1%	1.50%	0.25%	1%	1%	2%	0.25%	1%
Bi-Directional Flow Capability	Yes	No	No	Yes	Yes	Yes	No	Yes	Yes
Requires System Shutdown to Install	No	Yes	Yes	Yes	No	No	Yes	Yes	No
Overall Flow Range	0.5-20 FPS	0.3-15 FPS	0.25-170 GPM	0.1-39.4 FPS	1-40 FPS	0.5-20 FPS	1.0-15 FPS	0.1-39.4 FPS	0.1-40 FPS

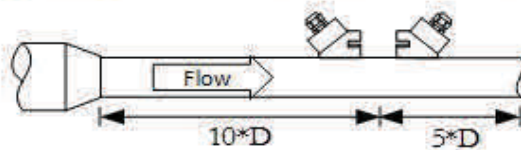
Flow Application

Chilled Water	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hot Water	✓	✓		✓	✓	✓	✓	✓	✓
Hot Water > 280°F				✓	✓				
Condenser Water Closed Loop	✓	✓		✓	✓	✓	✓	✓	✓
Condenser Water Open Loop				✓	✓				
Domestic (Potable) Water	✓	✓	✓	✓	✓	✓	✓	✓	✓
Grey Water / Surface Water				✓					
Make-Up Water	✓	✓	✓	✓	✓				
Steam Condensate (Pumped)	✓			✓	✓	✓	✓	✓	✓

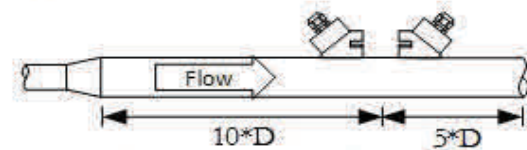
Ultrasonic – TFX, TFXL, DXN Portable



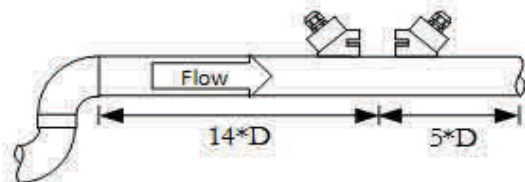
90° Elbow Before Flow Meter



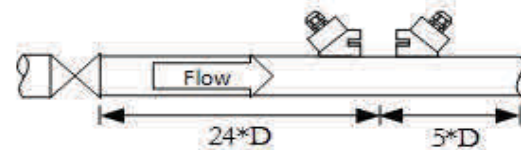
Reduction Before Flow Meter



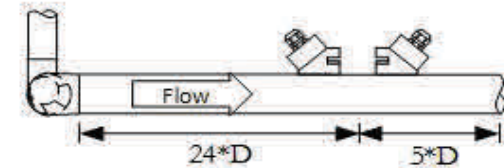
Expansion Before Flow Meter



Two 90° Elbows Before Flow Meter



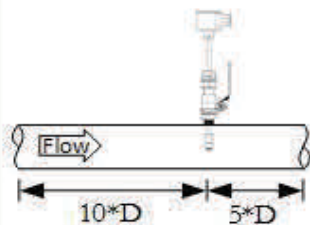
Regulator, Valve, or Header Before Flow Meter



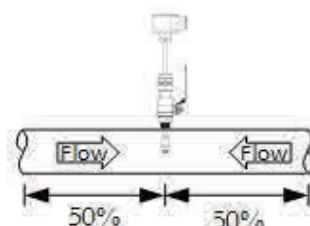
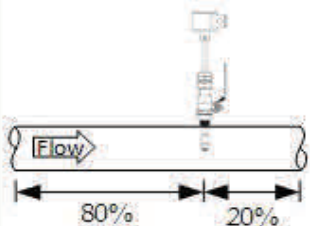
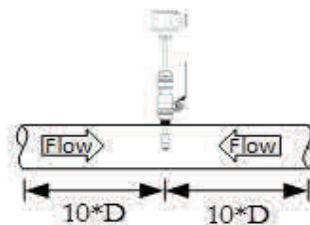
Two 90° Elbows Out of Plane Before Flow Meter

SDI Insertion

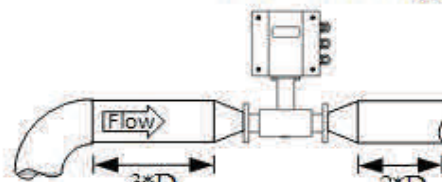
Uni-Directional



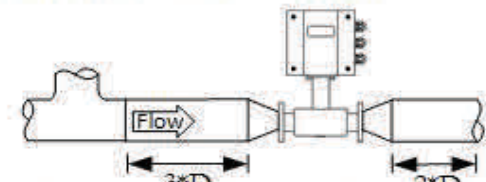
Bi-Directional



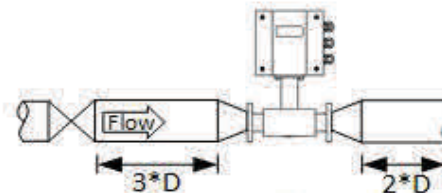
Electromagnetic Meters – M – 2000



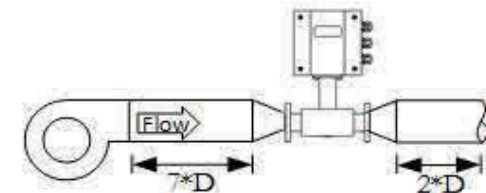
90° Elbow Before Flow Meter



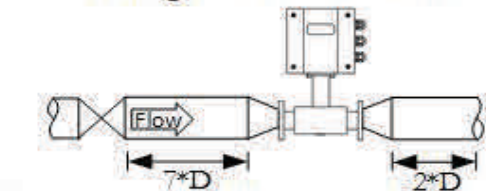
T Connection Before Flow Meter



Check/Globe/Butterfly Valve Before Flow Meter



Pump Before Flow Meter



(Fully Open) Gate Valve Before Flow Meter