

SubDrive2W

CONSTANT PRESSURE

For Single-Phase, 2-Wire Applications

Lancaster Pump Offers The Most Advanced Solutions For Providing Constant Water Pressure To Residential Water Systems

FEATURES

- Single-phase, 230 volt, 2-wire motor constant pressure system
- 1/2hp, 3/4hp or 1hp performance
- Can retrofit existing systems—no need to pull the pump
- Plug and play
- Built-in diagnostic protection
- Converts conventional 1/2hp, 3/4hp and 1hp pumping systems to a variable-speed constant pressure system by simply replacing the pressure switch
- Pump output using the SubDrive2W is similar to the performance achieved using a conventional pressure switch without the 20psi differential. (Refer to **SURVIVOR**® Series Pump literature for details of the pump selection procedure.)
- Ideal for applications where constant pressure is desirable: residential water systems, landscaping, water treatment and geothermal applications where a Franklin Electric two-wire motor is currently installed.

Note: For 3-wire single phase 1/2-1hp application, MonoDrive part number 6-5870203110 available.



SubDrive 2W
Part #: 6-5870203223



Outdoor rated
NEMA 3R enclosure

PREMIER PRESSURE™

Featuring Franklin Electric's SubDrive 75 and 150 Constant Pressure Controllers, our Premier Pressure Systems utilize our performance-proven **SURVIVOR**® Series Pump Ends and industry-standard Franklin Electric motors. Premier Pressure provides constant pressure through a wide range of flow demand, including large homes, ground source heat pumps and sprinkler systems.

Lancaster Pump offers 8 different systems to choose from, depending on depth of well and available water flow. (Refer to Premier Pressure specification sheets for accurate sizing information.)

FEATURES

- 1/2hp performance from a 3/4hp Pump End.
- 3hp performance from a 1 1/2hp Pump End.
- Constant water pressure with a wide range of settings (25 to 80 psi).
- Works with small pressure tanks or larger tanks already in place.
- 3-phase performance using 1-phase input - more efficient and smoother running.
- Built-in diagnostics and protection - surge protection, under-load, under-voltage, locked pump, open circuit, short circuit, overheated controller.
- Smart Reset technology allows well recovery before restarting the pump.
- Water faucets can be installed between wellhead and controller.

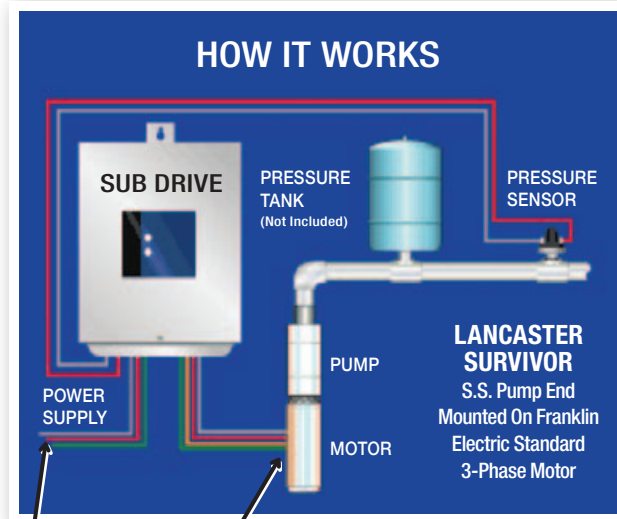
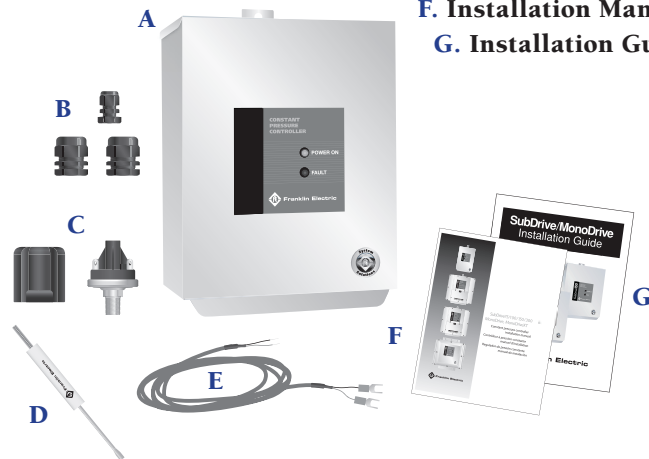




PREMIER PRESSURE™ Constant Pressure Systems

Franklin Electric's SubDrive 75 and 150 Includes...

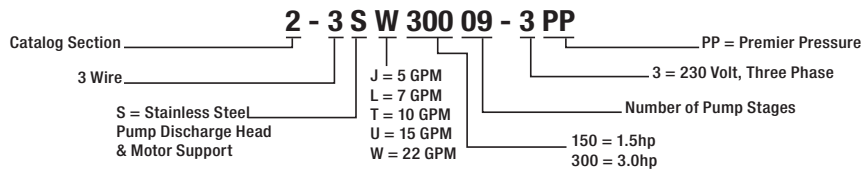
- A. Controller Unit
- B. Strain Relief Fittings
- C. Pressure Sensor and Boot
- D. Sensor Adjustment Tool
- E. Sensor Cable
- F. Installation Manual
- G. Installation Guide



SINGLE PHASE INPUT THREE PHASE OUTPUT

Premier Pressure Model Number Breakdown

Premier Pressure System Model Number	Lancaster Survivor Pump End Used	Franklin Electric Motor Used	Franklin Electric SubDrive Used
2-3SJ15013-3PP	SJ7513	234 514 XXXX 1.5hp 230V / 3 Phase / 60 HZ	SubDrive 75
2-3SL15012-3PP	SL7512		
2-3ST15010-3PP	ST7510		
2-3SU15006-3PP	SU7506		
2-3SW15005-3PP	SW7505		
2-3ST30017-3PP	ST15017	234 316 XXXX 3.0hp 230V / 3 Phase / 60HZ	SubDrive 150
2-3SU30011-3PP	SU15011		
2-3SW30009-3PP	SW15009		



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