

# TRI-CLOVER® – SPECIFICATIONS

<b>Fitting Type:</b>	Tri-Clover®				
<b>Housing Material:</b>	316 Stainless Steel				
<b>Meter Sizes Available:</b>	1/2"	3/4"	1"	1-1/2"	2"
<b>Tri-Clover® Fittings Available:</b>	3/4"	1"	1-1/2"	2"	2-1/2"
<b>Flow Range:</b>	<b>1/2" (S05T)</b>	1 - 10 GPM		(3.8 - 37.9 LPM)	
	<b>3/4" (S07T)</b>	2 - 20 GPM		(7.6 - 75.7 LPM)	
	<b>1" (S10T)</b>	5 - 50 GPM		(18.9 - 190 LPM)	
	<b>1-1/2" (S15T)</b>	10 - 100 GPM		(38.0 - 380 LPM)	
	<b>2" (S20T)</b>	20 - 200 GPM		(76 - 760 LPM)	
<b>Accuracy (% of Reading):</b>		<b>Turbine Only</b>	<b>Turbine w/Computer</b>		
	<b>1/2" (S05T)</b>	± 2.0%	± 1.5%		
	<b>3/4" (S07T)</b>	± 1.5%	± 1.0%		
	<b>1" (S10T)</b>	± 1.5%	± 1.0%		
	<b>1-1/2" (S15T)</b>	± 1.0%	± 0.75%		
	<b>2" (S20T)</b>	± 1.0%	± 0.75%		
<b>Repeatability:</b>	± 0.1%				
<b>Pressure Rating:</b>	Limited by fitting size, clamp size & temp.				
<b>Operating Temperature Range:</b>	-40° F to +250° F (-40° C to +121° C)				
<b>with Computer:</b>	0° F to +140° F (-18° C to +60° C)				
<b>Typical K-Factor:</b>	<b>1/2" (S05T)</b>	2,500 PPG / 660 PPL			
	<b>3/4" (S07T)</b>	1,100 PPG / 291 PPL			
	<b>1" (S10T)</b>	565 PPG / 149 PPL			
	<b>1-1/2" (S15T)</b>	215 PPG / 57 PPL			
	<b>2" (S20T)</b>	100 PPG / 26 PPL			
<b>Wetted Materials:</b>	<b>Housing:</b>	316 Stainless Steel			
	<b>Bearings:</b>	96% Alumina Ceramic			
	<b>Shaft:</b>	Tungsten Carbide			
	<b>Rotor:</b>	PVDF			
	<b>Rings:</b>	316 Stainless Steel			
<b>Frequency Range:</b>	<b>1/2" (S05T)</b>	42 - 420 Hz @ 1 - 10 GPM			
	<b>3/4" (S07)</b>	37 - 370 Hz @ 2 - 20 GPM			
	<b>1" (S10T)</b>	47 - 470 Hz @ 5 - 50 GPM			
	<b>1-1/2" (S15T)</b>	36 - 360 Hz @ 10 - 100 GPM			
	<b>2" (S20T)</b>	33 - 330 Hz @ 20 - 200 GPM			
<b>Recommended Strainer Size:</b>					
	<b>1/2" (S05T)</b>	60 mesh (250 micron)			
	<b>3/4" (S07T)</b>	60 mesh (250 micron)			
	<b>1" (S10T)</b>	60 mesh (250 micron)			
	<b>1-1/2" (S15T)</b>	30 mesh (595 micron)			
	<b>2" (S20T)</b>	30 mesh (595 micron)			
<b>Maximum Flow:</b>	<b>1/2" (S05T)</b>	15 GPM (56.8 LPM)			
	<b>3/4" (S07T)</b>	30 GPM (113.6 LPM)			
	<b>1" (S10T)</b>	75 GPM (284 LPM)			
	<b>1-1/2" (S15T)</b>	150 GPM (568 LPM)			
	<b>2" (S20T)</b>	300 GPM (1,136 LPM)			
<b>Shipping Weight:</b>	<b>1/2" (S05T)</b>	2.5 lbs./1.0 kg - Turbine Only: 2.3 lbs./1.0 kg			
	<b>3/4" (S07T)</b>	2.9 lbs./1.3 kg - Turbine Only: 2.7 lbs./1.2 kg			
	<b>1" (S10T)</b>	3.2 lbs./1.4 kg - Turbine Only: 3.0 lbs./1.3 kg			
	<b>1-1/2" (S15T)</b>	4.7 lbs./2.1 kg - Turbine Only: 4.5 lbs./2.0 kg			
	<b>2" (S20T)</b>	6.5 lbs./2.9 kg - Turbine Only: 6.3 lbs./2.8 kg			
<b>Calibration Report</b>	Comes standard with G2 Series meters. N.I.S.T. – Certification available.				

## ELECTRONIC CHOICES

<b>Local Display, Remote Display &amp; Remote Transmitter Options:</b>	See Electronics Section.
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## APPROVALS

