

# MiniPAC® Troubleshooting Guide

## New Customer Fault Light On

**Models MP-100, MP,175, MP- 350, MP-600, MP-900, MP-1200, MP-1800 and MP-2700**

ALMOST ALL NEW CUSTOMER FAULTS ARE THE REACT AIRFLOW SWITCH BECAUSE IT IS ADJUSTED AT THE FACTORY FOR NO DUCTWORK ATTACHED TO THE UNIT, SEE STEP 3 FOR MORE DETAIL.

1. The MP units have a straightforward fault sequence, if it is single phase unit like a 100 and 175, rotation and motor starters are not an issue so go to step 2, on the larger ones you must verify proper fan rotation and that the OL overloads are set correctly for the process and react fan, this is step one, verify rotation and motor starter/overloads are set and functioning. Check that airflow is good from react and process outlets when dampers are open.
2. Check and set all thermostats, rotor timer, and react airflow switch to correct settings (SEE BELOW), see manual for settings.
3. Start unit with dampers closed, fault light should be on, open reactivation damper all the way, fault light should go out as airflow switch closes. If it does not adjust airflow switch back to 0 and react heat will engage, fault will clear. Adjust the switch back till it faults again, this is the trip point, reverse adjustment back towards zero, heater will engage, that is the engagement point, adjust between the trip point and the engagement point. Make sure the airlines are properly installed before this test.
4. The other faults are the process high temp, react high temp and react HiHi temp. These should not be tripped when the unit is started cold, make sure they are adjusted correctly per the manual and the HiHi is properly reset.
5. Last is the rotation timer alarm, it should be set at 5 min, to reset deenergize power to the unit. To test activate the limit switch in the rotor compartment to see timer receive switch signal, you will need a second person to perform this test.
6. Finally, if still not sure of the fault, a simple voltage check following the electrical print will show where voltage stops to the heater circuit, that is the safety that is open and needs to close to run the heaters.

Please note that the person performing the testing must be knowledgeable with electrical circuits and diagrams.

If you have followed these steps and the issue persist please contact us for further assistance.



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