

Figure 5. Typical Parallel Wiring Diagram of Dehumidistat with 1E56/1F56(W) Heat/Cool Low Voltage Thermostat

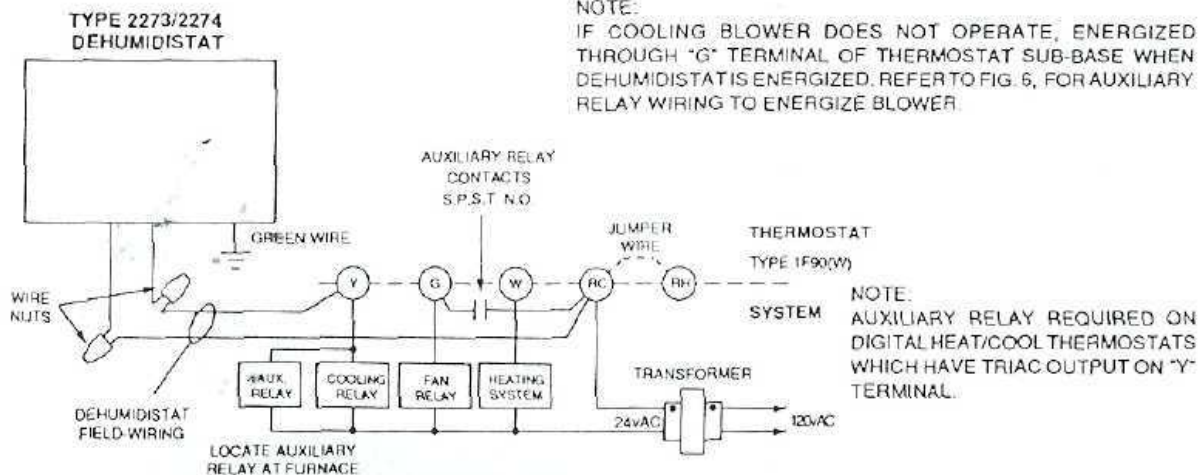
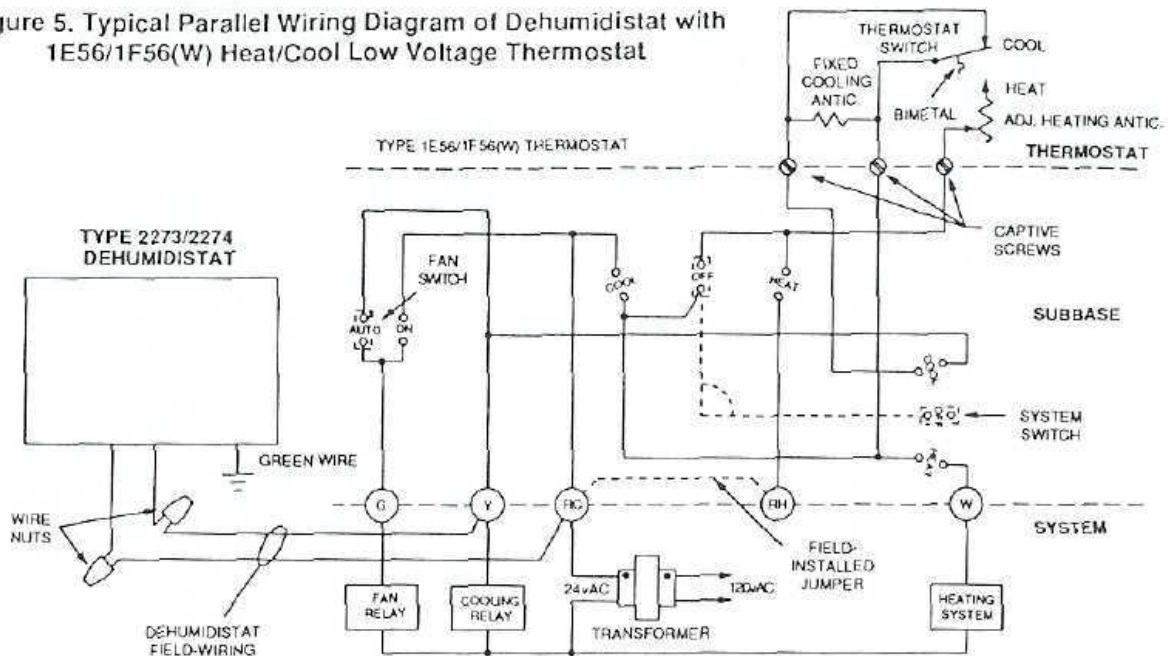


Figure 6. Typical Parallel Wiring Diagram of Dehumidistat with 1F90(W) Heat/Cool Low Voltage Digital Thermostat

OPERATION

HUMIDISTAT CONTROL

Normally, the system is wired so that the Furnace humidifier can operate only when the furnace blower is operating, and only if the Humidistat control is calling for humidity. If the furnace blower is also used for the air-conditioning system, the humidistat should be turned to full "OFF" during the cooling season.

SETTING & ADJUSTMENT

- Although a relative humidity environment of 45-50% may be desirable, setting your humidistat at this point when the outside temperature is below -1°C (30°F) can cause condensation on windows and walls. Continued condensation for extended periods of time may result in structural damage. Use the following chart, as a guide for maximum dial settings for various outdoor temperatures. If condensation forms at these sug-

gested settings, reduce the humidistat setting by successive 5% increments. After each reduction in setting allow 6 hours for equilibrium to be reached before further re-adjustment.

- An operational check can be made as follows:
 - Turn humidistat knob to "ON" position. Turn the thermostat fan switch to "ON" the humidifier should start.
 - Then rotate knob to desired setting.
 - Turn thermostat fan switch back to "AUTO".

At Outside °C Temperature °F	-20 0	-10 +10	-5 +20	Above 0° Above +20°
Recommended Setting	25%	30%	35%	40%

DEHUMIDISTAT CONTROL

A dehumidistat wired in parallel may be used to maintain the relative humidity level during unoccupied times regardless of ambient temperature. By cycling an air conditioning system the relative humidity is maintained to help prevent high humidity levels which are associated with mold and mildew build-up.

⚠ CAUTION

Do not use parallel wiring if compressor is not equipped with low temperature protection. Operating compressor without low temperature protection will damage compressor and could cause personal injury and/or property damage.

SETTING & ADJUSTMENT

1. A relative humidity environment of 50-55% is desirable during the summer. To achieve this the cooling thermostat would be set at a higher than occupied temperature or off. The dehumidistat will cycle the air conditioning system as required to maintain the relative humidity setting.
2. An operational check can be made as follows:
 - a. Turn dehumidistat knob to "ON" position. The cooling system and blower should start.
 - b. Then rotate knob to desired setting.

WARRANTY INFORMATION

THIS WARRANTY STATEMENT SUPERSEDES ALL WARRANTY STATEMENTS DATED PRIOR TO JANUARY 1, 1992.

White-Rodgers Division of Emerson Electric Co. ("Seller") warrants that its products purchased for resale (the "Products") will be free from defects in material and workmanship under normal use and service for a period of twelve (12) months from date of installation. Seller's obligation under this warranty, and Purchaser's exclusive remedy for the breach thereof, shall be limited to, at Seller's option, Seller's replacement of any defective Product, F.O.B. Seller's factory, or Seller's issuance of a credit in the amount of the purchase price of such Product for resale as described below. Seller shall have the option of requiring the return of any defective Product, transportation charges prepaid, before recognizing any claim. This warranty shall not apply to any Product (1) which has been repaired or altered outside Seller's factory or by other than Seller in any manner so as in Seller's judgement, to affect its serviceability or proper operation; (2) which has been subjected by persons other than Seller to improper handling, operation, maintenance, repair or alteration; or (3) which has been subjected to misuse, negligence or accident.

This warranty extends only to persons or organizations who purchase the Products for resale. THE FOREGOING CONSTITUTES SELLER'S SOLE RESPONSIBILITY UNDER THIS WARRANTY, AND PURCHASER'S EXCLUSIVE REMEDY FOR BREACH THEREOF. EXCEPT AS OTHERWISE EXPRESSLY SET FORTH IN THIS AGREEMENT, THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE. SELLER SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE SALE, RESALE OR USE OF THE PRODUCTS.

Complete warranty information and instructions for replacing/returning warranty products can be found in the White-Rodgers Product Catalogue, or by telephoning or writing to:

WHITE-RODGERS DIVISION
EMERSON ELECTRIC CANADA LIMITED
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MARKHAM, ONTARIO L3P 3J3
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WARRANTY INFORMATION FOR CONSUMERS

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While our warranty does not extend to you, your contractor or dealer is protected by a one-year product warranty from White-Rodgers. Your supplier can rely on a nearby White-Rodgers wholesaler for prompt credit or replacement.