

VARIOSPEED® LCD DRIVE

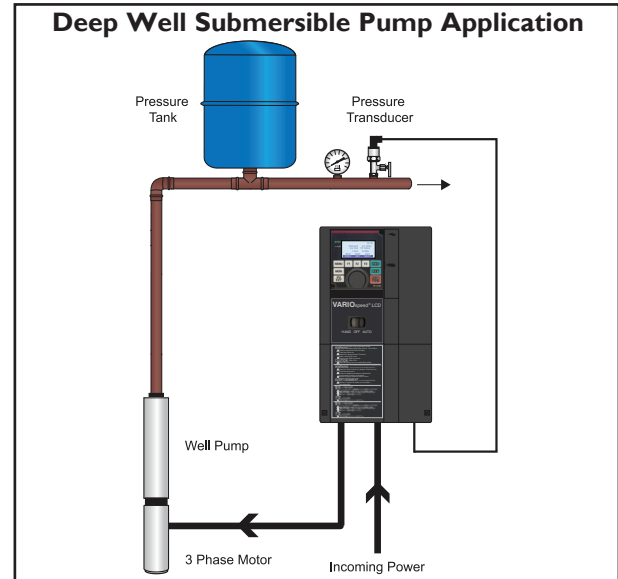
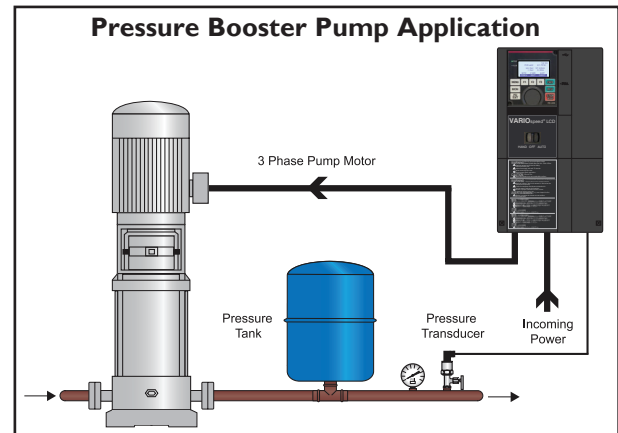
Variable Frequency Drive for pressure control applications.

The **VARIOspeed® LCD Drive** has been factory pre-programmed for specific pressure control applications.

As flow and head conditions change in the pumping system, the VARIOspeed® LCD Drive is able to automatically control the pump speed and maintain a constant discharge pressure. The desired set pressure is set on the VFD keypad. The pressure transducer measures the pump discharge pressure.

FEATURES

- Power
 - Available HP range
 - (208 - 240V) 5 HP - 40 HP
 - (380 - 480V) 5 HP - 50 HP
 - Models available for single phase or three phase supply voltage
 - UL Listed for single phase or three phase supply voltage
 - Energy optimization control
- Control
 - PID control
 - Hand/Off/Auto selector switch
 - Adjustable electronic overload
 - 0-200 PSI transducer (4-20 mA signal)
 - Auto Start on pressure drop (adjustable)
 - Auto Stop on No-flow (sleep mode)
 - Pre-charge control (gradual pipe pressurization)
 - High and low pressure alarms
 - Automatic system restart
 - Low water shutdown digital input
 - 2 relay outputs
 - 2 analog outputs
 - Modbus RTU communication (RS-485)
- One-year limited warranty



USER FRIENDLY VARIOSPEED® LCD DISPLAY:



- **DISPLAY:** Monitor Backlit LCD
- **MENU:** Displays parameters and drive data
- **FUNCTION KEYS:** Navigate through parameters, monitored data, and save changes
- **SETTING DIAL:** Scroll through parameter list and edit parameter value



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Part Number	Model	Motor Max Amps ⁽¹⁾	Motor HP ⁽²⁾ (approx)	Enclosure Rating
208-240V, Three Phase Incoming Power				
1047801	V23-16.7-LCD	16.7	5	NEMA 1 (indoor)
1047802	V23-25.0-LCD	25.0	7.5	NEMA 1 (indoor)
1047803	V23-34.0-LCD	34.0	10	NEMA 1 (indoor)
1047804	V23-49.0-LCD	49.0	15	NEMA 1 (indoor)
1047805	V23-63.0-LCD	63.0	20	NEMA 1 (indoor)
1047806	V23-77.0-LCD	77.0	25	NEMA 1 (indoor)
1047807	V23-93.0-LCD	93.0	30	NEMA 1 (indoor)
1047808	V23-125-LCD	125.0	40	NEMA 1 (indoor)
208-240V, Single Phase Incoming Power				
1047818	V21-17.0-LCD	17.0	5	NEMA 1 (indoor)
1047819	V21-24.5-LCD	24.5	7.5	NEMA 1 (indoor)
1047820	V21-31.5-LCD	31.5	10	NEMA 1 (indoor)
1047821	V21-38.5-LCD	38.5	10	NEMA 1 (indoor)
1047822	V21-46.5-LCD	46.5	15	NEMA 1 (indoor)
1047823	V21-62.5-LCD	62.5	20	NEMA 1 (indoor)
380-480V, Three Phase Incoming Power				
1047809	V43-8.3-LCD	8.3	5	NEMA 1 (indoor)
1047810	V43-12.6-LCD	12.6	7.5	NEMA 1 (indoor)
1047811	V43-17.0-LCD	17.0	10	NEMA 1 (indoor)
1047812	V43-25.0-LCD	25.0	15/20	NEMA 1 (indoor)
1047813	V43-31.0-LCD	31.0	25	NEMA 1 (indoor)
1047814	V43-38.0-LCD	38.0	30	NEMA 1 (indoor)
1047815	V43-47.0-LCD	47.0	40	NEMA 1 (indoor)
1047816	V43-62.0-LCD	62.0	50	NEMA 1 (indoor)
<p>Larger horsepower models and engineered solutions are available upon request.</p> <p>(1) Check motor max amps for proper drive sizing. Drive Output Current rating must be greater than motor max amps.</p> <p>(2) Horsepower rating is based on standard NEMA B 4-pole motor (used for indication only, use motor max amps for sizing).</p> <p>Note: The output voltage of the VARIOspeed® LCD VFD cannot exceed the incoming power. Example: 208V in, 208V out.</p>				

SEE INTERNATIONAL PRICE BOOK FOR LIST PRICE.



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