



TECHNICAL SERVICE BULLETIN

TSB C-GN-FN-0024 REV1

Date: March 10, 2023
To: All Service and Parts Managers
From: Technical Services Department
Subject: **Elimination of ABS Cellular/Foam Core and PVC Cellular/Foam Core Piping for Flue Vent System on 90% Furnaces – All Brands**

Daikin Comfort Technologies designs and manufactures furnaces certified to meet the American National Standard (ANSI Z21.47) and National Standard of Canada (CSA-2.3) for Gas-fired central furnaces. The 2021 edition of this standard was released with an effective date of December 1, 2022. In the revised standard, the use of ABS Cellular/Foam Core and PVC Cellular/Foam Core products for flue venting systems has been eliminated.

To comply with the revised standard, Daikin Comfort Technologies has removed ABS and PVC Cellular/Foam Core products from the Venting Material Requirements table in all current versions of our condensing gas furnace installation manuals.

After December 1, 2022, ABS and PVC Cellular/Foam Core products will NOT be an approved material for construction of furnace vent systems for any of our condensing gas furnaces.

Please note that these materials may still be used for combustion air ducting to the furnace.

The information below has been added as a revision to the original Technical Service Bulletin TSB C-GN-FN-0024 distributed on February 1, 2023.

In some areas of the U.S., the local inspection department may require the use of UL 1738 approved flue venting systems. In Canada, the local inspection department may require the use of ULC S636 approved flue venting systems. Consult your local municipalities or inspection departments to verify their local requirements for new construction and retrofit furnace replacements.

Note: This Service Bulletin is not retroactive and does not affect existing installations.

On the next page is a list of the approved Venting Material Requirements effective as of the date of this technical service bulletin. ABS and PVC Schedule 40 (Solid) Pipe continues to be an approved material for furnace vent systems for any of our condensing gas furnaces. Always refer to the latest I&O manual for the most current information.

If you have technical questions, please call 1-855-DAIKIN1, option 3, or e-mail TechnicalServicesDaikin@daikincomfort.com.

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VENTING MATERIAL REQUIREMENTS	
<u>PVC</u>	<u>ASTM STANDARD</u>
SCHEDULE 40 PIPE	D1785
SDR 21 or 26 PIPE	D2241
SYSTEM 1738® (IPEX)	D1784, UL 1738
SCHEDULE 40 FITTINGS	D2466
SYSTEM 1738® FITTINGS	D1784, UL 1738
<u>ABS</u>	
SCHEDULE 40 PIPE	D1527
SCHEDULE 40 FITTINGS	D2468
<u>CPVC</u>	
SCHEDULE 40 PIPE	F441
SDR 21 or 26 PIPE	F442
FITTINGS	F438
<u>POLYPROPYLENE</u>	
INNOFLUE® (CENTROTHERM)	UL 1738
<u>PRIMER & SOLVENT CEMENT</u>	
PVC PRIMER	F656
CPVC PRIMER	F656
PVC SOLVENT CEMENT	D2564
CPVC SOLVENT CEMENT	F493
ABS SOLVENT CEMENT	D2235
ABS / PVC / CPVC ALL PURPOSE CEMENT (FOR PIPE & FITTINGS OF THE SAME MATERIAL)	D2564, D2235, F493
TRANSITION CEMENT FOR ABS to PVC or CPVC	D3188
<u>INSTALLATIONS IN CANADA</u>	
PVC & CPVC PIPE & FITTINGS	ULC S636
PVC & CPVC SOLVENT CEMENT	
TRANSITION CEMENT	
INNOFLUE® (CENTROTHERM)	
POLYPRO® (DURAVENT)	
SYSTEM 636® (IPEX)	

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