



# TOWLE WHITNEY

## TW2000S-100W-50 DUPLEX BOOSTER PUMP SYSTEM MODULAR FRAME

The *TW2000S-100W-50 Duplex Booster Pump System* is equipped with centrifugal pumps regulated by variable frequency drives that control the pump to maintain constant pressure regardless of varying demand or fluctuating incoming pressure. This system will supply *100 GPM with a 50 PSI overboost*.

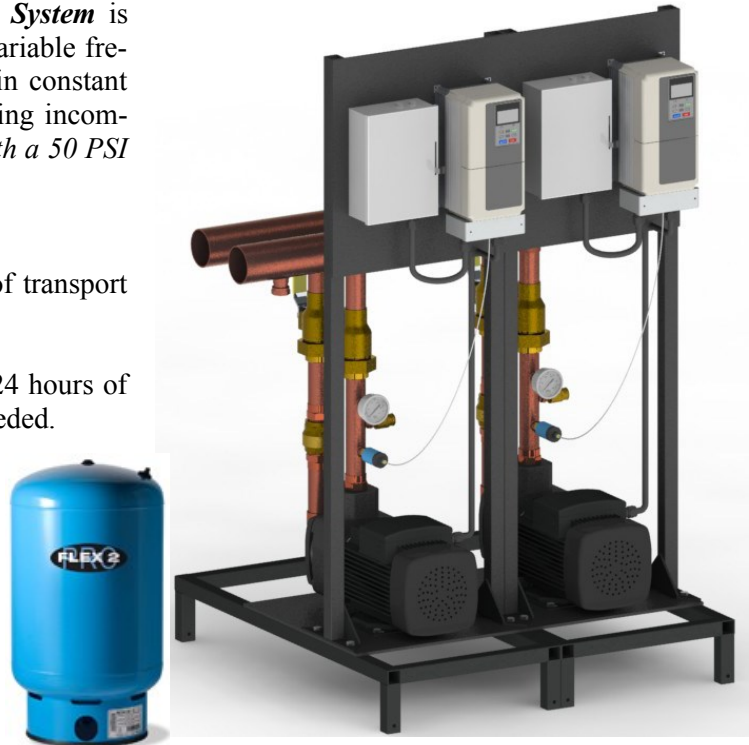
System is built on a MODULAR frame for ease of transport and installation.

VFD drives will ALTERNATE lead pump every 24 hours of run time and 2nd pump remains in standby until needed.

### Lead-Free (Wetted) components:

- Centrifugal Pumps: Cast Iron [SS Option]
- Relief valves: Lead Free Brass or SS
- Pressure Gauges: Stainless Steel
- Transducer: Stainless Steel
- Check valves: Lead Free Brass
- Ball Valves: Lead Free Brass
- Manifolds: Lead Free Type L Copper
- Fittings: Lead Free Copper or SS

\* All lead-free brass shall contain <.25% Pb

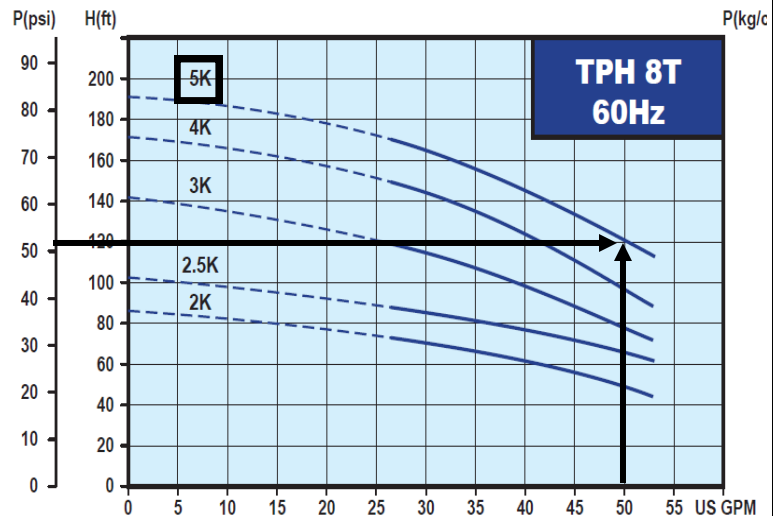


*All parts shown included  
Actual system components may vary  
Some assembly required*

### Technical Specifications:

- Pumps:** Walrus [8T-5K]
- Horse Power:** 2 HP per pump
- Controllers:** Yaskawa or equal
- Flow Rate:** 100 GPM (50 GPM per pump)
- Boost:** 50 Overboost
- Set Pressure:** 65 PSI (specify when ordering)
- Manifolds:** 3 inch Type L Copper
- Tank:** Flexcon H2P20 (20 Gal)
- Frame Size:** 32" W x 54" H x 34" D
- Power:** Two Independent circuits required  
208-220V/1PH or  
208-220V/3PH or  
360-480V/3PH  
Specify when ordering

*Performance curve for each 2Hp pump*



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