



TECHNICAL SERVICE BULLETIN

C-GN-OT-0063

Date: February 11, 2025

To: All Service and Parts Managers

From: Technical Services Department

Subject: **Wiring Changes Required for Refrigerant Detection System with Zoning Integration Kit**

This is an important Technical Service Bulletin to be carried out by trained and certified service technicians. The intent of this bulletin is to inform our customers of wiring changes required when connecting the factory-installed Refrigerant Detection System (RDS) board to the field installed Zoning Integration Kit (0230K00007) board.

The wiring instructions provided with the Zoning Integration Kit are incorrect when installing it with any of the models listed in the table below.

Models Using RDS					
Residential Package					
GPGM3**31	GPGM5**31	APGM3**31	APGM5**31	DP3GM**31	DP5GM**31
GPUM3**31	GPCM3**31	APUM3**31	APHM3**31	DP3UM**31	DP5UM**31
GPCH3**31	GPHM3**31	APCH3**31	APHM5**31	DP3CH**31	DP3CM**33
GPHH3**31	GPHM5**31	APHH3**31		DP3HH**31	DP3HM**31
GPHH5**31		APHH5**31		DP5HH**31	DP5HM**31
Air Handlers			Light Commercial		
AMST***U1300AA	AWST**SU1300AB	ACSTMU13**AA	DS* 3- 25 Ton	DH* 3- 25 ton	DAQ Air Handler

(Continued on next page)

DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.

19001 Kermier Road • Waller, TX 77484 • (713) 861-2500 • www.northamerica-daikin.com

Daikin products are subject to continuous improvements. Daikin reserves the right to modify information in the bulletin without notice and without incurring any obligations.

Amana® is a registered trademark of Maytag Corporation or its related companies and is used under license. All rights reserved.

TECHNICAL SERVICE BULLETIN

The instructions provided with the Zoning Integration Kit state to connect the “Alarm” terminal from the RDS board to the “Alarm” terminal of the Zoning Integration Kit board as shown in Figure 1. With this incorrect wiring, the “Alarm” terminal of the RDS board will energize anytime a “G” (Fan) signal is present from the thermostat. This will cause the Zoning Integration Kit board to open all dampers and turn off all accessories during normal HVAC operation.

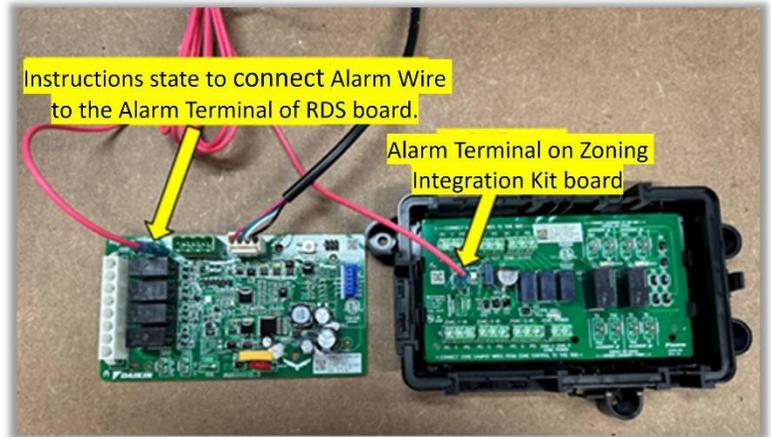


Figure 1

When installing the Zoning Integration Kit with the models in the table above, follow the steps below for correct wiring between the RDS board and the Zoning Integration Kit board, plus the addition of a necessary jumper wire on the RDS board.

1. Turn off all power going to the unit.
2. Remove control panel cover to access the control box.
3. Remove the wire from the “Alarm” terminal on the RDS board that comes from the “Alarm” terminal on the Zoning Integration Kit board.
4. Connect this wire on the “VT Out” terminal on the RDS board as shown in Figure 2.

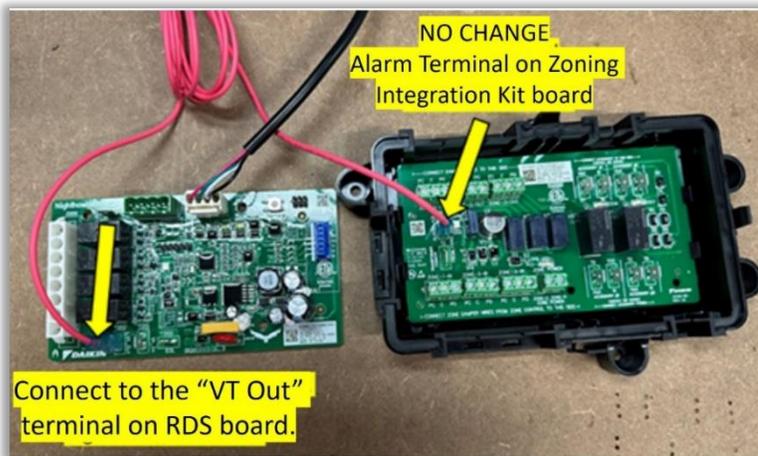


Figure 2

(Continued on next page)

DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.

19001 Kermier Road • Waller, TX 77484 • (713) 861-2500 • www.northamerica-daikin.com

Daikin products are subject to continuous improvements. Daikin reserves the right to modify information in the bulletin without notice and without incurring any obligations.

Amana® is a registered trademark of Maytag Corporation or its related companies and is used under license. All rights reserved.

TECHNICAL SERVICE BULLETIN

5. Add a jumper wire between the “Alarm” terminal and the “VT In” terminal on the RDS board as shown in Figure 3.

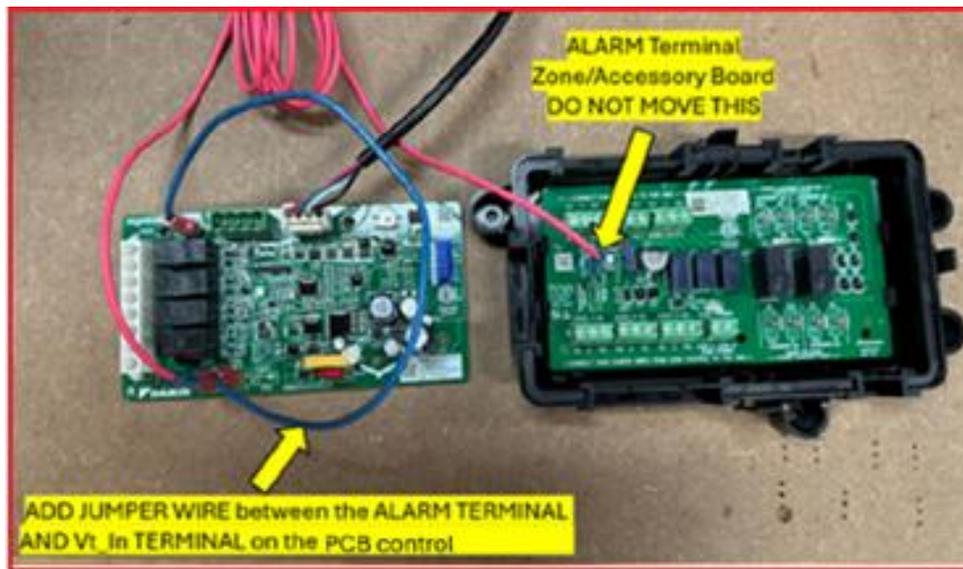


Figure 3

6. Check any loose connections.
7. Reinstall control panel cover.
8. Turn the power on at the disconnect.
9. Check for proper operation.

