

Model #
DBV-HT

Domestic Booster Package

Variable Speed w/ Hydro-Pneumatic Tank



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 DBV-HT*, Variable Speed Domestic Booster Package with Hydro-Pneumatic Tank is specifically utilized for boosting applications which have variable System Suction Pressures and/or variable System Flow Demand. The Variable Speed System allows the system to operate at system requirements, while consuming minimal electrical energy. The Hydro-Pneumatic Tank permits the Lead Pump to Shut-Off during low demand or leak load periods, while maintaining system pressure. Annual Costs Savings are determined on the Load Factor based on pump speed. 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, with Color Touch Screen Interface
- Variable Frequency Drives
- 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



REMOTE HYDRO-PNEUMATIC TANK ARRANGEMENT



www.envirosep.com

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

COPYRIGHT © 2006 by *EnviroSep*

EnviroSep