

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 motor constant pressure system
- ½ hp, ¾ hp or 1 hp performance
- Easy to install NEMA 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.

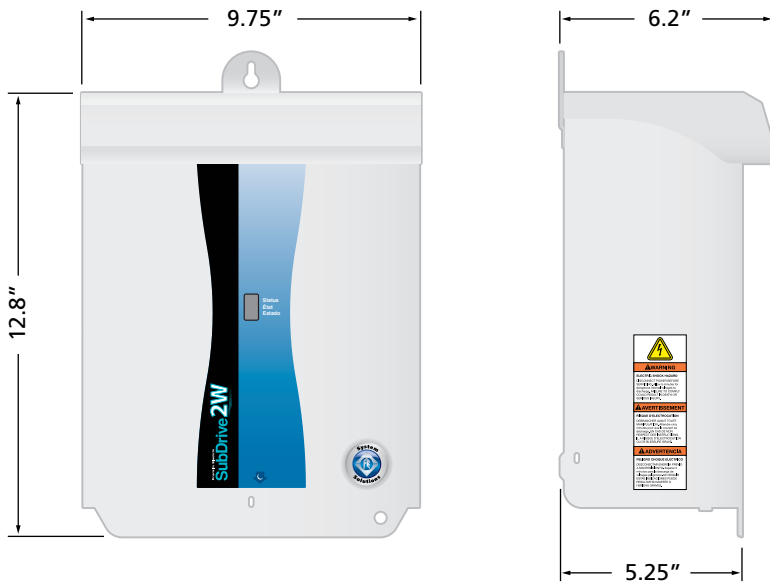
SubDrive2W	
Model No.	587 020 3223 (Air Filter Kit) 225 835 901 (Fan Kit) 225 635 910
Input (From Power Source)	
Voltage	230 V (± 10%) 1-Phase
Frequency	60/50 Hz
Max Amps (RMS) (For circuit breaker sizing)	< 12 A
Output (To Motor)	
Voltage	Variable/1-Phase/FE Motor
Frequency	Variable (30-60 Hz)
Max Amps (RMS)	6.0 A (½ hp), 8.0 A (¾ hp), 9.8 A (1 hp)
For Use With:	
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



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