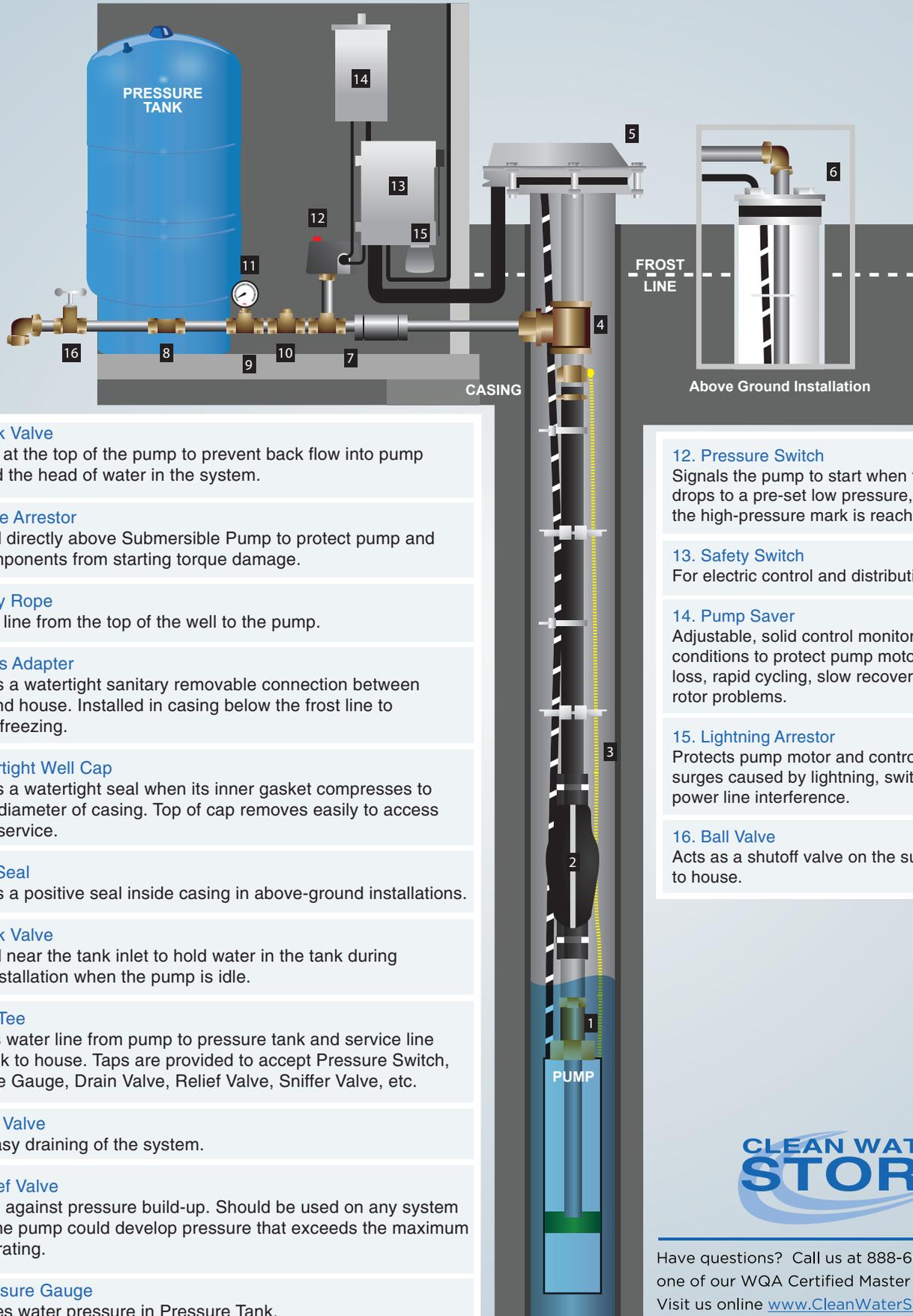


Well Pump & Pressure Tank Diagram



1. Check Valve

Located at the top of the pump to prevent back flow into pump and hold the head of water in the system.

2. Torque Arrestor

Installed directly above Submersible Pump to protect pump and well components from starting torque damage.

3. Safety Rope

A safety line from the top of the well to the pump.

4. Pitless Adapter

Provides a watertight sanitary removable connection between pump and house. Installed in casing below the frost line to prevent freezing.

5. Watertight Well Cap

Provides a watertight seal when its inner gasket compresses to outside diameter of casing. Top of cap removes easily to access well for service.

6. Well Seal

Provides a positive seal inside casing in above-ground installations.

7. Check Valve

Installed near the tank inlet to hold water in the tank during pump installation when the pump is idle.

8. Tank Tee

Connects water line from pump to pressure tank and service line from tank to house. Taps are provided to accept Pressure Switch, Pressure Gauge, Drain Valve, Relief Valve, Sniffer Valve, etc.

9. Drain Valve

Drain easy draining of the system.

10. Relief Valve

Protects against pressure build-up. Should be used on any system where the pump could develop pressure that exceeds the maximum system rating.

11. Pressure Gauge

Measures water pressure in Pressure Tank.

12. Pressure Switch

Signals the pump to start when the water system drops to a pre-set low pressure, and to stop when the high-pressure mark is reached.

13. Safety Switch

For electric control and distribution to the pump.

14. Pump Saver

Adjustable, solid control monitors system load conditions to protect pump motor from dry well flow loss, rapid cycling, slow recovery, air lock and locked rotor problems.

15. Lightning Arrestor

Protects pump motor and controls from voltage surges caused by lightning, switching loads and power line interference.

16. Ball Valve

Acts as a shutoff valve on the supply line from tank to house.

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