

Model # DBC

Domestic Booster Package

Constant Speed for Continuous System Loads



SPECIFICATIONS

System Arrangement	Duplex, Triplex, Quadraplex
Jockey Pump	Optional
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:

- System Jockey Pump
- 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)



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
- Pressure Reducing Valves, for control of Downstream Pressure
- Dual Thermal Purge, safety relief on high temperature
- Stainless Steel Headers



Designed and manufactured with exceptional quality, the *EnviroSep DBC*, Constant Speed Domestic Booster Package for Continuous System Loads is an excellent selection for boosting applications which have extended periods of System Load Demands; whereby Facility Leak Loads are not present. The System Lead Pump is automatically disabled during low demand periods. Upon a decrease in system pressure, the Lead Pump is automatically restarted. System Lag Pump(s) are automatically staged On/Off based on actual system requirements. The Lead and Lag Pumps may be sized in any proportion to permit the optimal energy consumption; thereby, minimizing power costs and energy demand. Pilot-operated, Pressure Reducing Valves maintain required downstream pressure based on manually adjustable setpoints. *EnviroSep* engineers can provide system designs to meet specific site criteria.

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P. O. Box 857 Georgetown, SC 29442 • Phone: 843-546-7400 Fax: 843-546-7407

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