**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 35 pounds (dry) and produce a typical performance of: 65 GPM @ 65 PSI, 45 GPM @ 125 PSI and 20 GPM @ 175 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 be 1-1/2” Male NST Hose Thread connection

**Discharge**

The discharge port shall be 1-1/2” Male NST Hose Thread connection

**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 a remote fuel tank.

**Backpack**

The pump/engine shall be isolation mounted on a padded, adjustable backpack frame. A hand operated primer shall be provided.