

Model # DBC-HT

Domestic Booster Package

Constant Speed w/ Hydro-Pneumatic Tank



ANNUAL SAVINGS =
 (Y) % X 8736 HR/YR X (Z) HP X 0.746 KW/HP X \$0.10/KWH
 Y = % OF TIME AT NO FLOW OR LEAK LOAD
 Z = LEAD PUMP MOTOR HORSEPOWER

SPECIFICATIONS	
System Arrangement	Duplex, Triplex, Quadraplex
Hydro-Pneumatic Tank	Single or Dual
Available System Flow Rate	60 to 6,000 GPM (4 to 400 LPS)
Standard Power	460/3/60 (400/3/50 upon request)
Working Pressure	125 psig (8.6 barg)
Working Temperature	< 200 deg F (< 90 deg C)

Options:

- Vertical In-line, Split-coupled, Pumps
- Base-mounted, End-suction, Centrifugal Pumps
- Vertical Space Savings Arrangement
- Vertical Turbine Pumps
- Multi-staged Centrifugal Pumps
- Specific Performance Criteria (Upon Request)

Designed and manufactured with exceptional quality, the *EnviroSep DBC-HT*, Constant Speed Domestic Booster Package with Hydro-Pneumatic Tank is an excellent selection for boosting applications which have periods of No System Flow or minimal Facility Leak Loads. The Hydro-Pneumatic Tank permits the Lead Pump to Shut-Off during low demand periods, while maintaining system pressure. Electrical Power is thus conserved, minimizing operating costs for the user when compared to standard Constant Speed Domestic Booster systems. Potential, Annual Costs Savings may be calculated using the above equation. System Lag Pump(s) are automatically staged On/Off based on actual system requirements. *EnviroSep* engineers can provide system designs to meet specific site criteria.

Standard Features:

- Microprocessor Based System Controller
- On-Demand, Auto Pump Staging, based on actual pump energy load
- Auto Low Flow Shut-Off
- Auto System Restart
- Hydro-Pneumatic Tank, for Low Demand and Leak Loads
- Dual Thermal Purge, safety relief on high temperature
- Stainless Steel Headers



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