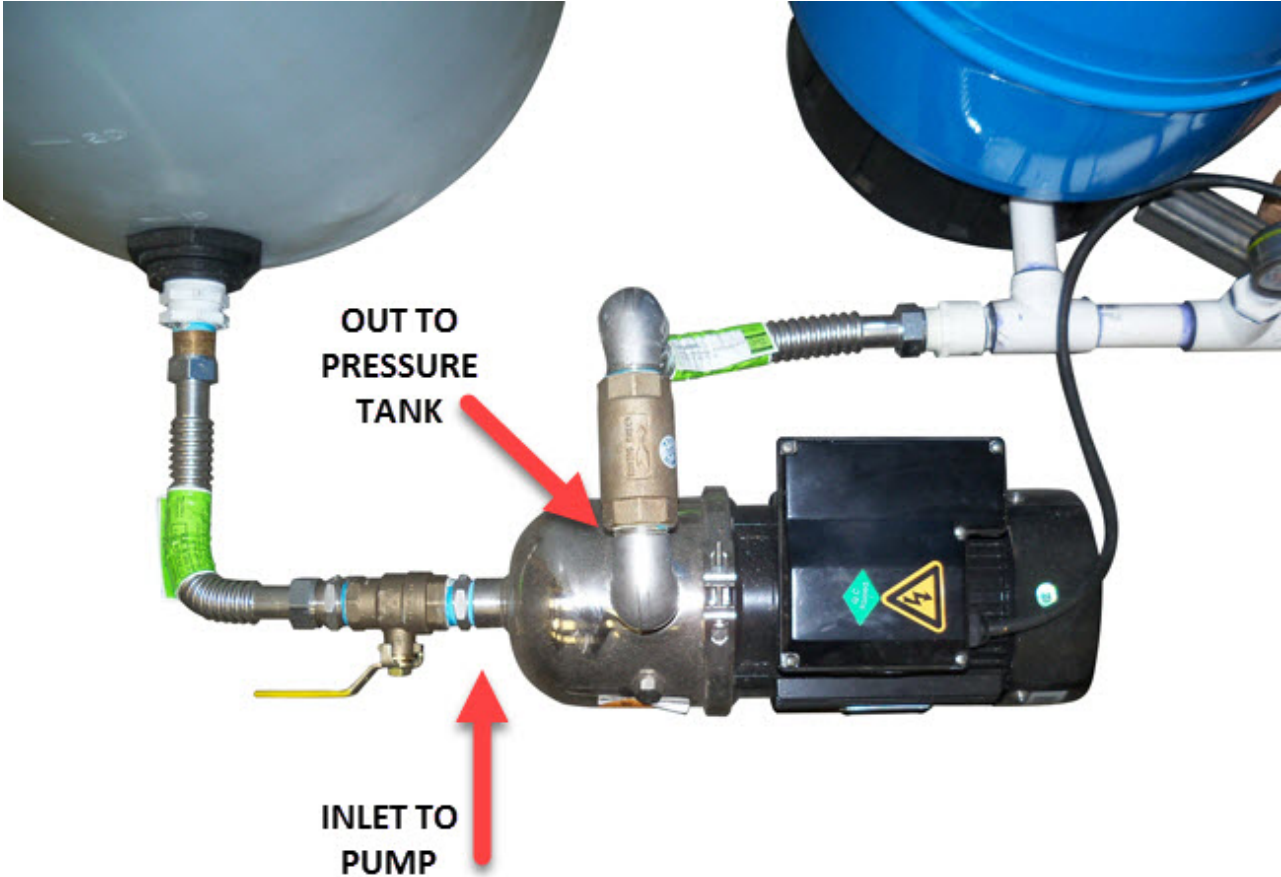


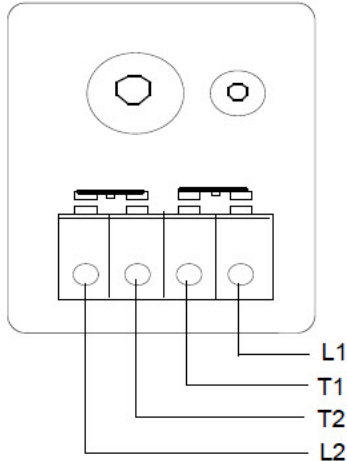
Storage Tank Pump Installation

Booster Pump Installation:



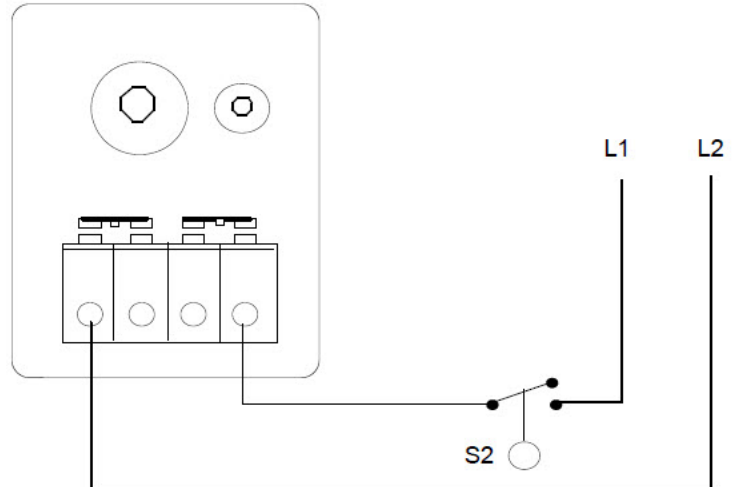
Pressure Switch Wiring with Float Switch

1. Pressure Switch With Four Wires.
Direct control of pump motor with pressure switch 220v pH1



Typical pressure switch wiring: Load side (T1, T2) to pump motor; Line side L1, L2, to power in. This type of wiring directly controls pump motor.

2. Pressure Switch With Four Wires Direct control of pump motor with pressure switch 220v, ph1, with protection by lower float switch in storage tank



Typical pressure switch wiring with "normally points closed when floating" type float switch:

Load side (T1, T2) to pump motor; Line side L1, L2, to power in. Float switch S2 when floating in water, has normally closed contacts. If storage tank level drops to pre-set level, float switch contacts will open and interrupt power to booster pump motor.

NOTE: Live 110v voltage will be present at storage tank float. As alternative, a relay can be used so the lower float switch controls the relay with dry contacts. The lower float switch is typically rated to handle 2 HP motors, so 2 HP or less can be switched directly through the float switch, which avoids the use of a relay.



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JOB:
DATE:
CHECK:
DRAWING ID: 003931

Consult an electrician for more information.
Follow all local electrical codes.

Booster Pump Wiring

CNP pumps are shipped with one of these two types.

Either way, you are attaching your ground wire to the ground screw, and one 110-120v line wire to one terminal and one 110-120v line wire to the other terminal for 220v single phase power.

