



- 1 WIRE 36AE IS NOT USED FOR 35T AND 50T UNITS.
- 2 REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
- 3 REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
- 4 FOS2 USED ON 40T AND 50T UNITS ONLY.
- 6 OPTIONAL VENTILATION OVERRIDE.
- 7 0-10 VDC DUCT MOUNTED SENSOR ONLY.
- 8 WIRE 36AC USED ON UNITS WITH OPTIONAL ECONOMIZER ONLY.
- 9 WIRING SHOWN IS FOR UNIT WITH INDOOR FAN MOTOR. WHEN UNIT HAS OPTIONAL VARIABLE FREQUENCY DRIVE SEE INSET A.
- 10 NOT USED ON UNITS WITH VARIABLE FREQUENCY DRIVES (SEE INSET A).
- 11 RELAY ENERGIZED DURING ALL CV MODES: UNOCC, DMU, MWU.
- 12 SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.
- 13 SWITCHOVER CONNECTIONS FOR OPTIONAL MODULATING GAS HEAT.
- 14 SENSOR EET IS ATTACHED TO CIRCUIT 1 FOR 27.5-35 TON UNITS, AND TO CIRCUIT 2 FOR 40-50 TON UNITS.

CAUTION **PRECAUCIÓN** **ATTENTION**

USE COPPER CONDUCTORS ONLY! N'UTILISER QUE DES CONDUCTEURS EN CUIVRE! ¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS. LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT. L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'ÉQUIPEMENT. SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

DEVICE DESIGN	DESCRIPTION	LINE NUMBER
CFS	CLOGGED FILTER SWITCH	212
CLV	COOLING VALVE	186
CO2	CO2 SENSOR	230
DTS	DISCHARGE TEMP SENSOR	213
EBA	EXHAUST BLADE ACTUATOR	212, 221
ECA	ECONOMIZER ACTUATOR	222
EET	ENTERING EVAP TEMP SENSOR	194
FCB1	FAN CIRCUIT BREAKER #1	214
FFS	FAN FAILURE SWITCH	214
FOS1	FROST STAT 1	208
FOS2	FROST STAT 2	210
HST	HUMIDISTAT	219
IGVA	INLET GUIDE VANE ACTUATOR	194
MAS	SENSOR - MIXED AIR TEMP	221
RAS	SENSOR - R/A HUMIDITY	227
RAS	SENSOR - RETURN AIR TEMP	223
RHP	SOLENOID - REHEAT PUMP/OUT	185
RHS	SENSOR - R/A HUMIDITY	225
RHV	REHEAT VALVE	190
RLP	REHEAT LOW PRESSURE CUTOFF	194
RMP	POTENTIOMETER - REMOTE MIN POS	229
RTAM	VAV MODULE	186
RTOM	DEHUMIDIFICATION MODULE	186
RTOM	OPTIONS MODULE	204
RTM	REFRIGERATION MODULE	186
RTVM	STATITRAC MODULE	206
SMS	SENSOR - SPACE HUMIDITY	217
SPC	SPACE PRESS CALIB SOLENOID	209
SPP	SPACE PRESSURE TRANSDUCER	206

TRAINING
 FILE NUMBER: 2313-0015
 DRAWING NUMBER: 2313-0019
CONTROL MODULES SCHEMATIC
 VARIABLE AIR VOLUME W/ STATITRAC
 SHEET: 1 OF 1
 REV:

THIS DRAWING IS APPROVED FOR CONSTRUCTION AND SHALL NOT BE CHANGED WITHOUT THE CONSENT OF THE DESIGNER.
 DRAWN BY: K. EDWARDS
 CHECKED BY: K. EDWARDS
 DATE: 8/24/09
 REVISED DATE: 12/07/09
 SIMILAR TO: