



Grower's Solution

Your Online Greenhouse & Nursery Supplier

1-931-528-3390



CSV1 Instructions

Produced by Grower's Solution

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More information and tutorials are available at:

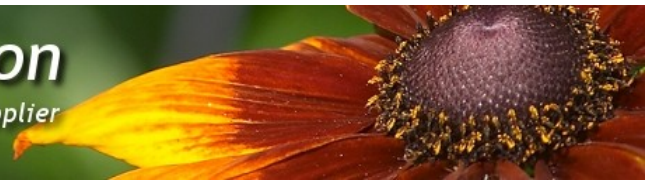
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CSV1/1.25 Installation Instructions

NOTE: Submersible motor manufacturers recommend using a flow inducer sleeve to be sure the motor is sufficiently cooled at low flows.

Please read all instructions before beginning installation.

1) Be sure that the well has been pumped clean before any valve installations. It is also important that all lines including the pump be flushed clean of debris. Pipe dope or trash pumped into the valve will make it weep. Turn off power to pump and drain system.

2) The valve should be installed downstream of the pump on the pump side of the pressure tank/pressure switch with any and all water outlets downstream of the valve. Flow direction is indicated by an arrow on the side of the valve. (Note: There cannot be any water outlets between the pump and the valve..ie pressure relief valves, frost free hydrants, etc. If any outlet lines are located between the well and the pressure tank, the valve must be installed at the well head or in the well using the CSC coupling.)

3) **Model CSV1 or CSV1.25** should be **hand tightened** using Teflon tape on threaded ends. Four to seven wraps of Teflon tape is usually sufficient. **Do not use pipe dope as it can run into the valve works.** All connections should be water tight. If using galvanized unions, be careful not to overtighten as that will cause the valve to separate at the center and leak.

4) The pressure tank should be installed on a tee at a 90° angle to the main discharge line downstream of the of the CSV1. Pressure switch and other controls must be installed as close to the tank as possible. Pre-charge pressure in the tank should be 5-10 PSI lower than pressure switch start point.

5) For use with small pressure tanks (5 GPM drawdown or less), set pressure switch start pressure the same as the Cycle Stop valve pressure (For example, CSV140 should use a pressure switch set at 40/60). When using larger tanks (6 GPM drawdown or more), set the pressure switch to its highest setting by turning the tall screw clockwise as far as possible, close off downstream use, wait a minimum of 2 minutes as the tank fills, turn tall screw on your pressure switch counterclockwise until the pump is turned off.

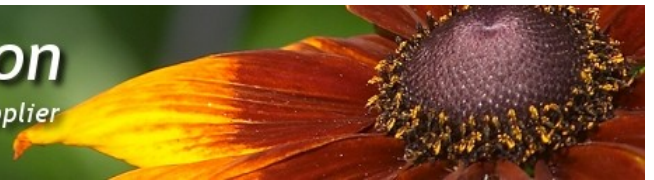
California Proposition 65 Warning: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. (Installer: California law requires that this warning be given to consumer.)



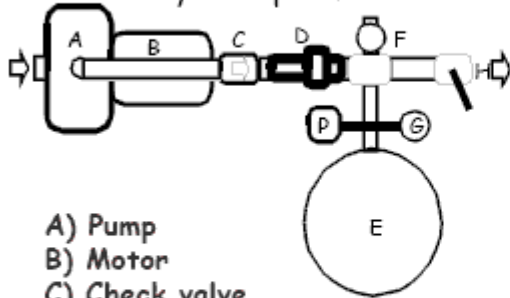
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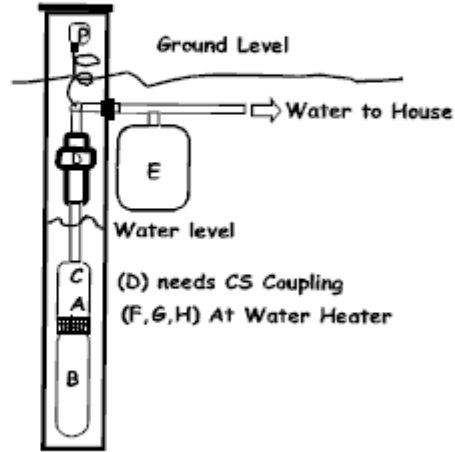


(1) Jet Pump with Cycle Stop Valve



- A) Pump
- B) Motor
- C) Check valve
- D) Cycle Stop Valve
- E) Pressure tank
- F) Pressure relief valve
- G) Pressure gauge

(1) Submersible with Cycle Stop Valve Installed inside the casing



- (D) needs CS Coupling
- (F, G, H) At Water Heater