

The **TW1000-100G-30 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 100 GPM with a 30 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

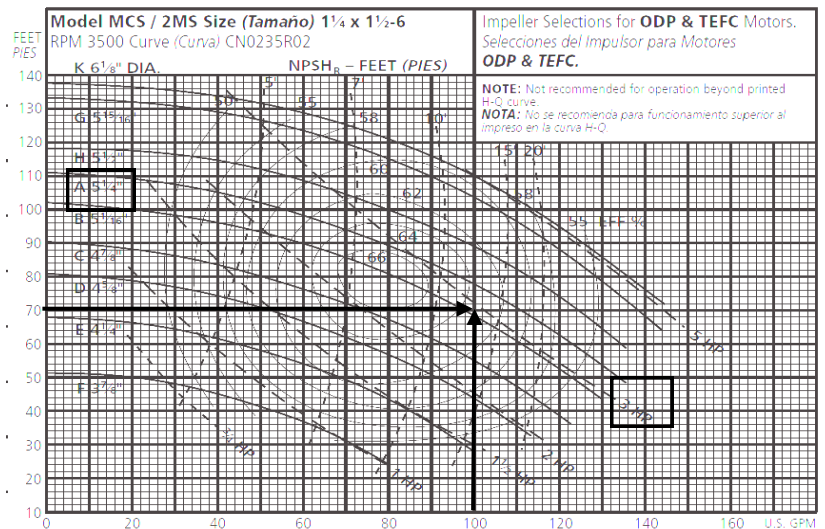


Technical Specifications:

- Pump:** Goulds (ODP motor) [2MS]
- Controller:** Emerson or equal
- Flow Rate:** 100 GPM
- Boost:** 30 PSI Overboost
- Horse Power:** 3 HP
- Suction:** 1 1/2 inch
- Discharge:** 1 1/4 inch
- Tank:** 14 Gallons
- Frame Size:** 18.75" W x 44.25" H x 16.25" D
- 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*

Pump performance curve



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.