



WPB-V SERIES WATER PRESSURE BOOSTERS

NECO has been building Water Pressure Boosters for more than 20 years. NECO's flexible design provides integrated single point of power systems incorporating from 1 to 4 or more pumps. Neco's other Boosters include The Constant Speed Series-WPB-C and The Simplex Series-Posi Boost.

The WPB-V series is designed using intelligent variable frequency pump controllers for maximum energy efficiency, and savings. The **benefits of NECO's variable frequency design** are:

- Superior constant pressure control
- Enhanced system reliability
- Reduced total system cost
- Maximized energy savings
- Easy to setup
- Reduced mechanical stress and damage
- Extended pump life



SYSTEM FEATURES AND BENEFITS

- Economically customized packaged solutions to meet space and piping requirements
- Single point of power connection
- Single suction and discharge connections
- Simplex, Duplex, Triplex, & Quadplex models
- Energy savings up to 60%
- Package Mounted Small Hydro-pneumatic expansion tanks
- Structural Steel Base Limits vibration, extends package life
- Redundant pressure transducers for improved reliability
- Redundant pump controllers for improved non-stop operation
- UL labeled Power & controls
- Optional integrated tank level and well pump controls
- Reporting operational status to building management systems
- All components mounted within base frame

MARKETS SERVED

- Water supply and pressure boosting
- Water Treatment
- Commercial / Industrial
- Irrigation & Agriculture
- Municipal

SYSTEM CAPACITIES

- 1-4 pumps per system
- 60gpm to 500gpm each pump
- 20psi to 100psi boost
- 115V, 208V/3, 460-480V/3

Neco's other packaged & customized systems include:

- Water Pressure Booster
- Sewage Lift Stations
- Boiler Feed Systems
- Elevator Sump Pumps with oil sensors
- Packaged Chilled Water and Hot Water Circulating Systems
- Condensate Return Units
- Geothermal Circulating Systems
- Rain Water Harvesting Systems
- Heat Transfer Systems
- Fuel Oil Pump Sets

Visit us on the web ~ www.necosystemsinc.com

Rev 13-04

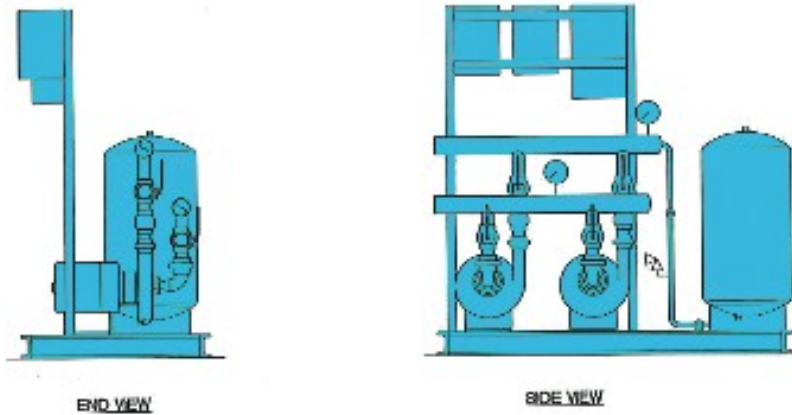
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APPLICATIONS

- Domestic water supply in schools, hotels, condominiums, offices, factories, churches, hospitals
- Rainwater Harvesting applications
- Water supply for irrigation and agricultural water networks
- Variable flow/demand systems requiring constant pressure control
- Industrial Process Applications

DIAGRAM OF SYSTEM



RANGE OF DIMENSION

Simplex	30"x34"x60"	60"x40"x60"
Duplex	48"x34"x60"	84"x40"x60"
Triplex	66"x34"x60"	98"x40"x60"

OPTIONS

- Low suction pressure cutoff
- High temperature thermal purge
- Building Management Interface
- Location of control panel
- High system pressure cutoff
- High temperature alarm
- Spring isolators
- Low system pressure alarm
- Tank level controls
- Location of suction & discharge

Neco Part #: WPB - Flow(gpm) - Boost(psi) – V – options

WPB-V Pricing - To obtain a quote:

1. Complete the NECO System sizing worksheet located on our website.
- or
2. Provide the following information:
 Required flow in gallons per minute (GPM)
 Required pressure boost in PSI
 Voltage 208V or 460V 3 Phase

Contact us today to discuss your design requirements.

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