

泵提供平穩的流量且沒有脈衝

LHA系列泵提供高達30 LPM的穩定流量，並擁有安全加工的PTFE / PFA液體路徑之特點。泵的的工作溫度至高可以到100°C (212°F) 的流體溫度，空氣供應壓力5.5 Bar (80 psi)，揚塵可以達到3 m (10 ft)。

優秀的泵技術

PTFE/PFA液體通路

Laminar 泵流量至高到30 lpm

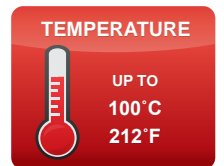
操作可靠，無漏液的密封設計

堅固的波紋管技術是經過驗證的

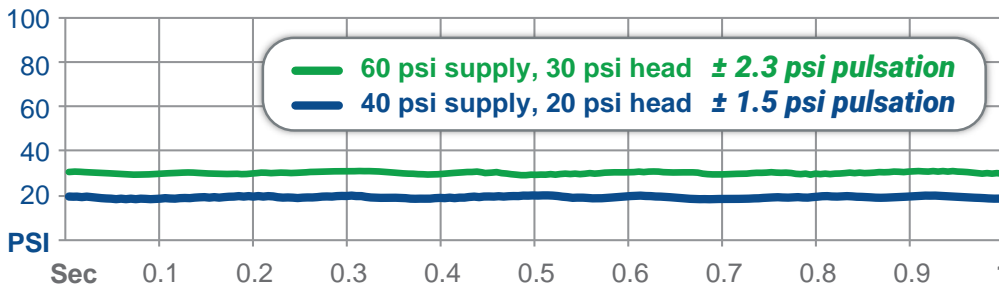
悶打的操作

吸液高度為3米

各種液體連接選項的



脈動曲線

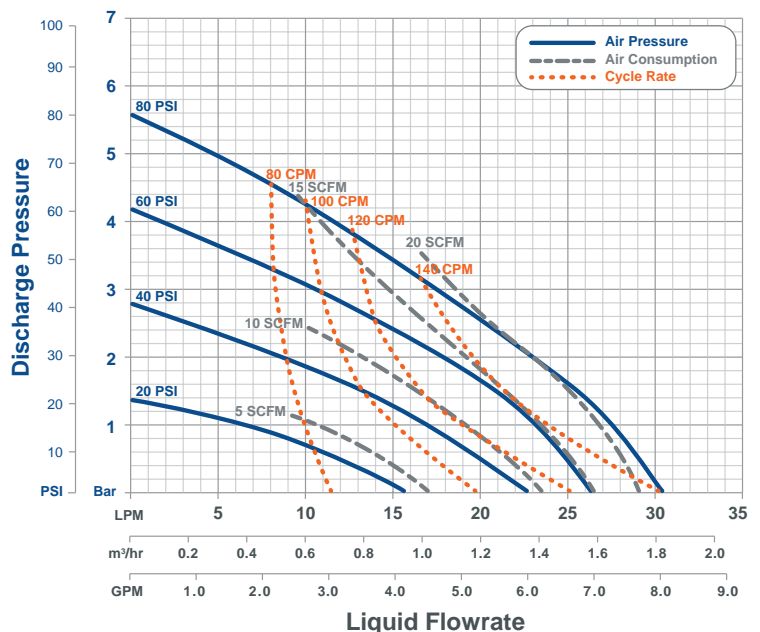


特點和優點

- Laminar 泵流量至高到30 lpm
- 過程安全的PTFE/PFA液體通路
- 無橡膠O形圈、不漏水、無需緊固
- 操作可靠，無漏液的密封設計
- 類比訊號來偵測運行狀況
- 光纖和電阻式測漏感測器都是可用的
- 堅固的波紋管技術是經過驗證的
- 5.5公斤 (80psi)氣壓
- 吸液高度為3米
- 悶打的操作
- 耐用的機械設計
- 聚合物的置具將磨擦減到最小並延長壽命
- 100級潔淨室裝配、測試和封裝
- 在兩年的保固期內不會有任何預防性維護

*Graph is for reference only. Performance was measured utilizing 1/2 in (3/8 in ID) air line and 1-1/4 in (1-1/8 in ID) liquid lines with 1 ft flooded suction. Performance may vary in your system.

泵性能





泵規範

Model	LHA030
Flow Rate*	≤ 31 lpm (8.2 gpm)
Air Connection	1/4 in FNPT
Fluid Temperature	≤ 100°C (212°F)
Supply Air Pressure	≤ 5.5 Bar (80 psi)
Startup Air Pressure	≥ 1.4 Bar (20 psi)
Required Air Volume	> 26 SCFM
Suction Lift*	≤ 3 m (10 ft)
Fluid Path Materials	PTFE, PFA
Non-Fluid Path Materials	PTFE, PFA, PP, Viton, neodymium, PET-P, UHMW
Stroke Detection	Hall Effect Sensor (NPN or PNP)
Leak Detection	Fiber optic with or without sensor, or conductivity
Electronic Control	Call for details.

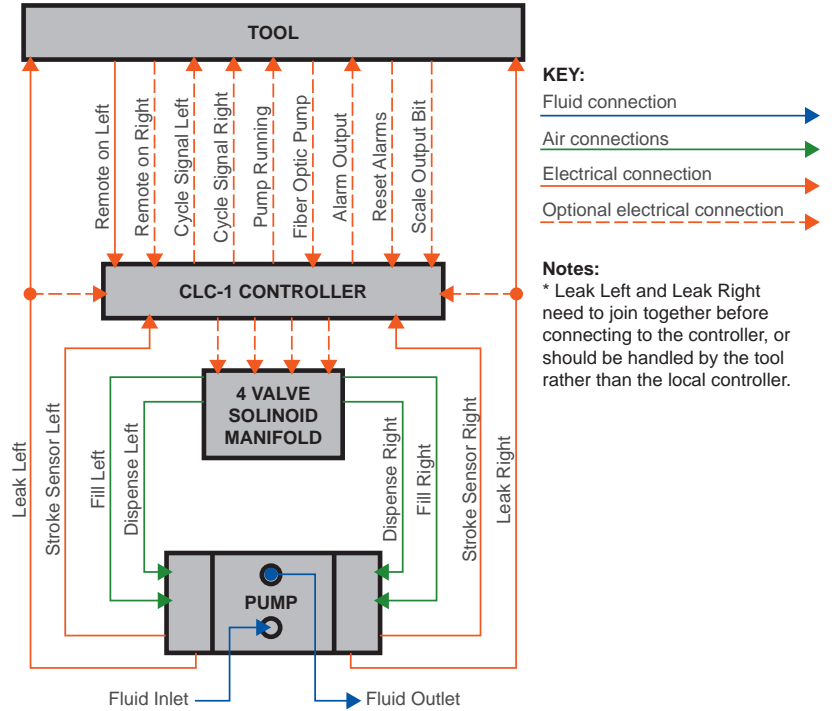
Air Signals	Two 5-way valves (center vent) or Four 3-way valves (normally closed) <i>Valves with metal seals are recommended for longer life.</i>
Electrical Requirements	24 VDC Power Power consumption depends on current draw on external devices: • Controller power alone 4 watts • Max Digital Output current 500 mA sourcing or 24 mA sinking • Max Analog Output current 10 mA total voltage output or 20 mA with 4-20 mA conversion board

Pump Connections	<ul style="list-style-type: none"> • Four air connections 1/4-in NPT with quick exhaust connectors (one fill and one dispense for each side) • Two leak detect sensor connections 1/4-in NPT (one for each side) • Two fluid connections configurable to various tube connections (one inlet and one outlet) • Two analog hall effect stroke sensing.
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Controller Connections	
Digital Outputs	<ul style="list-style-type: none"> • Four solenoid signals • Two stroke rate signals (for tool feedback) • Pump running signal (for tool feedback) • Alarm output (for tool feedback)
Digital Inputs	<ul style="list-style-type: none"> • Remote signal left • Remote signal right • Enable scaled output signal • Retrain pump sensors • Leak detect input • Reset Alarms
Analog Inputs	Two stroke sensors

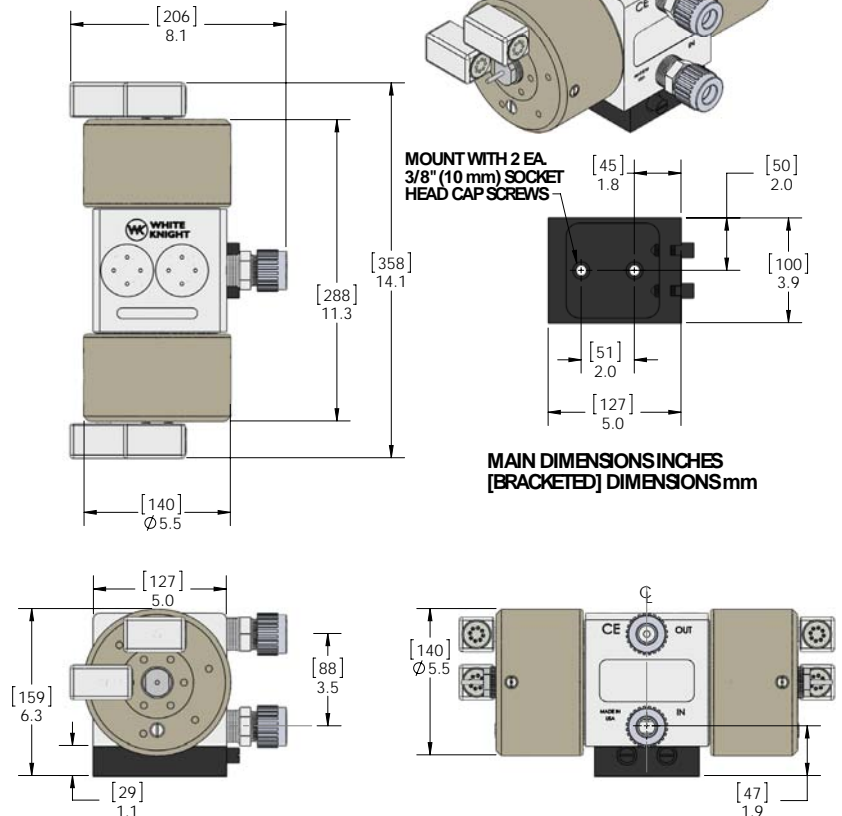
*May vary by configuration. Suction lift diminishes over time. Recommended installation level less than 3 ft above source.

配線連接



泵尺寸

尺寸單位為英寸的圖 (毫米)



<https://wkfluidhandling.com/zh-hant/lha-series/>

