



The *TW1000-35W-35 Flag Frame Booster System* is equipped with a centrifugal pump and variable frequency drive that regulates the water flow to maintain constant pressure.

This system can be used as a *Dual Purpose system for boosting house pressure and Fire protection*. The system will supply *35 GPM with a 35 PSI overboost*.

Features and Benefits:

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

Special Circumstances:

Many issues such as water softeners, filters, low producing wells, pipe size, and galvanized pipes can affect the performance of the system. Please consult our design team to help select or custom design a booster system to fit your application.

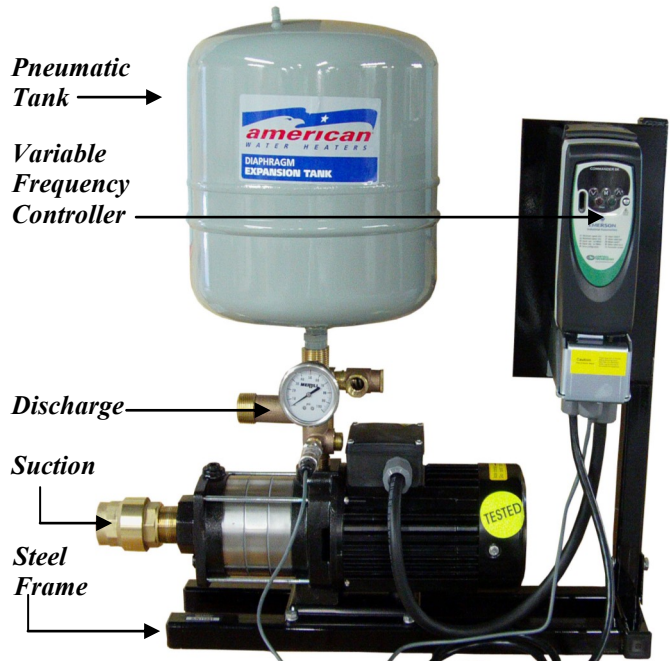
Standard system components:

- 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:

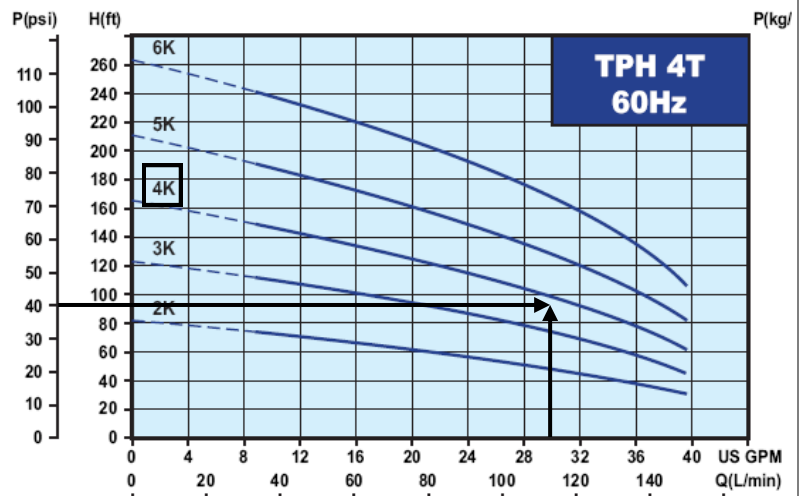
- Pump:** Walrus of America [4T-4K]
- Controller:** Emerson or equal
- Flow Rate:** 35 GPM
- Boost:** 35 PSI Overboost
- Horse Power:** 1 HP
- Suction:** 1 1/4 inch
- Discharge:** 1 inch
- Tank:** 5 Gallon
- Frame Size:** 26" W x 24" H x 8" D
- Decibel rating:** <70 db @ 3500 RPM
- Power Options:** Independent circuit required
208-220 V / 1-3 PH / 15 Amp
115 Volt plug-in

Residential / NFPA 13D



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

Pump performance curve



Warrantees are passed through and as published in the original equipment manufacturer's literature that is included with this system. In no event shall Towle Whitney LLC be liable for incidental or consequential damages or limitation on how long a warranty lasts. It being intended that purchaser's exclusive remedy is limited to replacement of defective products. Water damage exclusion: It is understood that Towle Whitney LLC accepts no responsibility for water damage regardless of what or who caused water damage or any consequential personal injuries, liabilities or property damages resulting.

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