

TECHNICAL INFORMATION COMMUNICATION



Quality and Continuous Improvement

Number: TIC2020-0007

Date: 5/13/2020

Title: Ultra Low NOx Non-condensing Furnace Control Revision

Product Category: Residential Gas Furnaces

Products Affected:

Models:

Carrier	Bryant	Payne
58SU0A040E17-12	830SA36040E17A	PG80ESUA36040B
58SU0A060E17-16	830SA48060E17A	PG80ESUA48060B
58SU0A080E21-20	830SA60080E21A	PG80ESUA60080C
58SU0A100E21-20	830SA60100E21A	PG80ESUA60100C

Situation:

The above models, designed to meet NOx emission standards in applicable California air quality management districts, are being updated with a revised furnace control and applicable components to support the furnace control change.

Technical Information:

The above models will receive a minor series change. Specific items to note as a result of this change:

1. The furnace control will be revised from the current control part #HK42EB001 to furnace control part #HK42FZ076
2. Model plugs will be changed to coincide with the furnace control change
3. Wiring diagram will be revised to reflect the new furnace control connections.
4. The fault code label will be revised to reflect the more "standard" fault codes associated with the new furnace control
5. The current 5VDC, 0-2"W.C. transducer part# HK05ZZ003 will be replaced with a 12VDC, 0-4"W.C. transducer part#HK05ZZ006

Additional information can be found in the revised Installation manuals and Product Data sheets, now posted at HVAC Partners

Only trained and qualified personnel should design, install, repair and service HVAC systems and equipment. All national standards and safety codes must be followed when designing, installing, repairing and servicing HVAC systems and equipment. It is the responsibility of the Dealer to ensure local codes, standards, and ordinances are met.