

# Aquavar<sup>®</sup> e-AB Series

CONSTANT WATER PRESSURE, FOR THE WAY YOU LIVE

# Aquavar<sup>®</sup> e-AB Series

## How is your water pressure?



The Aquavar e-AB Series constant pressure booster systems, comprised of the e-AB2 and e-AB3, are designed to deliver increased water pressure when water demand is high. These systems are ideal for both customers of municipal water districts with low water pressure, and those boosting from a storage tank.

## How does it work?

For many customers of municipal water districts, low or inconsistent water pressure can be a problem when they have any combination of multiple bathrooms, irrigation systems, dishwashers, washing machines, pools and spas. In addition, peak water demand on the line caused by more homes and businesses on the water main can reduce main line pressure available. As water flows to a house, it loses some of its pressure to friction inside the pipe. The higher the flow, the more the friction reduces your water pressure.

As water use increases, the Aquavar e-AB Series booster systems change pump speed to keep line pressure constant. Simply set the desired pressure and the smooth control will take over. Large supply tanks are eliminated and up to 50% of the energy required by a fixed speed pump is saved.

The Aquavar e-AB Series booster systems are available with a range of flow rates to handle residential homes, irrigation systems and office buildings.



***"It's cruise control for your pump."***

### For typical residential applications:

#### e-AB3 SMART PUMP RANGE PACKAGED PUMPING SYSTEM

##### 1/2, 3/4, 1 & 2 hp model configurations

- **Ultra-premium efficiency means:**
  - › Features the Xylem Smart Motor, an ultra-premium IE5 permanent magnet motor and provides:
    - Efficiency well above a standard IE3 NEMA premium efficient asynchronous induction motor
    - Average of 15% in energy savings when compared to similar pumps in the market
- **Easy to install:**
  - › Includes a complete kit for installation: pump, Smart Motor, gauge, tank and tee
  - › Programmed to motor electrical characteristics; just select "set pressure"
- **Quiet operation:**
  - › High efficiency hydraulics, motor and thick metal pump body keep the noise level to a minimum
- **Certifications:**
  - › Package



e-AB3



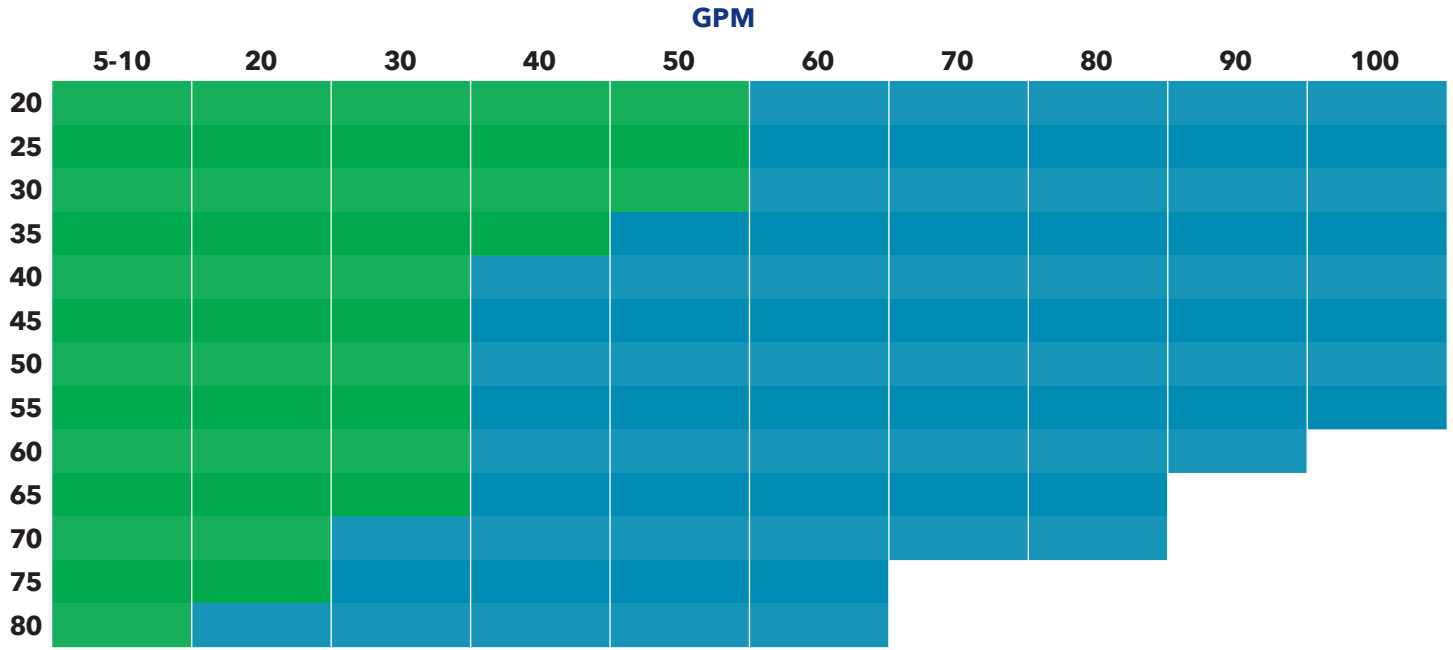
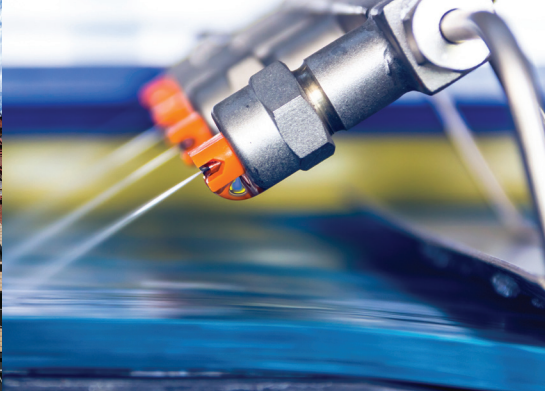
### For larger residential and commercial applications:

#### e-AB2

##### 3 & 5 hp model configurations

- **Delivers a boost up to 80 GPM at 70 psi.**
- **Intelligent Pumping with an Aquavar IPC Variable Speed Controller:**
  - › Easier start-up and programming with the Start-Up Genie
  - › Hand On, Off and Auto-On buttons available for easy pump operation at the keypad
  - › No toggling between local and remote operation
  - › System redundancy with multi-master control in case of drive failure
  - › System protection from overvoltage, undervoltage, blocked suction, cavitation, NPSHa, phase loss, short circuit, transducer failure and motor current overload
  - › Pump run out and dry running protection
- **Expanded capabilities:**
  - › NEMA 1 and NEMA 3R enclosures expand installation options
  - › Duplex operation for lead/lag and alternation
- **Certifications:**
  - › Package





**PSI**

**GREEN** e-AB3 Hydraulic offering  
**BLUE** e-AB2 Hydraulic offering



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