NOTES:

1. WIRING SHOWN IS FOR 460V. 415V. OR 380V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS2 AND TNS7.
3. WIRE NUMBER 36AE IS NOT USED FOR YC_600 & TC-600.
4. REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
5. REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
6. LPC & LPC2 ARE LOW PRESSURE CUTOUT SWITCHES USED FOR COMPRESSOR PROTECTION. CAUTION!! DO NOT JUMPER ACROSS SWITCHES UNDER ANY CIRCUMSTANCES. TO DISABLE COMPRESSORS. REMOVE JUMPERS AND CONNECT FIELD SUPPLIED DEVICE.
7. WIRING SHOWN IS FOR UNIT WITH INDOOR FAN MOTOR DRIVES. WHEN UNIT HAS OPTIONAL VARIABLE FREQUENCY DRIVE SEE INSETS A. B. AND C.
8. NOT USED ON UNITS WITH VARIABLE FREQUENCY DRIVES (SEE INSET B).
9. XFR CAN BE FOUND ON LINES 20.21. & 175.
10. REMOVE JUMPER BETWEEN LTB-5 AND LTB-6 AND INSTALL FIELD PROVIDED DEVICE WHEN REQUIRED.
11. TO ENABLE COMPRESSOR LEAD/LAG OPERATION. CUT WIRE 36AG.
12. RELAY ENERGIZED DURING ALL CV MODES: UNOCC. DWU. MWU.

## CAUTION

USE COPPER CONDUCTORS ONLY!

UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

## PRECAUCIÓN

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!

LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT.

## ATTENTION

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

14. SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.
15. INSTALL OPTIONAL REMOTE SENSOR TO TERMINALS S1 AND S2 WHEN REQUIRED. SEE PROGRAMMABLE ZONE SENSOR / REMOTE PANEL W/NSB LITERATURE FOR OPTION CONFIGURATION.
16. TERMINALS 7.8.9 & 10 ARE FOR OPTIONAL INDICATORS.
17. INSET D IS FOR OPTIONAL PROGRAMMABLE ZONE SENSOR.
18. AUXILIARY RELAY ENERGIZED DURING OCCUPIED PERIODS.
19. 0-10 VDC DUCT MOUNTED SENSOR ONLY.
20. PROVIDE JUMPER BETWEEN RTRM J6-2 & RTRM J6-4 TO ENABLE AUTO MODE WHEN NO OTHER MODE INPUT IS USED.
21. PROVIDE CONTACT CLOSURE BETWEEN RTRM J6-11 & RTRM J6-12 TO ENABLE UNOCCUPIED MODE WHEN NOT USING PROGRAMMABLE ZSM/REMOTE PANEL OR BMS.
22. EBA REQUIRED FOR OPTIONAL FRESH AIR TRACKING EXHAUST.
23. OPTIONAL VENTILATION OVERRIDE

| • • LEGEND • • | | |
|---|---|---|
| DEVICE DESIGNATION | DESCRIPTION | LINE NUMBER |
| CC1 | COMPRESSOR CONTACTOR #1 | 139 |
| CC2 | COMPRESSOR CONTACTOR #2 | 140 |
| CC3 | COMPRESSOR CONTACTOR #3 | 136 |
| CFS | CLOGGED FILTER SWITCH | 171 |
| CO2 SENSOR | CO2 SENSOR | 175 |
| COMM | COMMUNICATIONS MODULE | 159 |
| CPM | COMPRESSOR PROTECTION MODULE | 138 |
| DTS | DISCHARGE TEMP SENSOR | 165 |
| EBA | EXHAUST BLADE ACTUATOR | 173 |
| ECA | ECONOMIZER ACTUATOR | 167 |
| F | IDM FAN CONTACTOR | 147 |
| F | IDM FAN RELAY | 180 |
| FIRE PANEL | FIRE PANEL | 175 |
| FFS | FAN FAILURE SWITCH | 173 |
| FOS1 | FROST STAT 1 | 179 |
| FOS2 | FROST STAT 2 | 179 |
| HPC1 | HIGH PRESSURE CUTOUT #1 | 139 |
| HPC2 | HIGH PRESSURE CUTOUT #2 | 140 |
| IGVA | INLET GUIDE VANE ACTUATOR | 155 |
| | | |
| | | |
| LPC1 | LOW PRESSURE CUTOUT #1 | 141 |
| LPC2 | LOW PRESSURE CUTOUT #2 | 143 |
| MAS | MIXED AIR SENSOR | 167 |
| OAS | OUTSIDE AIR SENSOR | 139 |

| • • LEGEND • • | | |
|---|---|---|
| DEVICE DESIGNATION | DESCRIPTION | LINE NUMBER |
| ODF20 | OUTDOOR FAN RELAY #20 | 145 |
| OHS | OUTSIDE HUMIDITY SENSOR | 173 |
| PHM | PHASE MONITOR | 138 |
| RAS | RETURN AIR SENSOR | 169 |
| RHS | RETURN HUMIDITY SENSOR | 171 |
| RHT | RETURN HIGH TEMP. | 139 |
| RMP | REMOTE MINIMUM POSITION | 171 |
| RTAM | VAV MODULE | 151,179 |
| RTOM | OPTIONS MODULE | 153 |
| RTRM | REFRIGERATION MODULE | 135,168 |
| SHT | SUPPLY HIGH TEMP. | 139 |
| SPT | STATIC PRESS. TRANSDUCER | 151 |
| STS | SERVICE TEST SWITCH | 144 |
| TDL1 | TEMPERTURE DISCHARGE LIMIT #1 | 139 |
| TDL2 | TEMPERTURE DISCHARGE LIMIT #2 | 140 |
| | | |
| THERMOSTAT | THERMOSTAT | 148 |
| TNS2 | CONTROL TRANSFORMER | 134 |
| | | |
| TNS7 | CONTROL TRANSFORMER | 131 |
| VFD | VARIABLE FREQUENCY DRIVE | 176,179 |
| VHR | VAV BOX RELAY | 149,150,151 |
| | | |
| XFR | EXHAUST FAN RELAY | 175 |
| ZSM | ZONE SENSOR MODULE | 156,168 |