

The *TW1000-20W-70 Flag Frame Booster System* is equipped with a centrifugal pump regulated by a variable frequency drive that controls pump operation to maintain constant pressure regardless of varying demand or fluctuation in incoming pressure. This system will supply 20 GPM with a 70 PSI overboost.

Features and Benefits:

- Residential & Commercial application
- Quiet, Compact & Powerful
- Variable Frequency Drive controlled pump
- Energy efficient operation
- Prewired & Factory Tested

Standard system components:

- Centrifugal Pump
- VF drive with transducer
- Pneumatic tank
- Pressure Gauge
- Relief valve
- Tank tee
- Check valve
- Brass Nipple
- Steel Flag Frame
- Copper Fittings

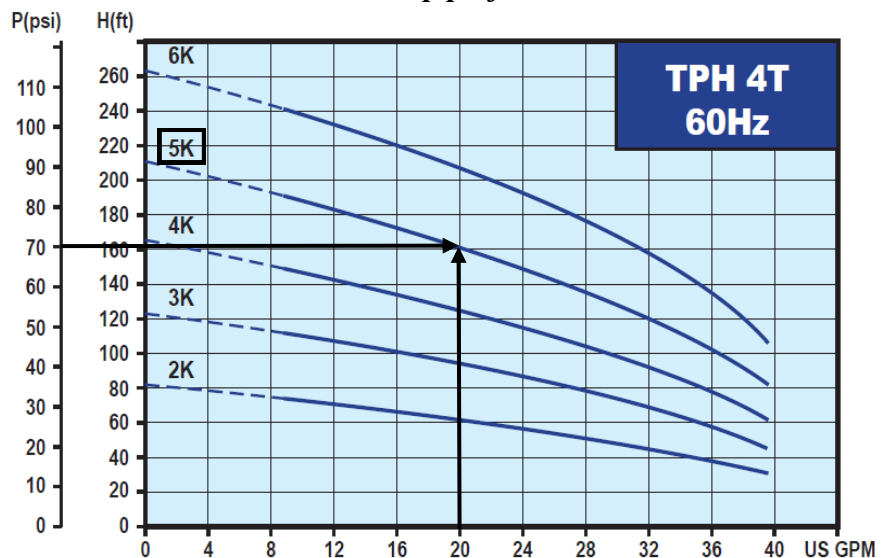


Technical Specifications:

- Pump:** Walrus (TEFC motor) [4T-5K]
- Controller:** Emerson or equal
- Flow Rate:** 20 GPM
- Boost:** 70 PSI Overboost
- Horse Power:** 1 1/2 HP
- Suction:** 1 1/4 inch
- Discharge:** 1 inch
- Tank:** 5 Gallon
- Frame Size:** 22.25" W x 22.25" H x 5.5" D
- Decibel rating:** <70 db @ 3500 RPM
- Power Options:** Independent circuit required
208-220V/1-3PH/15A
360-480V/3 PH/15A

*All parts shown are included in the system
Actual system components may vary
Some assembly required*

Pump performance curve



Minimum requirements:

- Adequate amount of water volume needed
- Water supply must be free of large impurities
- Booster system must not be run dry
- Pump needs flooded suction
- Pump cannot lift water from an underground water storage tank
- Booster system must be protected from the elements
- Isolation valves must be installed on suction and discharge of the booster system.