

Vertical Split Coupled Inline Pump

PACO VLS

The PACO VLS vertical split coupled, inline pump has proven to be extremely versatile, often exceeding the requirements for a variety of market applications, such as chilled water, condenser water, and hot water systems. Once fitted with a speed-control system, the VLS significantly cuts energy use and provides a pump payback in as little as one to two years.

Key Features and Benefits

- Vertical configuration saves floor space and reduces piping
- Axially split coupling enhances ease of service and alignment
- Spacer coupling allows rapid mechanical seal access without motor removal for service friendly design
- Double volute design extends seal and bearing life, minimizes noise and vibration, and improves operating efficiency
- No inertia base required
- Vertical shaft configuration promotes longer seal and bearing life
- No coupling alignment or bearing frame assembly needed
- Equal size suction and discharge pipes eliminate need for reducers or other fittings
- Heavy duty cast and machined motor bracket creates rigid and reliable mounting surface with easy alignment
- Case wear rings reduce maintenance costs and maintain high efficiency
- Shaft sleeves extend life of shaft and usable life of pump
- Suction baffle creates a smooth, quiet pump operation
- No flexible connectors or foundation grouting needed
- Mounts like a valve for quick installation
- Francis Vane impeller design increases efficiency and reduces net positive suction head required
- Broad range of industry-standard TC motors are stocked by motor manufacturers



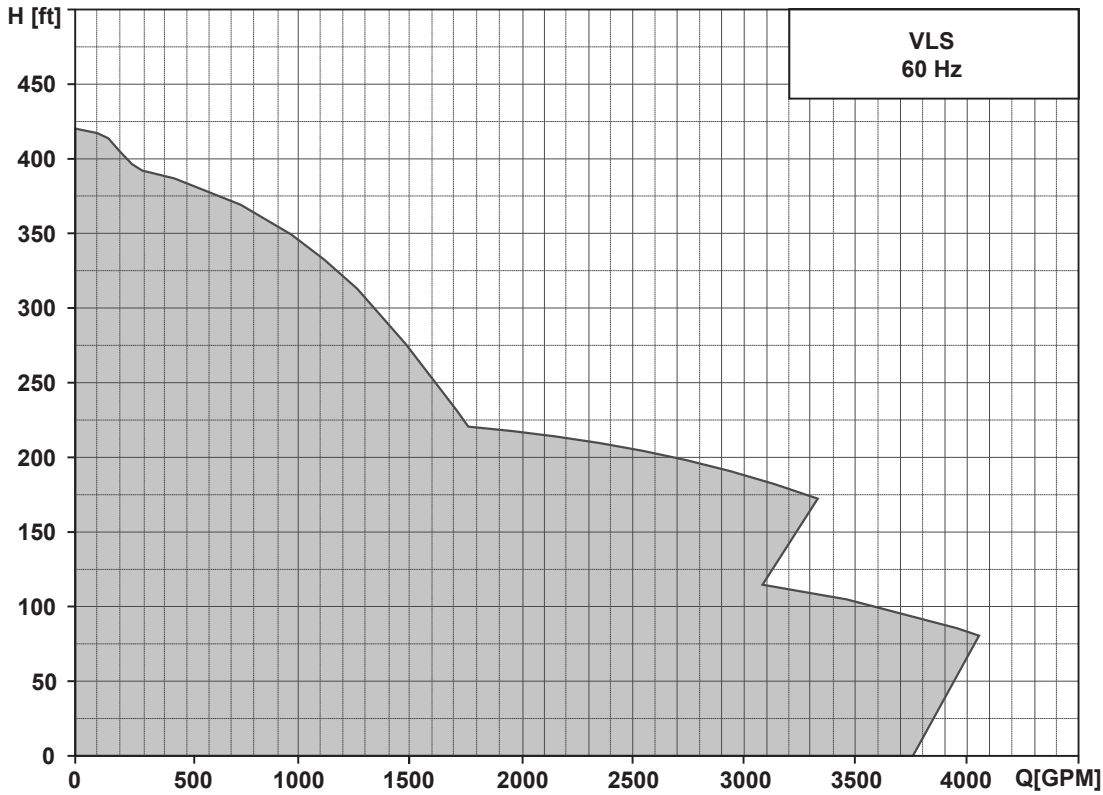
APPLICATIONS

- Chilled water
- Condensed water
- Hot water
- Service water
- District cooling/heating systems
- Boiler/hydraulic heating
- Air conditioning
- Cooling towers

VLS Technical Data

| VLS with TC motor Information | |
|-------------------------------|--------------------------|
| Flow, Q | max. 4100 gpm |
| Head, H | max. 420 ft |
| Fluid temp. | 10° to 275° F |
| Working pressure | max. 175 psi* |
| HP range | max. 125 Hp |
| Speed | 3600, 1800, and 1200 RPM |
| Discharge/Suction sizes | 1.25 to 10 in. |

* 250 psi rating available



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