Pump Specification

HPX450-B35 Max Attack

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/engine shall perform to the standards of NFPA 1906 low pressure pump rating. Typical pump performance from 5 foot draft at sea level shall be: 310 GPM @ 100 PSI, 435 GPM @ 75 PSI, and 500 GPM @ 65 PSI

Pump
The pump body shall be made of alloy aluminum castings coupled together with a stainless steel band clamp with an O-ring seal which allows quick pump volute removal for servicing. The pump end shall be factory hydrostatically tested to 300 PSI. The impeller shall be bronze. The renewable clearance rings shall be made of bronze to inhibit corrosion. The impeller shall be 7.25 inches (184 mm) in diameter and designed with a sleeve back end to prevent water from coming in contact with the engine shaft. The pump shaft seal shall be an automatically adjusting, maintenance free, mechanical type. The pump body shall be equipped with a petcock drain valve.

Suction/Discharge
The suction connection shall be a 4” Victaulic and the discharge shall be a female pipe threaded stainless steel flange.

Engine
The engine shall be a 4 cycle gasoline Briggs and Stratton Vanguard Big Black V Twin, overhead valve, air cooled design. Engine rating shall be 35 BHP at 3600 RPM. Engine displacement shall be 993cc (60.6 cu in) and shall be designed to meet current CARB (California Air Resources Board) and EPA (Environmental Protection Agency) standards. A 12-volt electric system shall be provided with electric starter and alternator. Engine shall be equipped with a residential muffler with USDA approved spark arrestor.

Mounting Platform
The pump/engine shall be isolation mounted onto a steel base plate.

Instrumentation
The pump shall be supplied with a remote mounted control panel. This panel shall include a throttle lever, master switch, push-on starter button, pull cable choke control, a 2.5 inch liquid filled discharge gauge and an oil pressure warning light.

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