

How to:  
Diagnose top temperature issue  
Hot Rocks Classic Gen 2

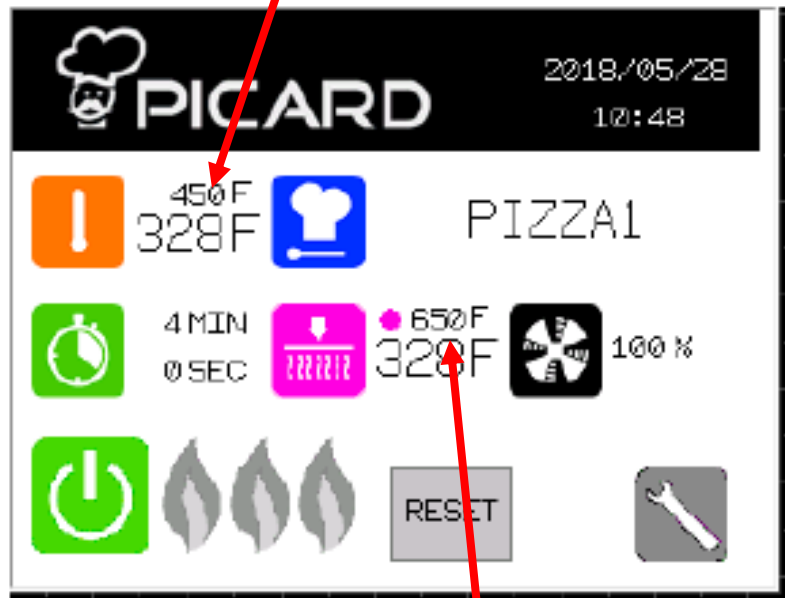
# Step 1

Be sure that your top temperature set point is at least 80 degree above bottom (stone) temperature and maximum 150 degree above bottom (stone) temperature.

The oven is not designed to work accurately outside of those parameters.

If the set point are correct, move to next step.

Bottom temperature set point



Top temperature set point

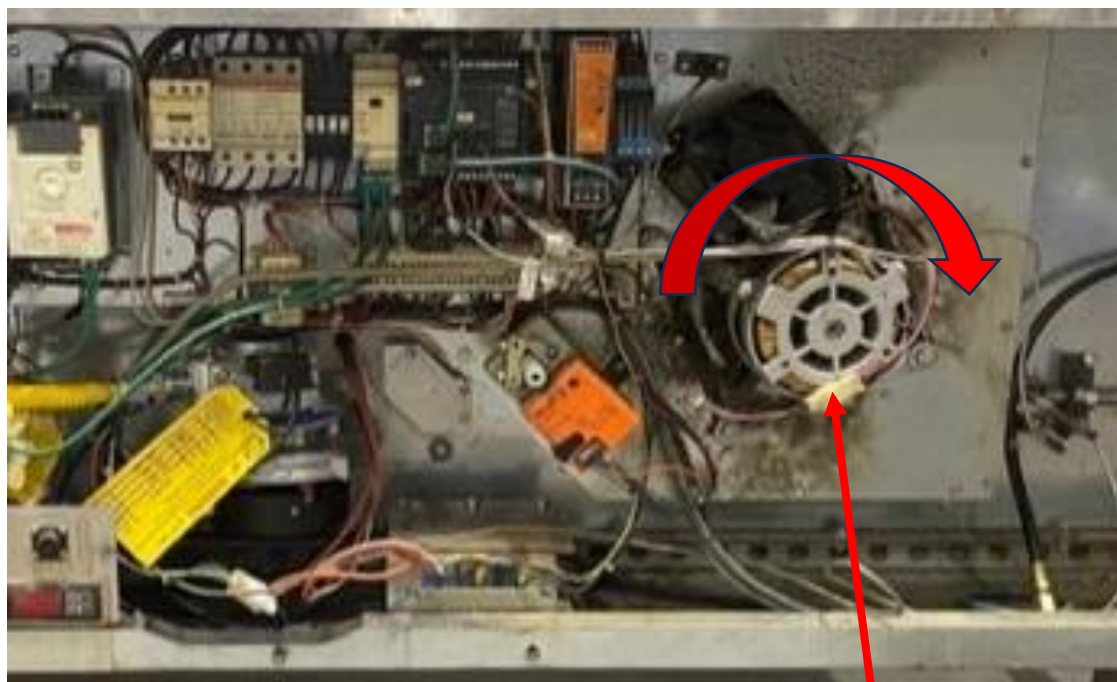
## Step 2

Verify if the convection motor turn clockwise.

If it does turn clockwise, go to next step.

If it doesn't rotate in the clockwise direction, swap to power wire on the variable frequency drive.

If it doesn't rotate at all, go to step 5



Convection motor

## Step 3a

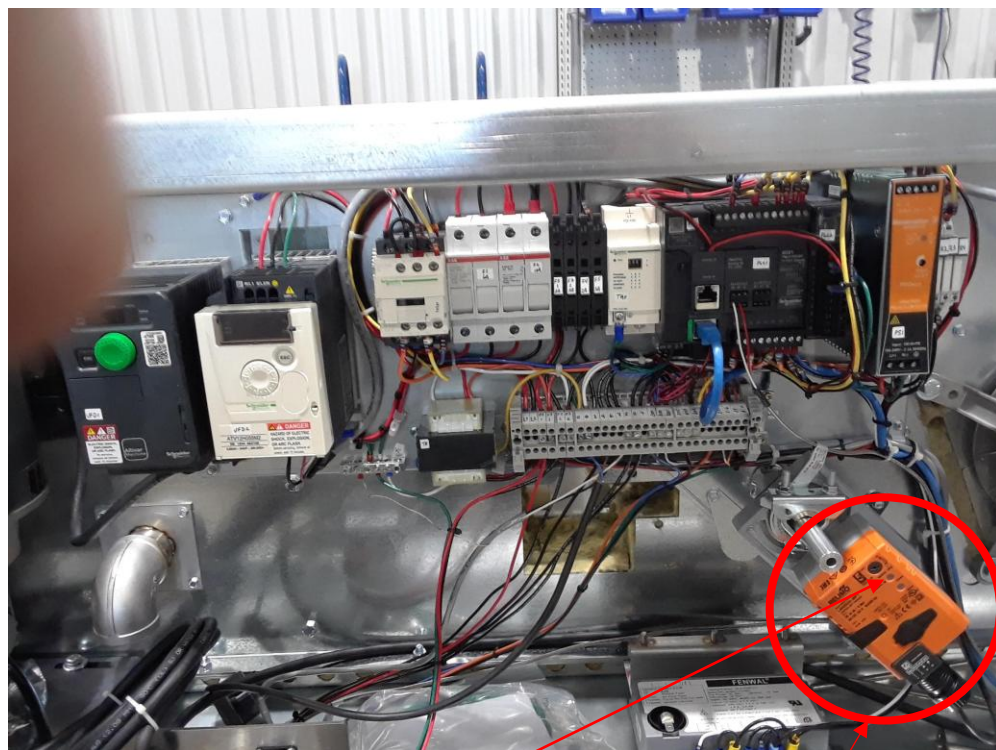
Verify if the convection damper motor get power.

1- Locate the damper motor

2- Valid if the power LED in lit up.

If not, move to step 3b

If the power LED in on, move to step 4a.



Power LED

Damper motor

## Step 3b



The damper motor power LED is not lit up

Verify if the damper motor receive 24VDC from wire 202 from the power supply.

If it is getting 24VDC, the damper motor is defective and will have to be replaced.

If it is not getting 24VDC, something else in the 24VDC circuit may be defective.

## Step 4a

If the power LED is ON on the damper motor, start the oven and valid if the shaft rotate counterclockwise.

If not, control voltage must be verified (see step 4b)

If the shaft does rotate, clean up the gas burner and valid the convection motor rotate in the clockwise direction.



Power LED



## Step 5

If the convection motor doesn't rotate at all, verify the following.

- Is the oven running on software version 2.308 or 2.309? If not, do a software update.
- Verify VFD2
  - Is there any error message on it?
  - Is there any voltage going to the motor? Voltage should be 208V.

