

# Towle whitney llc

## TW2000-60W-50 Duplex

The *TW2000-60W-50 Duplex Booster System* is equipped with centrifugal pumps regulated by variable frequency drives that control pump operation to maintain constant pressure regardless of varying demand or fluctuation in incoming pressure. The 3/4HP Jockey pump handles the off-peak demand. The 2HP main pump operates only when the demand peaks. This system will supply 60 GPM with a 50 PSI overboost.

### Features and Benefits:

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

### Technical Specifications:

**Pump:** Walrus (TEFC motor) [2T-5K & 12T-3K]  
**Controller:** Emerson or equal  
**Flow Rate:** 60 GPM Total  
**Boost:** 50 PSI Overboost  
**Horse Power:** 2T-5K = 3/4HP, 12T-3K = 2HP  
**Suction:** 2T-5K = 1", 12T-3K = 1 1/2"  
**Discharge:** 2T-5K = 1", 12T-3K = 1 1/2"  
**Tank:** 2T-5K = 2Gal, 12T-3K = 8.5Gal  
**Decibel rating:** <80 db @ 3500 RPM  
**Power Options:** Independent circuit required  
 208-220V/1-3PH  
 360-480V/3 PH



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

### Standard system components:

- Centrifugal Pumps
- VF drives
- Pressure transducers
- Disconnect boxes
- Pneumatic tanks
- Pressure Gauges
- Relief valves
- Check valves
- Steel frame

### Performance curve for each pump

