

Constructing the Piping System

Parts List

Qty	Description	PASCO Part #
8	8' long $\frac{3}{4}$ " PVC Pipe	
5	$\frac{3}{4}$ " PVC T-connectors, slip-slip	
20	$\frac{3}{4}$ " PVC elbows, slip-slip	
8	$\frac{3}{4}$ " PVC unions, slip-slip	
8	$\frac{3}{4}$ " PVC ball valves, slip-slip	
6	$\frac{3}{4}$ " slip to $\frac{3}{4}$ " male threaded PVC adapter (for adapting the PVC pipe to the brass valves)	
2	$\frac{1}{2}$ " PVC unions, female threaded-female threaded (connected to pump outlets)	
4	$\frac{1}{2}$ " male threaded to $\frac{3}{4}$ " slip PVC adapter (connected to pump intakes and unions on the pump outlets)	
1	$\frac{3}{4}$ " Brass ball valve (or any other valve you wish to use as a test valve)	
2	$\frac{3}{4}$ " Brass multi-turn gate valve (for shutting the pumps off)	
9	Pressure Taps (these come in sets of 6, so you need two sets)	ME-2224
1	General Flow Sensor with the Venturi Tube	PS-2225
1	Dual Pressure Sensor	PS-2181
1	PASPORT interface (The SPARKlink Air works wirelessly (Bluetooth) which can be handy.)	PS-2011
1	PASCO Capstone Single User License	UI-5401
2	Little Giant pump model 4-MD	
1	Bucket	

