



WIRING INSTRUCTIONS
- HEAT PUMP -

A) INPUT TERMINALS FROM STAT 1 :

- TERMINAL 1 - REVERSING VALVE SIGNAL
- TERMINAL 2 - COMPRESSOR RELAY SIGNAL
- TERMINAL 3 - HEAT RELAY SIGNAL
- TERMINAL 4 - FAN RELAY SIGNAL

B) INPUT TERMINALS FROM STAT 2 :

- TERMINAL 1 - REVERSING VALVE SIGNAL
- TERMINAL 2 - COMPRESSOR RELAY SIGNAL
- TERMINAL 3 - HEAT RELAY SIGNAL
- TERMINAL 4 - FAN RELAY SIGNAL

C) OUTPUT TERMINALS TO THE AIR HANDLER :

- TERMINAL 1 - REVERSING VALVE
- TERMINAL 2 - COMPRESSOR RELAY
- TERMINAL 3 - HEAT RELAY
- TERMINAL 4 - FAN RELAY
- TERMINAL R - THIS TERMINAL IS TO BE WIRED TO THE "HOT" WIRE FROM THE 24V TRANSFORMER IN THE AIR HANDLER. IT MUST ALSO BE WIRED TO THE "R" TERMINAL AT EACH THERMOSTAT.

TERMINAL C - THIS TERMINAL IS TO BE WIRED TO THE "COMMON" TERMINAL FROM THE 24V TRANSFORMER IN THE AIR HANDLER ON SOME HEAT PUMPS IT MAY BE NECESSARY FOR THIS TERMINAL TO BE WIRED TO THE THERMOSTATS.

D) OUTPUT TERMINALS TO THE DAMPERS :

- TERMINAL D1 - THIS TERMINAL IS TO BE CONNECTED TO THE SOLENOID THAT CONTROLS THE DAMPER FOR AREA 1.
- TERMINAL D2 - THIS TERMINAL IS TO BE CONNECTED TO THE SOLENOID THAT CONTROLS THE DAMPER FOR AREA 2.
- TERMINAL D-COM - THIS TERMINAL IS TO BE WIRED TO THE SOLENOID COMMON.

NOTES

1. IF THE UNIT TO WHICH THE TEC IS WIRED HAS A TRANSFORMER SMALLER THAN 50 VA, THE TRANSFORMER MUST BE REPLACED WITH ONE 50 VA OR LARGER.
2. THE DAMPER SOLENOIDS ARE NOT POLARITY SENSITIVE AND MAY BE WIRED WITH EITHER POLARITY.
3. THE SOLENOIDS ARE DC. DO NOT CONNECT COMMON AND D-COM.

CONNECTION FOR TWO ZONE TEC.

RHEEM, RUUD, & OTHER HEAT PUMPS WHICH ENERGIZE THE REV. VALVE IN THE HEAT MODE.

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TITLE

CONNECTION DIAGRAM, TEC ZONE CONTROL
HEAT PUMPS WHICH ENERGIZE THE REVERSING VALVE
IN THE HEATING MODE

REVISION

REASON

DATE

DRAWN BY: M. FRIEND
DES. NO. M95C02

REV. A

DATE 1-24-94

SCALE 2.5

SHEET 1 OF 1