Vertical Split Coupled Inline Pump
PACO **VLS**

The PACO VLS vertical spilt 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/hydronic heating
- Air conditioning
- Cooling towers

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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

VLS
60 Hz

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