

# e-AB3 Smart Pump

## Quick Start Guide



### Installation Steps:

#### 1. Install the Pump

- Plumb suction and discharge of pump into piping.
- Install a spring check valve on the suction side.
- Also install a spring check valve on the discharge between the pump and the pressure sensor.
- Locate the pump as near liquid source as possible.

#### 2. Install the Pressure Transducer

- Install the pressure transducer in the tank tee provided with the unit.
- Locate the transducer within 120" of the controller.

#### 3. Install Pressure Tank, Pressure Relief Valve and Discharge Piping

- Set the tank pressure, while tank is empty of water, to 20 psi below the desired system pressure setting.
- Use the supplied tank tee to connect the discharge pipe to the pressure tank and house plumbing.
- Install pressure relief valve.
- Connect a drain line to the pressure relief valve and run to a suitable drain or area where water will not damage property.

#### 4. Connect Input Power

- **NOTE:** If transducer (step 2) is not installed the system will trigger an E12 error upon powerup which prevents any changes to the menu.
- **WARNING:** Once powered the system will automatically run & attempt to satisfy the 50 PSI preset value. To prevent ramp up press the power button directly after connecting power to put into standby mode and reference step 5 for pressure setpoint adjustment.
- Connect the 1Ø power from a 20 amp 2-pole circuit breaker.
- Do not use GFCI protection with AB2 as nuisance tripping will result.

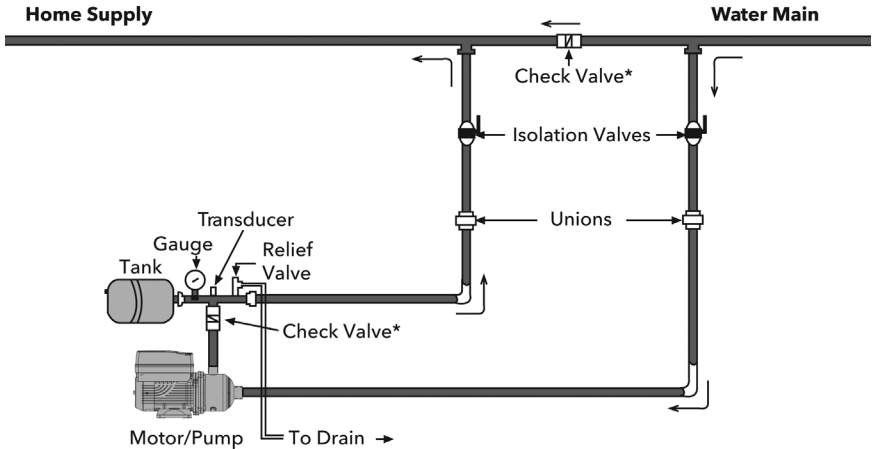


#### 5. Set the Pressure - Factory pre-set is 50 PSI

- Push and hold the increase or decrease pressure adjust pushbutton until the desired pressure setting is reached.
- The maximum allowable pressure setting is 85 psi.
- If in standby mode, press the power button to activate automatic system operation.

# e-AB3 Smart Pump Typical Installation

This diagram shows a set-up for municipal water connection. This allows pump maintenance without main line shut-off.



## Aquavar e-AB3 Required Components:

1. Pump with smart motor
2. Pressure Tank
3. Pressure Sensor
4. Mounting Kit
5. Tank Tee with Pipe Plug
6. Pressure Gauge

## Xylem Product Cybersecurity

Xylem values your system security and the availability of your critical services. For more information on Xylem cybersecurity practices or to contact the cybersecurity team please visit [xylem.com/security](https://www.xylem.com/security)



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