

ELECTRIC FURNACES; VENTILATION STARTS TO OPERATE NON-STOP

Lately we have noted an important (unusual) number of electronic board replacements on electric furnaces, apparently due to ventilation problems.

When on a service call, the technician will notice the following defect: the heating element triggers the high temperature protection, and the interior ventilation then starts to operate non-stop. This situation may lead to a false diagnostic because it is very similar to an electronic board problem.

The problem occurs most often when replacing oil furnaces because the ducts are larger than those required for connecting an electric furnace: therefore some turbulence at the air output prevents the air from cooling near the high temperature control.

The problem may be resolved and turbulence avoided by simply installing a deflector in the ventilator.

