



TEST REPORT

Overview

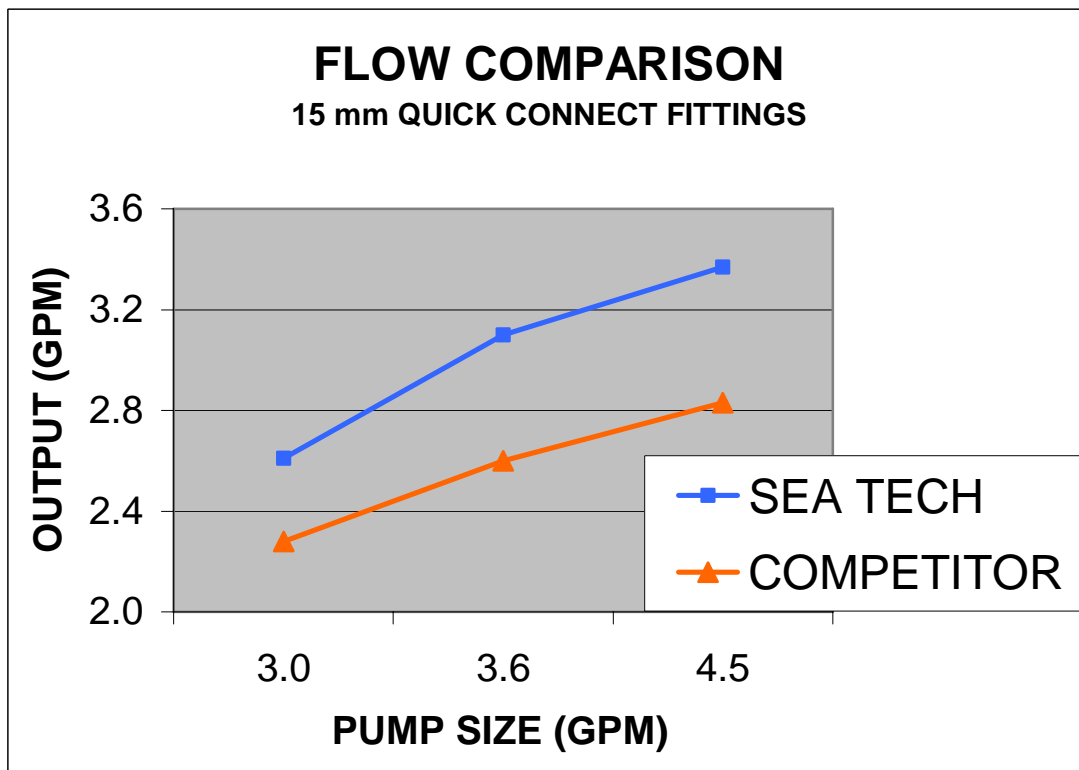
This test was performed to compare the flow capacity of Sea Tech's 15mm fittings and tubing versus a competitor's 15 mm fittings and tubing when installed in a typical marine plumbing circuit. The tests showed that Sea Tech's product delivered more flow than the competitor's product. This difference would allow a boat builder to use smaller pumps with the Sea Tech product and still have equal or greater water flow than the competitor's product.

Procedure

Two test circuits were built using Sea Tech's 15mm quick-connect fittings/tubing and a competitor's 15mm quick-connect fittings/tubing. The circuits consisted of 93 feet of tubing, two shut-off valves, three elbows, three tee's, two stem elbows, two stem tee's, two female connectors, and a pump (figure 1). Each circuit was tested with a 3.0 gpm, a 3.6 gpm, and a 4.5 gpm Diamond Flow pump. After the test circuit was primed, the pumps were run for one minute and the volume of water discharge was measured.

Conclusion

The Sea Tech circuit consistently delivered greater flow than the competitor's product. A graph of flow output versus pump size shows that the Sea Tech product will deliver greater flow or allow the use of smaller pumps than the competitor's product.



FLOW TEST CIRCUIT

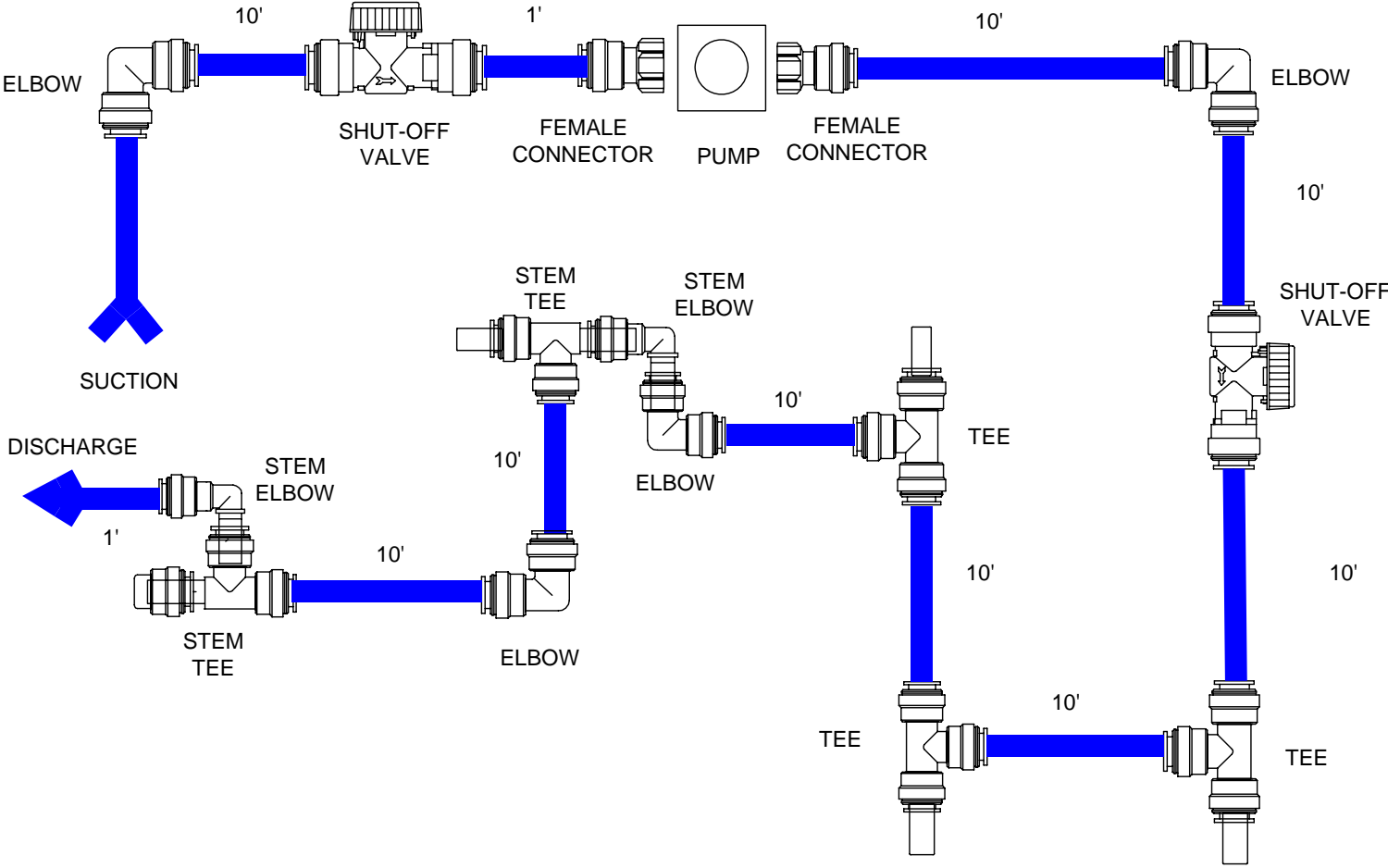


Figure 1