

# End Suction Split Coupled Pump

## PACO **LCS**

The LCS single stage, end suction, split coupled pump serves as the industry standard in performance, quality, and durability. The LCS provides hydraulic performance equal to that of a frame mounted, long coupled model, but in a compact design. Advanced features and benefits incorporated as standard, as well as optional features that meet specialized needs, set these high-efficiency, end suction pumps apart as the broadest line offered to the marketplace.



## Key Features and Benefits

- No baseplate grouting required
- Axially split, rigid coupling enhances ease of service with reduced maintenance costs
- No alignment required between the pump and motor eliminates laser alignment costs and reduces installation time
- Optimized, space-saving design has 35% smaller footprint than frame mount design
- Spacer coupling allows rapid mechanical seal access without motor removal for service friendly design
- Vesconite case wear rings extend pump life and increase efficiency
- Double volute design increases efficiency, lowers life cycle costs and prolongs seal and bearing life
- Francis Vane impeller design increases efficiency and reduces NPSH required
- Reduced installation and wiring cost
- Integrally cast diffuser vane reduces turbulence and need for suction guides
- Trimmed and balanced impellers allow customization, reduce noise and vibration for quiet operation and prolong seal and bearing life
- Large seal chamber allows various seal configurations and customization

### APPLICATIONS

- Chilled water
- Condensed water
- Hot water
- District heating/cooling
- HVAC
- Process water
- Light industrial
- Water utility

# LCS Technical Data

LCS Information	
Flow, Q	max. 4200 gpm
Head, H	max. 430 ft
Fluid temp.	10° to 275° F
Max. working pressure	max. 175 psi*
HP range	max. 125 Hp
Speed	3600, 1800, and 1200 RPM
Discharge sizes	1 to 8 in.

\* 250 psi rating available

