

Towle whitney llc

TW1000-150W-35 Chair Frame

The *TW1000-150W-35 Chair 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 150 GPM with a 35 PSI overboost.

Features and Benefits:

- 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 Chair Frame
- Copper Fittings

Technical Specifications:

- Pump:** Walrus (TEFC motor) [25T-3K]
Controller: Emerson or equal
Flow Rate: 150 GPM
Boost: 35 PSI Overboost
Horse Power: 5 HP
Suction: 3 inch
Discharge: 3 inch
Tank: 26 Gallons
Frame Size: 24.0"W x 44.25"H x 18.75"D
Decibel rating: <80 db @ 3500 RPM
Power Options: Independent circuit required
 208-220V/1-3PH
 360-480V/3 PH

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.



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

Pump performance curve

