

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

- Connect the 1Ø power from a 20 amp 2-pole circuit breaker.
- Do not use GFCI protection with AB2 as nuisance tripping will result.

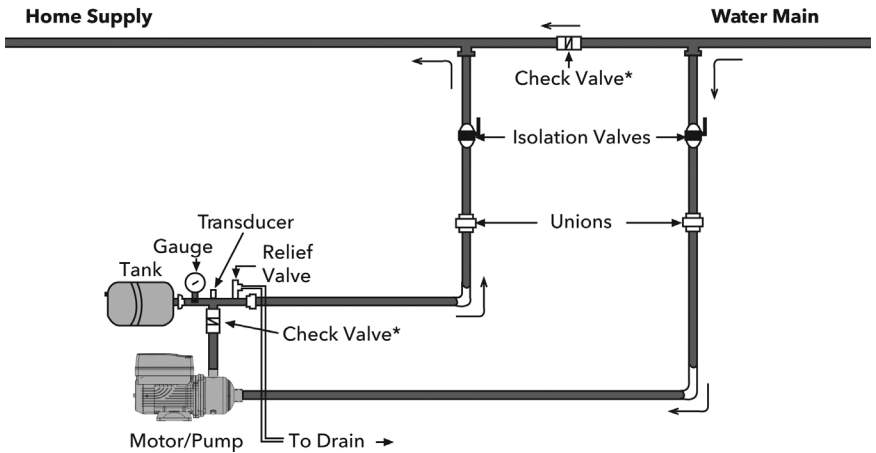


5. Set the Pressure - Factory pre-set is 50 PSI

- 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.

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