



It's time to get comfortable.

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DATE: September 30, 2013

YS-016-13D

TO: All York Dealers/Contractors
All York Branch Service Managers
All York Distribution Service Managers
All Regional Managers

SUBJECT: Affinity ResPack Gas Heat Pilot Brackets

We have received a few reports of pilot outage issues on the ResPack with gas heat models this past heating season. While our investigation into the issue found items such as incorrect pilot gas pressure or oversized pilot orifices; we also found that the pilot flame could be exposed to airflow currents around the burner assembly that could cause the flame to flutter and extinguish. To address problems of this nature, we developed a new pilot bracket which includes a shield that prevents the airflow from affecting the pilot flame. These isolated incidents are being reported on both Norman and Wichita produced models.

In order to address this issue, we first suggest you confirm the pilot flame gas pressure. On the ResPack units with gas heat, the pilot pressure should be the same as your incoming line pressure. For natural gas applications, line pressure should be 5 to 7 inches water column. For LP applications, the line pressure should be 9 to 13 inches water column. There is a pilot pressure adjustment screw located on the side of the valve.

We have field tested the new bracket at multiple field locations and confirmed that if the pilot pressure and orifice size are correct, it will resolve the airflow current problem. The bracket is a direct replacement to the existing bracket, so no extra mounting holes are required for its installation.

The new brackets are available from Source 1 under part number S1-37327970000.



The brackets were added to Wichita production units the first week of April 2013 (W1D3).

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