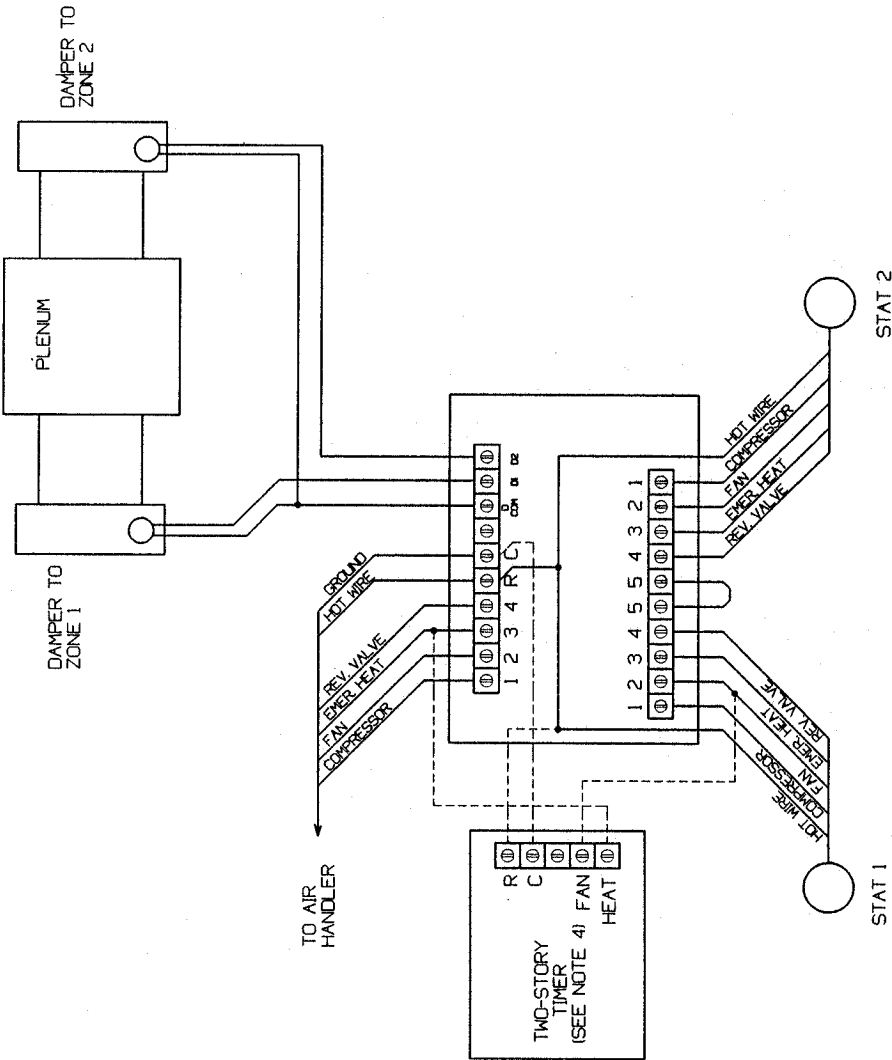


WIRING INSTRUCTIONS  
- HEAT PUMP -



- A) INPUT TERMINALS FROM STAT 1 :
- TERMINAL 1 - COMPRESSOR RELAY SIGNAL
  - TERMINAL 2 - FAN RELAY SIGNAL
  - TERMINAL 3 - HEAT RELAY SIGNAL
  - TERMINAL 4 - CHANGE OVER VALVE SIGNAL
- B) INPUT TERMINALS FROM STAT 2 :
- TERMINAL 1 - COMPRESSOR RELAY SIGNAL
  - TERMINAL 2 - FAN RELAY SIGNAL
  - TERMINAL 3 - HEAT RELAY SIGNAL
  - TERMINAL 4 - CHANGE OVER VALVE SIGNAL
- C) OUTPUT TERMINALS TO THE AIR HANDLER :
- TERMINAL 1 - COMPRESSOR RELAY
  - TERMINAL 2 - FAN RELAY
  - TERMINAL 3 - HEAT RELAY
  - TERMINAL 4 - CHANGE OVER VALVE
  - 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.
- 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 T.E.C. 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 D.C. DO NOT CONNECT 'COMMON' AND 'D-COM'.
4. THE TWO STORY TIMER IS OPTIONAL. IT SHOULD BE USED IN TWO STORY APPLICATIONS.

CONNECTION FOR TWO ZONE T.E.C.  
**HEAT PUMP ONLY**

**MAVERICK TECHNICAL SYSTEMS, INC.**  
4315 HWY. 80 EAST  
GLADEWATER, TX 75647

TITLE  
CONNECTION DIAGRAM, T.E.C. ZONE CONTROL  
HEAT PUMPS WHICH ENERGIZE THE REVERSING VALVE  
IN THE COOLING MODE

DRAWN BY: M. FRIEND	DATE: 1-24-94	SCALE: 2.5
ENG. NO. M94C08	SHEET	OF

REVISION	REASON	DATE
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