

TRIPLEX WATER BOOSTER SYSTEM

2830 Series

APPLICATIONS

Provides constant pressure water supply to:

- Carbonators
- Ice makers
- Non-carbonated drink dispensing valves
- Coffee / tea brewers
- FCB / frozen drink machines
- Moist-heat food holding cabinets

SPECIAL FEATURES

- Highest capacity for its size
- Advanced pump technology for extended life
- Stainless-steel accumulator tank
- Food grade bladder
- Provides consistent pressure
- Supports carbonators, dispensing valves, and other appliances
- Highly efficient operation
- Increased draw-down time



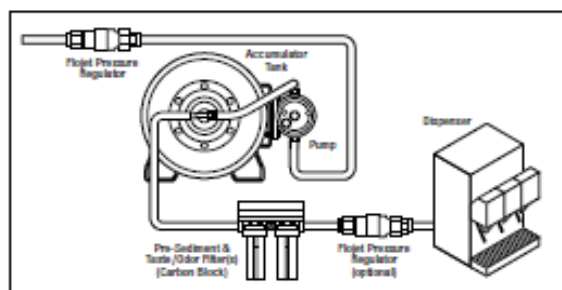
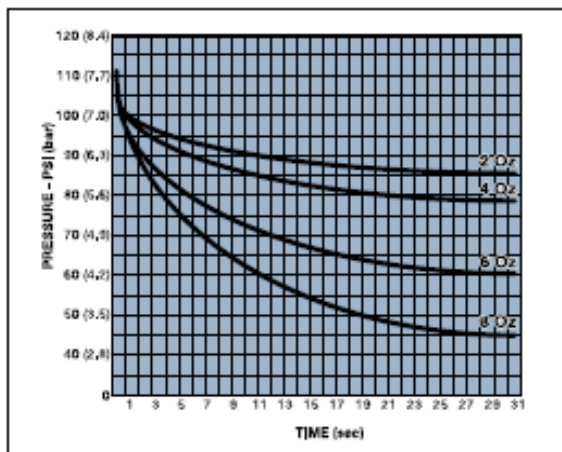
STANDARD MODEL NUMBERS

Part Number	Description
2830-000	115 AC, 100 psi (6.9 bar) max, 1.4 GPM (5.3 LPM)
2830-001	230 AC, 100 psi (6.9 bar) max, 1.4 GPM (5.3 LPM)

SPECIFICATIONS

Pump Design:	Motor operated 3 chamber diaphragm
Motor Design:	Corded AC, Rectified (PMDC) AC
Wetted Parts:	Diaphragm: Santoprene Check Valve: EPDM Pump Housing: Nylon Accumulator Tank Housing: 304 Stainless Steel Accumulator Tank Bladder: Butyl (food grade)
Weight:	17.1 lbs (7.8 Kg)
Performance Specifications – Pump	
Max. Amp Draw:	115V AC: 0.95 amp 230V AC: 0.50 amp Cycle: 50/60 Hz
Liquid Temperature:	Min. 40°F (5°C) Max. 120°F (49°C)
Priming:	Dry: 6 feet (1.8m) Wet: 10 feet (3.1m)
Max. Flow:	1.4 GPM (5.3 LPM)
Max. Discharge Pressure:	150 psi (10.3 bar)
Max. Inlet Pressure:	30 psi (2.1 bar)
Approvals:	UL, NSF, CE
Performance Specifications – Tank	
Total Capacity:	Tank: 4 gallons (15 liters) Bladder, without stretching: 2.0 gallons (7.6 liters)
Draw-down Volume:	Approx. 1.8 gallons @ 50 psi air inlet (6.8 liters @ 3.5 bar)
Max. Operating Pressure:	100 psi (6.9 bar)
Max. Working Temperature:	120°F (49°C)
Port Size:	3/8" (10mm) Pump Inlet Hose Barb 1/2" (13mm) Tank Discharge Port Hose Barb

Note: If inlet exceeds 30 PSI, pump requires 30 PSI water pressure regulator. See page 11.



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