VFD SUBMERSIBLE SYSTEM
UltraDrive

An advanced 3 inch submersible designed to fit 3" inside diameter casings!

Introducing the latest in the family of SEI Submersibles! Advanced computer controlled constant pressure system for 3inch or larger wells. The state of the art Variable Frequency Drive system is designed to digitally control the pump motor speed as the pressure demand changes. This provides you with the convenience of constant pressure along with advanced pump system protection and diagnostics.

At the heart of the pump is efficient and reliable UltraTorque motor designed to run up to 6,000 RPM with soft start and extremely smooth motor speed control. Coupled with the Strom 3 inch pump the unit provide years of maintenance free comfort. All of this is available in both normal and deep set models to cover the entire normal range of well depths.

The system comes prewired with a Danfoss pressure transducer mounted in a convection cooled NEMA 3R standard indoor rated enclosure. (outdoor rated enclosure also available).

Operational Features:

- *Soft Start motor control to prevent hammering and overheating*
- *Dry Run Protection to prevent pump damage*
- *Overload Protection to prevent pump damage*
- *Under & Over volt protection to increase pump life*
- *Super easy "Set Pressure" with push button up/down arrows*
- *LED pressure, status and diagnostic display*
- *Keypad lockout on VFD controller*
- *High quality pressure transducer*

Technical Features:

- *Pump & motor fits INSIDE of a 3 inch ID casing WITH wire guard installed.*
- *Ultra Torque three phase 230V 2 hp energy efficient motor*
- *3" Delrin® Impellers*
- *Stainless Steel Housing*
- *Stainless Steel Shaft*
- *Indoor or outdoor VFD controller enclosures available*
- *VFD powered by a Single phase 230v circuit.*
- *Normal and deep set cover a wide range of flow and TDH specifications*

Applications:

- *Residential potable water supply from deep and shallow wells.*
- *Irrigation and other agricultural applications.*
- *Water tank and cistern applications*
- *Light commercial water supply*

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