VFD/Motor Assembly

Plug And Play And You're On Your Way

NEW! MOTOR ASSEMBLY OPTION

Liquiflo is proud to announce a 1 HP motor / variable frequency drive assembly option for the H-series pumps. The VFD/Motor assembly simplifies the motor and drive selection. When ordered with a close coupled H-series pump, the assembly comes installed onto the pump pedestal as shown, ready to take out of the box and plug into a 115 VAC wall outlet. The VFD allows the motor speed, thus the pump flow rate to be manually controlled via the keypad or potentiometer. The digital display can be easily configured to read frequency (Hz), RPM or 0-100%.

Liquiflo® Chemical Processing Pumps

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Quick Reference Motors
Variable Frequency Drive Assembly

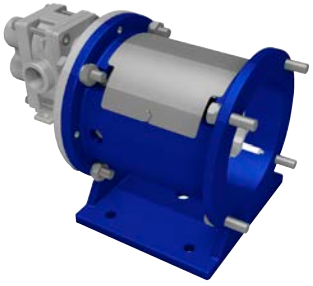
This package is designed to simplify selection of motors and drives to provide an out of the box solution that can plug into a wall outlet and allows the end user to control the flow rate of the pump by adjusting the motor speed. The standard drive is designed to be user friendly, without the myriad of confusing parameters required by most VFDs. The display is configured at the factory to display RPM, but can be easily set to display frequency (Hz) or a scaled value i.e. 0-100%. The speed can be adjusted using either the up/down arrow keys or the built in potentiometer. A built in power switch allows the drive to be turned off using the drive itself. The drive is configured to accept 115 VAC, single phase input power. It can be field adjusted to accept 230 VAC single phase power. If 4-20mA control is desired, a field installable board can be supplied as an add on to accept control input signals from devices such as flow meters or pH sensors.

Motor Specifications:
1 HP
TEFC
20:1 Constant Torque
Cast Iron Frame

Drive Specifications:
115 VAC, 1 Phase Input
Supplied with 10ft Wall Plug (NEMA 5-15)
NEMA 1 Enclosure
Digital Display
On/Off Line Switch
Built in keypad or potentiometer control
optional Input/Output (4-20mA) board

NOTES:
1 Liquiflo Code refers to motor frame designation in pump model coding

VFD Assembly



Pump

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Motor/VFD Assembly

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Complete Assembly

General Purpose Motor/VFD Assembly for Pump Models H1F-H9F

Part Number	Description	Motor Frame Size	Liquiflo Code[1]	
A-1A	Motor/VFD Assembly, 1HP, 115/1/60 Input, NEMA 1	143TC	1	

SPRINGER PUMPS since 1965

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