LaBour LHLA / LPLA

Back Pull-Out Self-Priming Pumps

All of LaBour’s self-priming pumps operate with the “Hydrobalance Principle”; air is evacuated from suction lines without the use of auxiliary equipment.

The LHLA/LPLA series pumps are back pull-out construction and use the ASME/ANSI B73.1 LVA series shaft and power end.

Applications

- Chemical Transfer
- Bilge Water Removal
- Liquor Evaporator
- Tank Car Unloading
- Industrial Waste Treatment
- Mine Dewatering
- Tunnel Dewatering
- Condensate Systems
- Volatile Liquid Handling

LaBour LHLA/LPLA

Model Range:
10W (2”x 2”) to 35W (6”x 6”)

Temperature:
Up to 400º F

Suction Lift:
25 ft - 30 ft

Markets

- Industrial
- Petroleum
- Power
- Utility
- Chemical Process
- Food & Beverage Process
- Pulp & Paper
- Pharmaceutical
- OEM
- Agriculture
- Primary Metals
- Pollution Control

LaBour - When pump failure is not an option.
Design Features and Benefits

- Back pull-out feature with an ANSI series bearing frame for ease of maintenance.
- Every LHL/LPL series pump offers both rapid priming time and high lift capabilities.
- Inherently self-priming, eliminating the need for check valves, foot valves, and auxiliary priming devices.
- LHL/LPL design incorporates large diameter ANSI shafts which minimize shaft deflection and reduce mechanical seal wear.
- Circular casing eliminates vapor lock.
- Component construction enables the user to replace any individual part without replacing the entire unit.
- Removable basket strainer prevents foreign solids from damaging the pump.
- All pumps tested for 20” Hg minimum vacuum.

Material Selection

- Cast Iron
- 316SS
- 316L
- 304SS
- 304L
- A-48 (CD4-MCu)
- Elcomet K (ASTM CN-7M)
- R-55 (Nickel based alloy)
- Y-17 (Similar to Hastelloy C)*
- Y-30 (Similar to Hastelloy B)*
- Nickel

Other Alloys Available

*Registered trademark of Haynes International.

Standard Option

Choice of gland packing or any type of mechanical seal.
Optional jacketed seal chamber to maintain temperature of seals.
Available less trap for difficult flooded suction applications.
Bearing housing can be upgraded to 316SS or Elcomet K to meet your application.
Optional belt-drive shaft for variable speed applications.

Service and Delivery

LaBour’s investment in inventory gives you the advantage of short lead times. We can schedule your order without material delays.

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