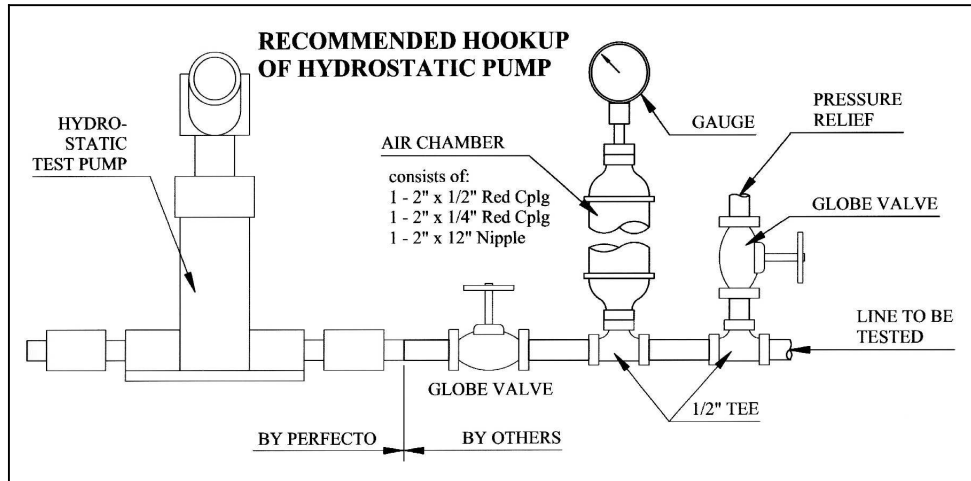


## PERFECTO Hydrostatic Test Pump

It is imperative that clean water be used in testing. Foreign matter under the valve seats will render the pump inoperative.

The valves may be replaced by the user. When installing new check valves, be sure that the flow arrows of *both* the valves are facing the same direction, toward the water supply.



### Model P300

Designed for use in testing pipe lines, radiant heating systems, valves bodies, and pressure vessels. Body is of 356 Aluminum, piston is 416 stainless steel. Check valves are in-line spring loaded plug type, made of cast bronze with RTFE plug.

Pressure Range	Weight	Inlet	Outlet	Cylinder	Stroke	Displacement
0-300 psig	15 lbs	½" FPT	½" FPT	1-1/4" dia.	4"	4.91 in <sup>3</sup>

### Operating Instructions:

1. Fill the system to be tested with water directly through the pump, using the pressure of the water supply. Pull the pump handle up to let the cylinder fill with water. The inlet and outlet valves within the body of the pump will automatically open to allow flow. The manually operated isolation valve on the downstream side of the pump must be open at this point. When the system reaches the same pressure as the water supply, the inlet valve will automatically close.
2. Always maintain water source pressure to the inlet to prevent air from entering the pump.
3. BLEED ALL AIR FROM THE SYSTEM TO BE TESTED.
4. Pump the system up to the desired pressure, then close the manual operated isolation valve.
5. Upon completion of the test, relieve pressure in the system by opening the air bleed valves.
6. OPEN MANUALLY OPERATED ISOLATION VALVE TO RELIEVE PRESSURE ON THE OUTLET CHECK VALVE.
7. Maintain pressure only long enough to test the system.
8. Keep from freezing if water is left in the pump.
9. Keep dirt and debris out of the ports of the pump.
10. PUMP WITH SMOOTH EVEN STROKES! CHECK VALVES MAY NOT SEAT CORRECTLY IF STROKES ARE HARSH AND ABRUPT.