Did You Know?
A capacitor start motor has an average of 1.5 times more torque during the start process.

- Using voltmeter, check wire voltage at the pump (tip on pg. 227). Is the voltage within 10% of breaker voltage? T & L at V
  - Yes
    - Wiring between pump and the breaker box may be damaged. Call an electrician to troubleshoot wiring.
    - No
      - Check breaker box to assure breaker is on. Does the pump run now? T
        - Yes
          - Pump works.
          - Is the pump controlled by a float? T
            - Yes
              - Refer to "SmartBox" or "StartBox" troubleshooting guide. (pg. 234, 237)
            - No
              - Verify float control configuration. Does it work now? T
                - Yes
                  - Pump works.
                  - Call electrician to check wiring.
                - No
                  - Verify switch wiring and functionality. Is the pump working now? T
                    - Yes
                      - Pump works.
                      - Call electrician to troubleshoot wiring.
                    - No
                      - Call electrician to troubleshoot wiring.

Did You Know?
- Motor may be damaged. Contact local EASA rated motor shop for assistance.
  - Yes
    - Pump works.
    - No
      - Rewire motor according to nameplate diagram. Does the pump work now? T
        - Yes
          - Wiring may be damaged. Call an electrician for assistance.
          - No
            - Motor may be damaged. Contact local EASA rated motor shop for assistance.

Diagram:
- Start/Stop (Signal) Voltage
- Pump Start Relay
- Breaker Box 110V or 220V
- Low Voltage Signal Wires
- To Valve Box Manifold
- Y-Strainer
- Pump
- Ground Wire