

# SubDrive2W

## CONSTANT PRESSURE

Motors  
Drives  
Controls  
Protection

### For Single-Phase, 2-Wire Applications

Designed to handle single-phase two-wire pumping systems up to 1 hp, the SubDrive2W is a constant pressure system that offers outdoor rated NEMA 3R enclosure protection. Ideal for applications where constant pressure is desirable: residential water systems, landscaping, water treatment and geothermal applications where a two-wire motor is currently installed.

#### SubDrive2W features:

- Single-phase, 2-wire constant pressure system
- ½ hp, ¾ hp or 1 hp performance
- Easy to install NEMA 1 and 3R rated enclosure
- Plug & play
- Built-in diagnostic protection
- UL and CUL listed
- Patent pending

For more information, contact your local distributor.



# Specifications

All SubDrive2W have N3R enclosures.

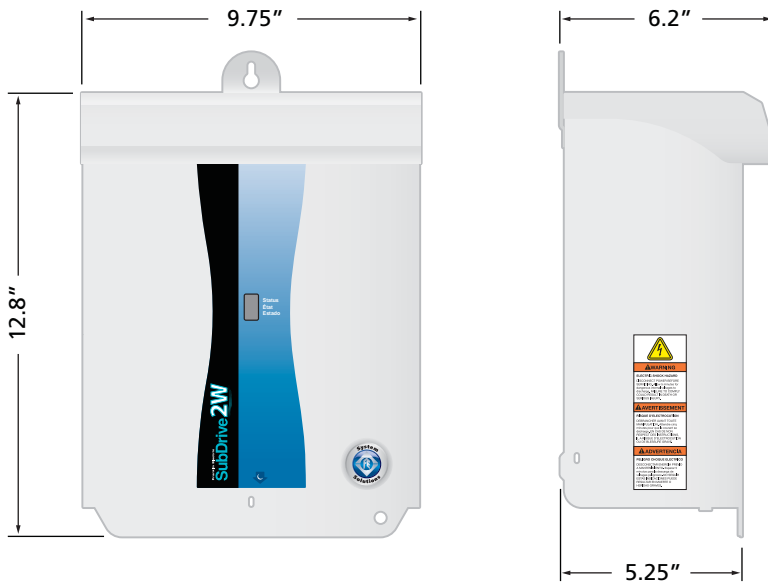
SubDrive2W	
Model No.	587 020 3223 (Air Filter Kit) 225 835 901 (Fan Kit) 225 635 910
<b>Input (From Power Source)</b>	
Voltage	230 V (± 10%) 1-Phase
Frequency	60/50 Hz
Max Amps (RMS) (For circuit breaker sizing)	< 12 A
<b>Output (To Motor)</b>	
Voltage	Variable/1-Phase/FE Motor
Frequency	Variable (30-60 Hz)
Max Amps (RMS)	6.0 A (½ hp), 8.0 A (¾ hp), 9.8 A (1 hp)
<b>For Use With:</b>	
Pump Rating	½, ¾ or 1 hp (Selectable)
FE Motor Rating	½, ¾ or 1 hp, 230 VAC (1-Phase), 60 Hz
Pressure Sensor (Included)	External
Controller Weight	15.0 lbs (6.80 kg)
Carton Size	12¼ x 16½ x 9" (31.1 x 41.9 x 22.9 cm)
Shipping Weight	18.0 lbs (8.16 kg)

The SubDrive2W is designed to convert a conventional 1/2 hp, 3/4 hp and 1 hp pump system to a variable speed constant pressure system by simply replacing the pressure switch. Maximum pump output using the SubDrive2W is similar to the performance achieved using a conventional pressure switch. Therefore, the pump selection criteria are the same as if a pressure switch were used. (Refer to the pump manufacturer's literature for details of the pump selection procedure.)



Pressure Switch  
(included)

# Mounting Dimensions



**Franklin Electric**

400 East Spring Street, Bluffton, Indiana 46714  
Tel: 260.824.2900 Fax: 260.824.2909

[www.franklin-electric.com](http://www.franklin-electric.com)  
[www.constantpressure.com](http://www.constantpressure.com)