

TECHNICAL INFORMATION COMMUNICATION



Quality and Continuous Improvement

Number: TIC2022-0011

Date: 6/13/2022

Title: Removal of Cellular/Foam Core Piping Approval

Product Category: Residential Furnaces

Products Affected:

All Condensing Gas Furnaces

Situation:

Carrier Corporation furnaces are designed, constructed, and certified to meet the ANSI Z21.47/CSA 2.3 Design Standard for Gas-Fired central furnaces. A revised version of the design standard is scheduled to be released, with an effective date of December 1, 2022. In the revised design standard, the use of ABS Cellular/Foam Core and PVC Cellular/Foam Core products for use in vent systems has been disallowed. Our listing agency, CSA group, has requested that we apply these changes before July 1, 2022, thereby removing ABS Cellular/Foam Core and PVC Cellular/Foam Core products from the approved vent system materials listed in our installation manuals.

Solution:

To comply with the request of CSA, Carrier Corporation has removed ABS Cellular/Foam Core and PVC Cellular/Foam Core products from the approved vent system materials list in all current versions of our condensing gas furnace installation manuals.

Any condensing furnace installation performed before December 1, 2022, may continue to utilize ABS Cellular/Foam Core or PVC Cellular/Foam Core products in construction of the venting system, where the authority having jurisdiction allows its use, with those installations being considered compliant to the manufacturers installation instructions. ABS Cellular/Foam Core or PVC Cellular/Foam Core will NOT be an approved material for construction of condensing gas furnace vent systems on any installation performed on, or after December 1, 2022, and its use should be discontinued by that time.

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.