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## Replacement of Controls

Old Control	New Control
CNT01923	CNT02514
CNT01924	CNT02515
CNT01925	CNT02936
CNT01926	CNT02516
CNT02920	CNT02935
CNT02921	CNT02943

Controls listed above as Old are no longer available. New controls above are replacements. In order to mount the new control, one additional hole must be drilled and control mounted as shown in figure 1.

**Warning!**  
**Hazardous Voltage!**  
**Disconnect all electric power including remote disconnects before servicing.**  
**Failure to disconnect power can cause serious personal injury or death.**

**Important!** All service personnel should leave these instructions with the unit, along with all original documentation for the unit.

### Control Operation

For a brief description of how these controls operate, refer to the *Installer's Guide* and the *Defrost Checkout Sheet* shipped with the unit being serviced. For a more detailed description of operation, refer to the booklet, *Heat Pump Defrost Controls*, publication number 34-4101.

### Options for Testing New Control, if Required

**Note:** Controls CNT02515 and CNT02936 have the forced fault pin (FRC\_FLT), all other controls, CNT02514, CNT02516, CNT02935 and CNT02943, do not.

1. TEST\_COMMON (Shorting any of the other pins to this pin causes the function of the other pin to be executed. Leaving this pin open results in the normal mode of operation.)
2. TST = Test (Shorting TEST\_COMMON to this pin speeds up all defrost board timings.)
3. FRC\_DFT = Forced Defrost (Short TEST\_COMMON to this pin for two (2) seconds to initiate a forced defrost. Remove the short after defrost initiates.)

The CNT02515 and CNT02936 also incorporate the following fault relay output test feature:

4. FRC\_FLT = Forced Fault (Short TEST\_COMMON to this pin for two (2) seconds to cause the control to enter the forced fault mode. Remove the short after entering this mode. Energizing Emergency Heat at the thermostat will place 24 VAC on the F wire and will clear the toggling fault relay output.)

Since the company has a policy of continuous product and product data improvement, it reserves the right to change design and specifications without notice. Only qualified technicians should perform the installation and servicing of equipment referred to in this publication.

# Installation

Figure 1 — New Hole Location for Replacement Boards

Please use the following as a location layout of the one new hole to be drilled. **DO NOT USE THE REPLACEMENT DEFROST CONTROL AS A DRILL TEMPLATE!**

Drill out additional  
hole  $\varnothing .125"$

