

ES SERVICE BULLETIN**Affected Equipment: YPAL MOD "D"
Packaged Rooftop Units w/Heat****Subject: Overheating Conditioned Space****Issue Date: 12/01/06****Withdrawal Date: 06/30/07****Data Control Level: C****Materials Needed: N/A****Tools Required: Standard Hand Tools****Est. Time Required: 1 Hour plus Travel Time****Warranty: Yes****Revision Notes: N/A****Issue:**

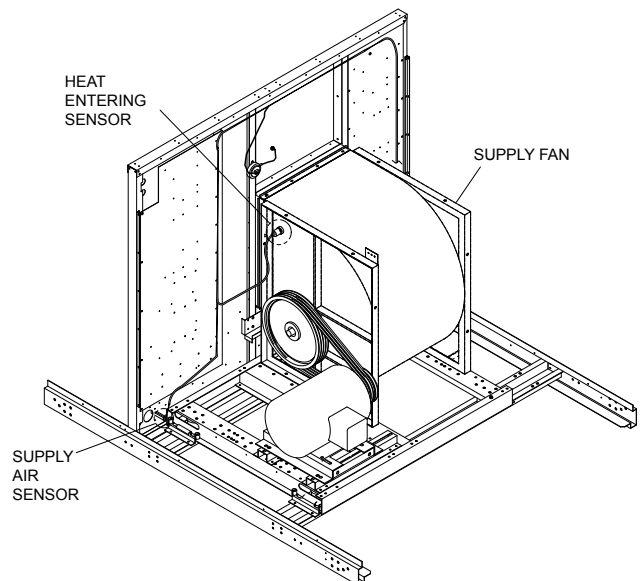
This corrective action is required on all YPAL MOD "D" with a heating option. The problem will show up as an overheating of the conditioned space on units equipped with a heating option. In addition, when the unit is in heating mode the "HEAT ENTERING TEMP" will be higher than the "SUPPLY AIR TEMP". The overheating occurs because the supply air temperature is less than the "HEATING SUPPLY AIR SETP".

Cause:

Sensor wiring was incorrectly installed at the factory. The wires that are supposed to be wired to the supply air sensor were connected to the heat entering sensor, and the wires that should be connected to the heat entering sensor were connected to the supply air sensor.

Solution:

Location of these two sensors is shown at right. The heat entering sensor is located in the side scroll of the blower housing. The supply air sensor is installed in the end of the aspirator tube that runs under the heat exchanger. The supply air sensor can be found in the blower compartment in the area where the refrigerant piping goes through the wall between the blower and the supply air compartments.



Work on this equipment should only be done by properly trained personnel who are qualified to work on this type of equipment. Failure to comply with this requirement could expose the worker, the equipment and the building and its inhabitants to the risk of injury or property damage.

The instructions on this service bulletin are written assuming the individual who will perform this work is a fully trained HVAC & R journeyman or equivalent, certified in refrigerant handling and recovery techniques, and knowledgeable with regard to electrical lock out/tag out procedures. The individual performing this work should be aware of and comply with all national, state and local safety and environmental regulations while carrying out this work. Before attempting to work on any equipment, the individual should be thoroughly familiar with the equipment by reading and understanding the associated service literature applicable to the equipment. If you do not have this literature, you may obtain it by contacting a York Service Office.

Should there be any question concerning any aspect of the tasks outlined in this bulletin, please consult a York Service Office prior to attempting the work. Please be aware that this information may be time sensitive and that York reserves the right to revise this information at any time. Be certain you are working with the latest information. The York Service office nearest you may be found on the Internet at www.york.com.

The sensors are connected to the unit wiring with ¼ inch male connectors.

- Remove wires 308 and 309 from the heat entering sensor.
- Remove wires 310 and 311 from the supply air sensor.
- Connect wires 308 and 309 to the supply air sensor and wires 310 and 311 to the heat entering sensor.

Production:

Units shipped after November 2006, (RNRM) serial number prefix and later will have the wires connected correctly.

Warranty:

This update is required on all Mod D with a heating option. Claims for repairs must be submitted using the standard procedure. The “Problem Description” section of the warranty claim must contain a reference to Service Bulletin SB0079.