Emergency Heat without
Digital Energy Manager or Relay Board
(Temporary Operation Only – 5 minute wiring change)

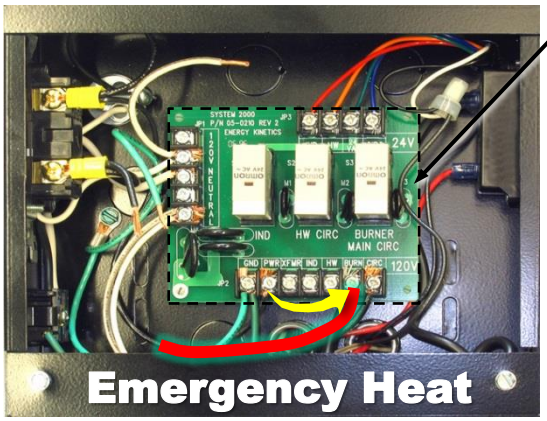
CAUTION: For experienced service professionals only. The system will run like a conventional boiler and use up to 25% more fuel. Turn off power at breaker panel and follow good service practices before proceeding.

The Digital Energy Manager and Relay Board provide simple diagnostics and highly reliable, virtually maintenance-free operation. In the event either or both are damaged, they can be serviced and bypassed easily without any specialty parts. Every Digital Energy Manager is covered with a full 5 year part warranty plus a low cost replacement lifetime protection plan that is not limited to the original purchaser.

Method A (Heat and Hot Water):
If the relay board is functioning properly, install a service board or follow the wiring instructions in the Owner and Installation Manual to run without a manager.

Method B (Heat Only) – Temporarily relocate (3) wires shown by yellow arrows:

1) Move the black 120VAC wire from PWR to BURN (shown in red below).
   This will apply power continuously to the main circulator which will circulate water throughout all of the open heating zone valves. The stairway switch may be used to stop the circulator (and inducer if sidewall vented) if desired.



2) Select **one** thermostat that will control when the boiler runs to add heat to the house. Move that representative thermostat (T1, T2, T3, or T4) from the left side of the manager to B1. Move the other wire from that thermostat from A1 to B2.
   B1 and B2 connect internally to TT on the burner.
3) Turn down the high limit aquastat to 165°F/180°F and test and confirm proper and safe function. *When returning to service, reset high limit to 205°F/215°F.
4) Manually open all desired zone valves and close return valve a bit.
   There will not be any condensing protection without the manager; closing the return a bit will help limit condensing of flue gases.

NOTE for sidewall vent systems: Add a 120VAC jumper from BURN to IND. This will run the inducer continuously, so caution should be used in systems without antifreeze.