



Installation Instructions 12577-000-1ES Retrofit Duplex Board

- Turn off power and verify by checking voltage from N to L on existing board.
- Mark incoming wiring to old board and remove from the board.
- Remove screws holding bracket for HOA switches, run lights, and control power switch and unplug 10-pin connector. Set bracket aside.
- Unplug remaining wiring connectors and make note of orientation of six-pin connectors on the left side. Wiring for Pump 2 is at top.
- Remove old board and retain heat sensor jumpers (if applicable).
- Install new board, attach incoming wiring, install heat sensor jumpers (if applicable), and plug in six-pin and ETMD connectors (if applicable).
- Plug in alternator. Check that lead pump selector switch is in the “alternate” position.
- Install bracket for HOA switches, run lights, and control power switch in position that is low enough to completely clear the alternator.
- Plug in the 10-pin connector for the HOA switches, run lights, and control power switch.
- Ensure that a maximum 2-amp fuse is installed in the power supplied to the board.
- Turn power back on and check for proper operation and alternation by manipulating floats or jumping out the floats at the terminal block.

Caution: If the ETMD connection is not used the terminals will be “hot” when the pumps are running.

Note: This retrofit board does not support the TDLP or PF functions.

Please call if you have questions.