DAIKIN

TECHNICAL SERVICE BULLETIN

TSB-OT-0019 REV2

Date: April 12, 2022

To: Internal, Sales, Distribution, and Sales Representatives

From: Jimmy Trusty - Product Specialist

Subject: **Revision - 5-Ton Rooftops DFG/DFC Missing Valve Cores in Pressure Switches**

This is an update to Technical Service Bulletin TSB-OT-0019 REV1 sent on April 05, 2022. This revision provides an update to labor allowance amount.

It has come to our attention that the new 1- and 3-phase, 5-ton gas/electric and air conditioner rooftop units (RTU), models DFG and DFC, are missing the valve cores in the low-pressure and high-pressure switch assemblies (see Image 1 below).

Note that these new DFG/DFC 5-ton RTUs were announced with PMN D-GN-LC-2178 on November 1, 2021, began shipping December 13, 2021, and replaced the previous DBG/DBC 5-ton RTUs.

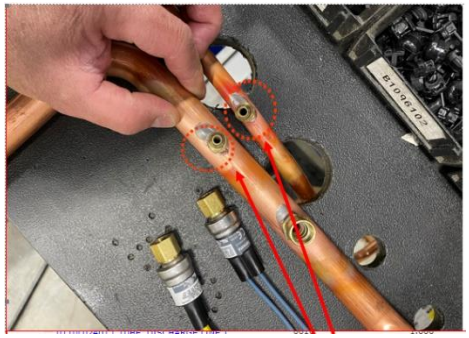

Image 1
Valve Core Omitted

All 5-ton (DFG/C060*) RTUs, with serial numbers up to 2202235971, should not be sold or installed until the rework is completed. It is strongly recommended that all distributors promptly contact and inform any customers that have purchased and/or installed any of these units of the required rework by way of this bulletin.

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Field Modification Requirements

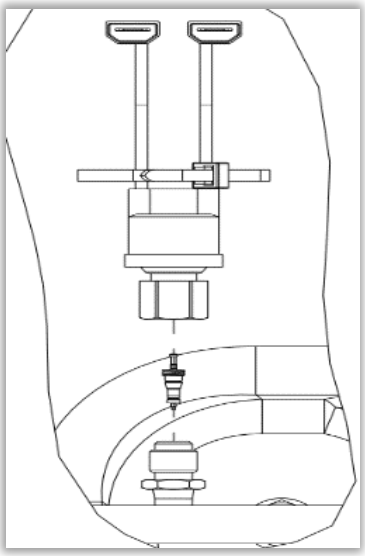
A valve core or tee must be installed per the instructions below using kit CPSKT01. Failure to follow these instructions could result in injury and complete loss of charge.

1. Proper PPE must be worn during the rework process. Gloves and safety glasses are required. If more information is needed, please refer the Safety Data Sheet for the refrigerant.
2. Recover the refrigerant from the unit to an approved recovery cylinder. Recover the refrigerant to a pressure no greater than 0 PSIG, as required by the Environmental Protection Agency (EPA) (40 CFR§82.156). Recovery must be completed by a Section 608 Certified Technician with Type II or Universal certification.
3. Once the refrigerant has been recovered, remove the low-pressure and high-pressure switches.
4. Determine if the valve core fits into the existing fitting as shown in Image 2 below.
   a. Option 1: If the valve core does fit into the fitting, proceed with the "Valve Core Process" as shown below.
   b. Option 2: If the valve core does not fit into the existing fitting, proceed with the "Tee Process" as described below.

Valve Core Process

1. Install the valve core (refrigerant rated) Daikin part number B1787000 supplied in kit CPSKT01 in each fitting, torquing to 4 +/- 1-inch lbs. See Image 2 below.

Image 2
Valve Core Installation



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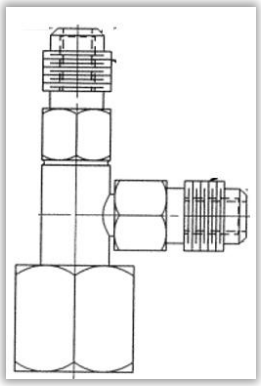
Valve Core Process (continued)

2. Reinstall the low-pressure switch on the suction line and high-pressure switches on the discharge line and torquing to 96 +/- 5-inch lbs. Use a back-up wrench to hold the fitting to prevent twisting and leaks at the braze joint.
3. Evacuate unit to 500 micron and hold.
4. Recharge the unit by weighing in the refrigerant as noted on the serial plate.
5. Leak check the connection of the pressure switch to the brass fitting.
6. Add a black dot sticker to the shipping/tracking label on each unit after rework is completed – this will be used to identify reworked units.

Tee Process

1. If the valve core does not properly fit into the existing fitting, install the tee adaptor supplied in kit CPSKT01 and follow the steps below. See Image 3 below.

Image 3
Tee Adaptor



2. Add thread sealer, provided in kit CPSKT01, to the threads of the fitting.
3. Install the tee torquing to 96 +/- 5-inch lbs. Use a back-up wrench to hold the fitting to prevent twisting and leaks at the braze joint.
4. Install the low-pressure switch on the suction line and high-pressure on the discharge line torquing each switch to 96 +/- 5-inch lbs. Use a back-up wrench to hold the fitting to prevent twisting and leaks at the braze joint.
5. Install the valve cap, supplied in kit CPSKT01, on the unused side of the tee.
6. Place the warning label around the suction and discharge lines next to the tee.
7. Evacuate the unit to 500 micron and hold.

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Tee Process (continued)

8. Recharge the unit by weighing the refrigerant, as noted on the serial plate.
9. Leak check the connection of the pressure switch and tee to the brass fitting.
10. Add a black dot sticker to the shipping/tracking label on each unit after rework is completed. This will be used to identify reworked units.

Warranty Claim Instructions

Daikin will pay class "D" labor allowance, plus $**150.00** for refrigerant and recovery, for rework of each **installed** unit.

Daikin will pay class" C" labor allowance, plus $**150.00** for refrigerant and recovery, for rework of each **uninstalled** unit.

Claims must be filed on Warranty Express as an Authorization type claim, using the Authorization Code numbers below:

1. 8728 for labor, refrigerant, and recovery for units that are installed
2. 8729 for labor, refrigerant, and recovery for uninstalled units
    a. A Distributor Rework Report must be completed on each unit reworked at the Distributor. The form is attached. Once the rework report is completed, please return it to the e-mail address warrantyclaims@goodmanmfg.com for reimbursement.

The claim for the part and labor should be filed as one claim using the servicer's account number. The model and serial number for each unit must be provided. Please consult the Warranty Department if you need assistance with this process. All claims for this project must be submitted by December 31, 2022.

If you have any technical questions, please call 1-855-DAIKIN1, option 4, or e-mail TechService@daikincomfort.com.