



Unitary Products Group  
 5005 York Drive  
 Norman, OK 73069  
 1/877-874-7378

## TECHNICAL SERVICE

**YS-004-08**

**Date:** February 8, 2008

**To:** All York Distributors  
 All York Branches  
 All Field Service Supervisors

**Subject:** Incorrect Run Capacitors

**Units:** SJ036-060, JP030-060 Affected serial number range: A0A6822672 – A0L7513507

An upgrade was performed on the models listed above in order to achieve the mandated 13-SEER minimum efficiency. The basic cabinet construction remained the same, however, most internal components including the compressor, the indoor motor, and outdoor motor had to be changed to attain the 13-SEER standard. We have received a few reports concerning the operation of the OD fan motor. Under extreme heat conditions, the motor would overheat and stop running. When it cooled down it would start running again. It was discovered that the run capacitor used had the wrong microfarad rating.

Investigation revealed that during the submission of the Bill of Materials, some of the run capacitors on certain models were listed incorrectly. A complete audit was made and the BOM's were corrected. Engineering performed motor-temperature tests on all models to determine the affect of a unit having an incorrect run capacitor. It was noted that only in extreme conditions would units experience operational issues resulting in the condenser motor tripping on internal thermostat. Under test conditions, no permanent damage to the motor was found. Listed below are the correct capacitors for the models affected.

If you encounter one of these units with the outdoor fan motor overheating and the run capacitor is incorrect and the serial number falls within those listed above, this letter will provide 1-hr labor plus capacitor. You should not have to replace the motor, only the capacitor. Please Reference this Service Letter number when submitting related warranty claims.

<b>Model:</b>	<b>Correct Capacitor:</b>	<b>Model:</b>	<b>Correct Capacitor:</b>
SJ036C00A1AAA1	02425893000 - 40/5/370	JP030C00A1AAA1	02424778000 - 30/5/370
SJ036C00A2AAA1	02420043000 - 5/370	JP036C00A1AAA1	02425893000 - 40/5/370
SJ048C00A1AAA1	02425338000 - 50/5/370	JP036C00A2AAA1	02420043000 - 5/370
SJ048C00A2AAA1	02420043000 - 5/370	JP048C00A2AAA1	02420043000 - 5/370
SJ060C00A1AAA1	02427616000 - 70/5/370	JP060C00A1AAA1	02427616000 - 70/5/370
SJ060C00A2AAA1	02420043000 - 5/370	JP060C00A2AAA1	02420043000 - 5/370
SJ060C00A4AAA1	02420043000 - 5/370	JP060C00A4AAA1	02420043000 - 5/370

We apologize for any inconvenience this may have caused.

Sincerely,

**Ken Blakley**  
 Ken Blakley  
 Field Service Supervisor

**Len Renfro**  
 Len Renfro  
 Field Service Supervisor

**Pat Gavula**  
 Pat Gavula  
 Commercial Engineering