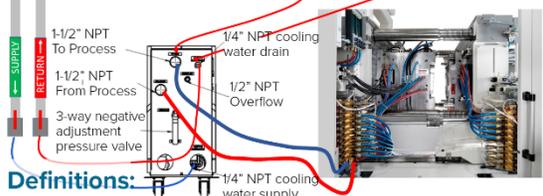
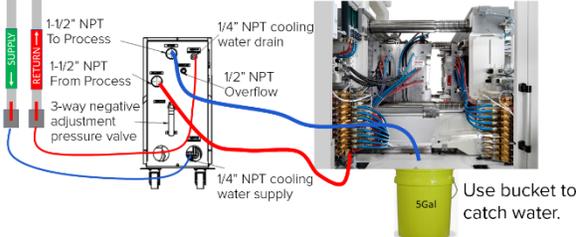
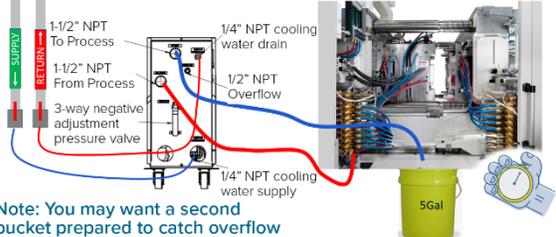
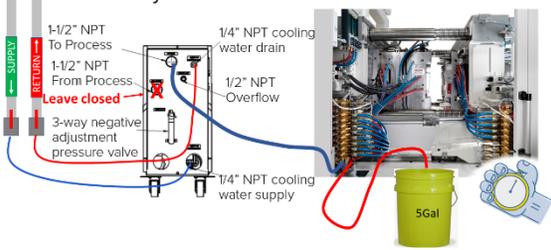


RJG Flowmeter Recommendation Form: How to Determine Max/Min Water Flow Rate by Monitoring the Whole Manifold

The purpose of this document is to guide you through step-by-step how to properly get a max/min water flow rate when you don't have a flowmeter on hand. This will ensure you get the best sizing of flowmeter for your specific application. Please follow the steps below, then complete the form on page 2.

NOTE: Be sure to use safety measures when doing these tests.

<p>Step 1: Turn off power switch to Temperature Control Unit (TCU)</p> <p>Note: Follow instructions in your equipment's user manual to find the power button.</p> 	<p>Step 2: Turn off water valves on the "From Process" and "To Process"</p>  <p>Definitions: To Process: Going to your supply manifold From Process: Return from your return manifold</p>
<p>Step 3: Warning: Practice safety procedures before this next step! Disconnect "To Process" line to your water manifold.</p>  <p>Use bucket to catch water.</p>	<p>Step 4: Open "To Process" valve and turn on power switch to TCU. Time how long it takes to fill the bucket.</p>  <p>Note: You may want a second bucket prepared to catch overflow</p>
<p>Step 5: Warning: Practice safety procedures before this next step! Repeat step with the hose from your return manifold.</p> 	<p>Step 6: Calculate Gallons per Minute (GPM)</p> <div style="text-align: right; margin-bottom: 20px;">  </div> <p>SUPPLY: <u>5 Gallon Bucket</u> X 60 sec/min = <u> </u> GPM's <u> </u> Sec to fill bucket</p> <p>RETURN: <u>5 Gallon Bucket</u> X 60 sec/min = <u> </u> GPM's <u> </u> Sec to fill bucket</p>



RJG Flowmeter Recommendation Form

How to Determine Max/Min Water Flow Rate
by Monitoring the Whole Manifold

Please complete this form and email it to: support@rjginc.com. One of our customer support representatives will reach out to you with a recommendation. Thank you!

Company:	Name:	Date:
Machine:	Mold:	
What is the size connection you are mounting the flow meter to?		
What type of threads is the connection (NPT or BSPP)? <i>NPT=National Pipe Thread BSPP=British Standard Parallel Pipe</i>	NPT or BSPP	
What is the housing material you would prefer? Material is based on the connection size where flowmeter will be installed.	=/< 1/2" Brass Nylon >/= 3/4" SS Alum	
What is the minimum expected flow? <i>(Follow the above instructions)</i>		
What is the maximum expected flow? <i>(Follow the above instructions)</i>		
What is the maximum temperature you run your coolant at?		
What is the maximum line pressure expected?		
Will the flowmeter be more than 3 meters (9 feet) away from the din modules?		
Do you need a user interface (LED screen)?		
What is the intended use (strategy) for this flowmeter?		