

10091206 Installation Instructions

20293901 RHD/RHE Defrost Control Kit

Description

This kit will replace the obsolete 108650-01 to -05 adaptive defrost controls with a C6431001 defrost control.

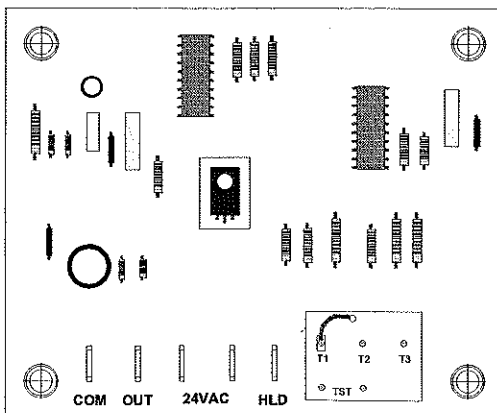
This kit is required when replacing a failed defrost control on RHD/RHE**A2A model heat pumps.

WARNING

To avoid death, personal injury or property damage due to electrical shock, disconnect the electrical power supply before servicing this unit.

Contents of the RHD/RHE defrost control conversion kit:

| | |
|----------|--------------------------------|
| C6431001 | Defrost Control |
| 20294401 | Adhesive backed wiring diagram |
| 10091206 | Installation Instructions |



C6431001 Defrost Control



RECOGNIZE THIS SYMBOL AS A SAFETY PRECAUTION

ATTENTION SERVICE PERSONNEL

As a professional servicer you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with these instructions. Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.



WARNING

Disconnect all power before servicing unit.

Installations Procedures

1. Set thermostat to off.
2. Disconnect electrical power.
3. Remove jumper "RD-24" from "24V" terminal on defrost control to terminal "7" on defrost relay. Discard jumper.
4. Remove BK-19, BK-1, YL-1 (2 wires), BK-24 (3 wires) and BU-2 wires from the existing control.
5. Remove failed 108650** control, mount the C6431001 defrost control (in this kit) in its place.
6. Connect the BK-19 wire and the BK-1 wire to the terminal marked "COM".
7. Connect the two YL-1 wires to the terminal marked "HLD".
8. Connect the three BK-24 wires to the terminal marked "24 VAC".
9. Connect the BU-2 wire to the terminal marked "OUT".
10. Set defrost interval to 30 minutes for RHD/RHE30 models and to 90 minutes for all other models.
11. Peel the adhesive backing from the updated wiring diagram and apply over the old wiring diagram on the inside of the control panel cover.
12. Restore power to unit. Set thermostat to demand for cooling.
13. Verify system is functioning correctly.