

Control Box



Warning: The Control Box carries a lot of electrical current. Only experienced technicians should work on them.



Pump Control Boxes

The control box on the left you'll find typically wired in for pumps that are 1-1/2 HP or larger. The one on the right you'll find typically wired in for pumps 1 HP or smaller. Control boxes will vary in color.

Some submersible pumps require an additional electrical bump to start turning. That is what a control box does. It delivers an initial charge of additional electrical current to the starting phase of the submersible pump. Once the pump is up to full RPM's, which takes about 1/25th of a second, the starting phase is over and the control box then falls back offline until it's required to restart the pump later on.