

Towle whitney llc

TW2000-100W-40 Duplex

The **TW2000-100W-40 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 1HP Jockey pump handles the off-peak demand. The 2HP main pump operates only when the demand peaks. This system will supply 100 GPM with a 40 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) [4T-4K & 12T-3K]
Controller: Emerson or equal
Flow Rate: 100 GPM Total
Boost: 40 PSI Overboost
Horse Power: 4T-4K = 3/4HP, 12T-3K = 2HP
Suction: 4T-4K = 1", 12T-3K = 1 1/2"
Discharge: 4T-4K = 1", 12T-3K = 1 1/2"
Tank: 4T-4K = 4.5Gal, 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

