



Constant Pressure Booster System with Variable Frequency Drive



Constant Pressure:

- Propel™ maintains constant pressure regardless of flow demand.

Simplified Fully Adjustable Control:

- Easily adjustable pressure range (0-100 psi).
- Displays set pressure, actual pressure, voltage to pump, amperage to pump, frequency, and Fwd/Rev.

Turn-key, Skid Mounted:

- Small Footprint (26" x 30")
- Pre-plumbed, pre-wired
- All required components Included:
 - pressure transducer, relief valve, pressure gauge, and shutoff valve

Enclosure:

- IP-56 rated: Limited ingress of dust permitted (no harmful deposit) and protected against strong jets of water.
- Power Disconnect for convenience and safety



Includes:

- 100 psi transducer
- Vented IP-56 Rated Enclosure
- Sized Pressure Tank to help stabilize pressure and reduce pump workload
- 20/10 A fuses to protect control
- 230/460V 1/3Φ Pump
- 230/460V 1/3Φ VFD Control
- Pre-assembled skid
- Pre-wired Control & Pump
- Union included on outlet

Optional

Bypass:

- Available in copper or PVC
- Provides Isolation valves for ease of access to pump.

Advanced Sleep Mode:

- Programmed and wired for efficiency and increased pump life span
- Sleep mode can be controlled by time delay, pressure, and by an external switch.

Higher Flow Systems Available:

- Contact your authorized dealer

	DVFP-70	DVFP-100	DVFP-140
HP	3	5	5
Suction	2"	2"	2"
Discharge	1.5"	1.5"	2"
Flow @ 45psi	70 gpm	100 gpm	140 gpm
Flow @ 55psi	45 gpm	90 gpm	115 gpm

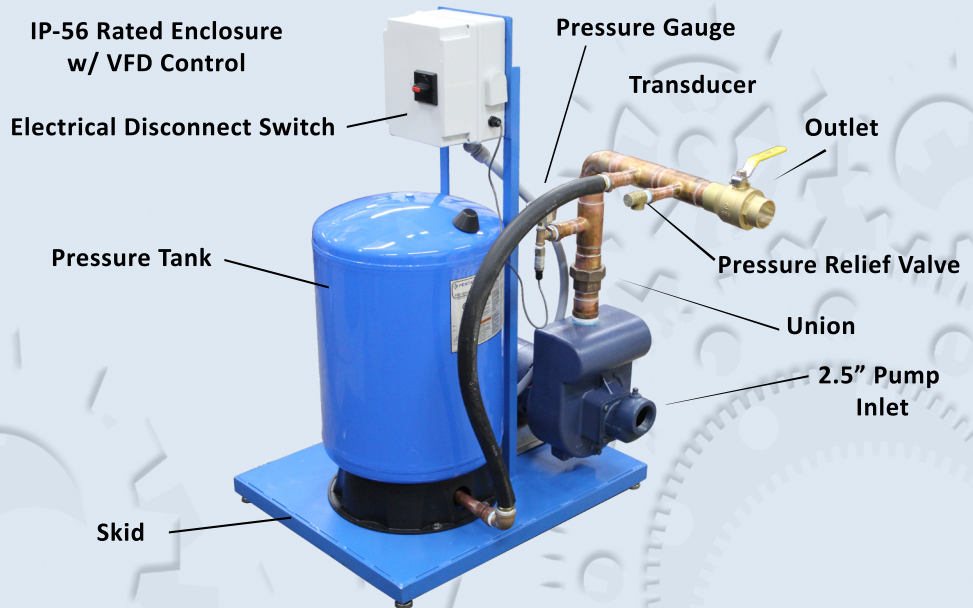
Manufactured by:



www.diamondh2o.com

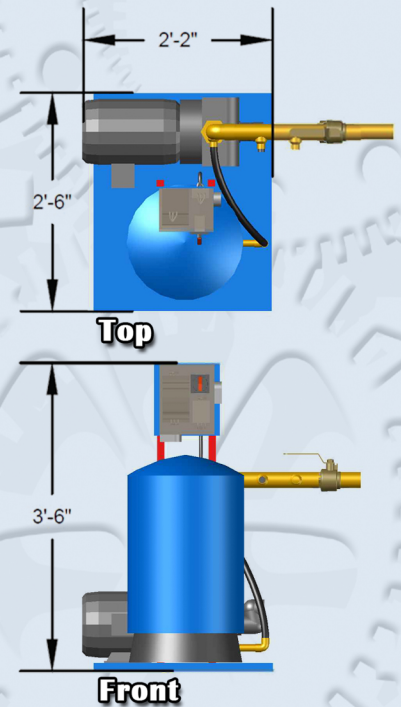
Bulletin: 401VFD-15-1

Propel System Overview



Performance:

Dimensions will vary with optional Bypass Assemblies.



Pump Curve

