

Towle whitney llc

TW1000-180W-40 Chair Frame

The *TW1000-180W-40 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 180 GPM with a 40 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
- Pneumatic tank
- Relief valve
- Check valve
- Steel Chair Frame
- VF drive with transducer
- Pressure Gauge
- Tank tee
- Brass Nipple
- Copper Fittings

Technical Specifications:

- Pump:** Walrus (TEFC motor) [25T-4K]
- Controller:** Emerson or equal
- Flow Rate:** 180 GPM
- Boost:** 40 PSI Overboost
- Horse Power:** 7.5 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

