

# Qpak Single Stage Pump

500 - 1000 GPM (2000 - 4000 LPM)



**8 Standard and  
4 Optional Full Flow  
Discharge Opening  
Full Flow Waterways**

**One Piece  
Pump Body**

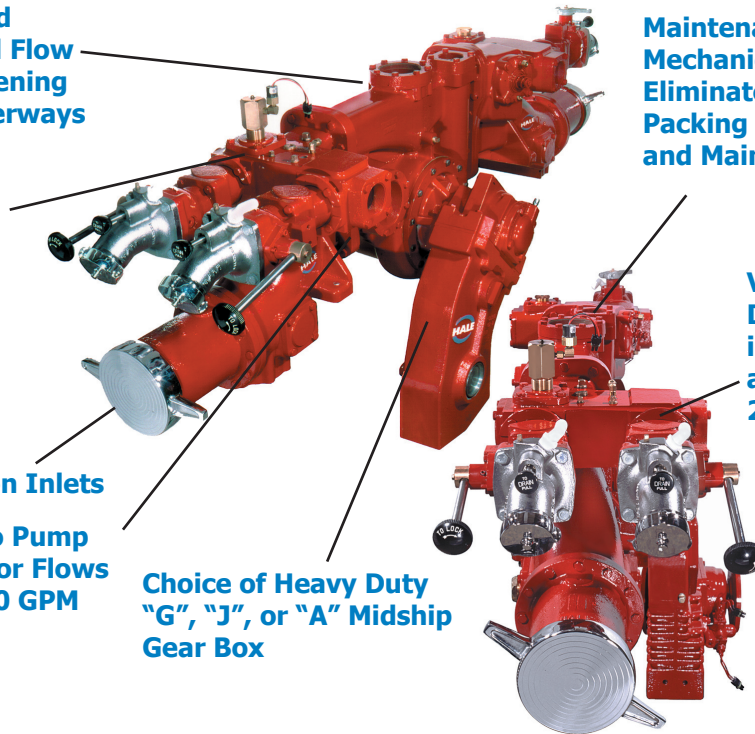
**Large Suction Inlets**

**4" Tank to Pump  
Opening for Flows  
up to 1000 GPM**

**Choice of Heavy Duty  
"G", "J", or "A" Midship  
Gear Box**

**Maintenance Free  
Mechanical Seal  
Eliminates Pump  
Packing Adjustments  
and Maintenance**

**Very Compact.  
Designed to fit  
in a pump box  
as small as  
24" long**



## The Single-Stage Technology Leader

Hale's amazing Qpak single-stage midship pump fits in a pump box size as small as 24" depending on plumbing configurations. The Qpak is lighter than current midship pump designs resulting in lower loads on the chassis. The innovative one-piece body allows easier access to the impeller and mechanical seal, minimizes piping requirements and makes routine maintenance easier.

The compact design of the Qpak results in a shorter pump box and increased room for water tanks, equipment, or personnel. And the Qpak is designed to exceed 1000 GPM rating and to exceed 1500 GPM from a sufficient positive pressure water source.

Fully manifolded, the Qpak has heavy duty gearbox options to the rear of the pump body. The Qpak comes with seven standard and four additional 3" optional discharge ports and is designed for normal commercial or custom chassis with at least 200 HP and 20,000 GVWR.

### Features and Benefits

**Three heavy duty gearbox choices  
increases power and engine/transmission  
pump match flexibility**

Three styles of gearboxes to choose from: "G" Midship Split Driveline style for traditional midship installations; "J" Offset Gearbox which allows LH or RH side PTO hookup; and the "A" Gearbox for Rear Mount or Flywheel PTO applications. Each gearbox is available in several ratios that are comparable with the most popular engine transmissions to ensure maximum performance.

**Oversized relief valve** — Offers greater bypass with less restriction and less pressure rise.

**Full flow waterways** — Cuts friction losses and delivers maximum pressure at discharge valve.

**Large suction inlet** — Delivers pump capacities beyond standard ratings.

**Maintenance free, self-adjusting  
mechanical seal** — Provides a positive seal to atmosphere under all pumping conditions; eliminates pump packing adjustments and maintenance.

# MIDSHIP PUMPS

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**Class 1**®

# Qpak Single Stage Pump

500 - 1000 GPM (2000 - 4000 LPM)



MIDSHIP PUMPS

**Eight full flow standard and four optional discharge ports** — Including 4-inch opening to accommodate large deluge gun requirements.

## Special Features

**Short overall midship length front to rear** — Allows for shorter wheelbase and smaller pump box.

**Vertical split, rear dropout design** — Very easy to remove and repair. Simplifies servicing.

**4" tank to pump opening for up to 1000 GPM performance**

**Optional check valve** — Provides booster tank protection.

**Designed to accommodate Hale options** — Added flexibility in your choice of accessories.

**Lightweight** — Qpak is lighter than current manifolded midship pumps for improved loading and weight distribution.

**Gearbox is air cooled** — No water line to connect and drain.

**Simplified plumbing** — Two drain port locations.

**Oversized side discharge passages** — Improves side valve flow capacity and performance.

**No outboard bearing to lubricate and maintain** — Simplifies servicing.

**Qpak 50**      **500 GPM @ 150 PSI**  
**2000 LPM @ 10.3 BAR**

**Qpak 75**      **750 GPM @ 150 PSI**  
**3000 LPM @ 10.3 BAR**

**Qpak 100**     **1000 GPM @ 150 PSI**  
**4000 LPM @ 10.3 BAR**

(GPM - US gallons per minute)

**Maximize Qpak pump performance with these exclusive Hale options**

**Torrent SVS Stainless Steel Valves** — The only valve line built for the fire service with a stainless steel ball for better resistance to pits and scratches. Torrent stainless steel balls require less maintenance and are designed to exceed NFPA requirements. If lubrication is required, it can be accomplished without taking the valve apart. Available in sizes from 1 - 4 inches, Torrent valves come in a variety of configurations.

**SPV Primer** — Push button activated priming valve

**TPM Total Pressure Master Relief Valve** — Protects your pump from over pressure. Monitors and responds to pressure variations on both the inlet and discharge sides of the pump.

**MIV Master Intake Valve** — For installation on either, or both, midship pump intakes, the MIV is located behind the operator panel eliminating unsightly, bulky valves hanging outside the running boards. Includes NFPA required LDH appliance relief valve.

**ESP Oil-Less Primer** — Environmentally safe oil-less priming system which does not require lubrication.

**TRV/TRV 120L Thermal Relief Valve** — Helps protect your pump by automatically monitoring pump water temperature. Automatically relieves water from pump when temperature of the pump water exceeds temperature setting of the valve.

**Anode System** — Helps prevent damage from galvanic corrosion within the pump.