**SPECIAL NOTE:**

When preparing the specifications for your new pumper, assure the use of a Hale pump by incorporating these pump specifications as written. No competitive pump can match Hale's construction or performance.

**Performance**

The pump shall weigh no more than 50 pounds (dry) and produce a typical performance of:

High Pressure Model 20FP-C8: 65 GPM @ 65 PSI, 45 GPM @ 100 PSI and 20 GPM @ 155 PSI.

High Volume Model 20FV-C8: 135 GPM @ 30 PSI, 80 GPM @ 75 PSI and 15 GPM @ 120 PSI.

**Pump**

The pump body shall be made of alloy aluminum castings bolted to the engine. The impeller shall be bronze. The renewable self-centering clearance ring shall be bronze to inhibit galvanic corrosion. The pump shaft seal shall be an automatically adjusting, maintenance free, mechanical type.

**Suction**

The pump suction shall include a bottom suction guard and skids.

**Discharge**

The discharge port shall be 1-1/2” Male NST Hose threaded connections.

**Engine**

The engine shall be an air cooled 2-cycle U.S. Motor Power US820 Engine. Engine rating shall be 8 BHP at 7000 rpm. Engine shall be designed to meet 1994 CARB (California Air Resources Board) standards. Engine shall be equipped with electronic overspeed protection, a spark arrest muffler and mounted 1.4 gallon fuel tank.

**Float**

The pump/engine shall be mounted on an unsinkable, high-strength polyethylene float with dual carrying handles and a splash suppression collar.