



Class 1



QFlo Plus Single Stage Pump

Hale's QFlo Plus single stage midship pump 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 QFlo Plus results in a shorter pump box and increased compartment room for water tanks or personnel. Fully manifolded, the QFlo Plus has a split drive line and gear box to the rear of the pump body.

QFlo Plus is designed for normal commercial or custom chassis with at least 210 HP and 20,000 GVWR. Rated from 750 to 1250 GPM, NPFA 1901.

Features and Benefits

Heavy duty gearbox increases power and engine/transmission pump match flexibility. Shorter than other gearboxes by 30%, it allows for a decreased wheelbase and improves drive line angles. The gearbox is available in several ratios that are compatible with the most popular engine transmissions to ensure maximum performance.

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

Maintenance free, self-adjusting mechanical seal —

Provides a positive seal to atmosphere under all pumping conditions; eliminates pump packing adjustments and maintenance.

Full flow waterways — Cut friction losses and deliver maximum pressure at discharge valves.

Large suction inlet — Delivers pump capacities beyond NFPA 1901 standard ratings.

High Strength Pump Shaft — Pump shaft is supported close to the impeller which minimizes shaft deflection. Decreased shaft deflection reduces wear on shaft, impeller, clearance rings, and bearings, and eliminates need for two pump packings.

One piece body — Gives more room to work, allows better access to packing, minimized potential piping leaks, and makes routine maintenance easier.

Ten full flow standard discharge openings — Including 4-inch opening to accommodate large deluge gun requirements.

Additional optional discharge openings available. Optional (2) side and (2) top 4" openings; optional (5) 3" openings.

Serving Side-By-Side

QFlo Plus Single Stage Pump

1000-1250 GPM (2850 - 4732 LPM)

Special Features

- Short overall midship length front to rear; up to 7 inches shorter than comparable midship pump installations allows for shorter wheelbase and smaller pump box.
- 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 — Qflo Plus 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 — Single point drain port location

QFlo 75

750 GPM @ 150 PSI

2850 LPM @ 10.3 BAR

Qflo 100

1000 GPM @ 150 PSI

3785 LPM @ 10.3 BAR

Qflo 100

1250 GPM @ 150 PSI

4732 LPM W 10.3 BAR

Maximize your pump performance with exclusive Hale Options



ESP Primer



Total Pressure Master



Thermal Relief Valve



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Class 1®

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