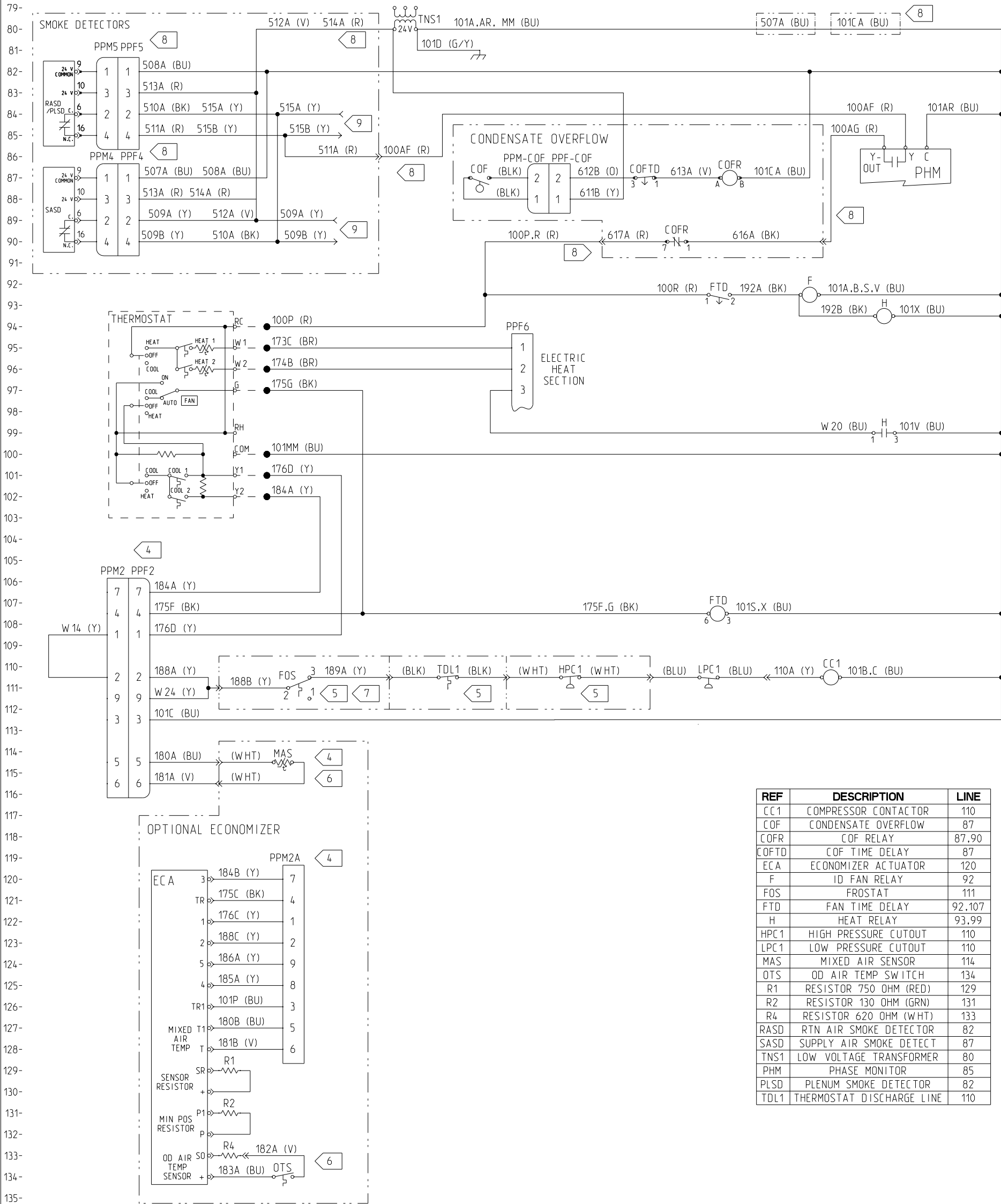




REF	DESCRIPTION	LINE
CC1	COMPRESSOR CONTACTOR	110
COF	CONDENSATE OVERFLOW	87
COFR	COF RELAY	87.90
COFTD	COF TIME DELAY	87
ECA	ECONOMIZER ACTUATOR	120
F	ID FAN RELAY	92
FOS	FROSTAT	111
FTD	FAN TIME DELAY	92.107
H	HEAT RELAY	93.99
HPC1	HIGH PRESSURE CUTOUT	110
LPC1	LOW PRESSURE CUTOUT	110
MAS	MIXED AIR SENSOR	114
OTS	OD AIR TEMP SWITCH	134
R1	RESISTOR 750 OHM (RED)	129
R2	RESISTOR 130 OHM (GRN)	131
R4	RESISTOR 620 OHM (WHT)	133
RASD	RTN AIR SMOKE DETECTOR	82
SASD	SUPPLY AIR SMOKE DETECT	87
TNS1	LOW VOLTAGE TRANSFORMER	80
PHM	PHASE MONITOR	85
PLSD	PLENUM SMOKE DETECTOR	82
TDL1	THERMOSTAT DISCHARGE LINE	110

NOTES:

- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY WITH ALL UTILITIES TURNED OFF AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
- DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS.
- NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.
- WHEN INSTALLING OPTIONAL ECONOMIZER, REMOVE CONFIG PLUG PPM2, AND CONNECT ECONOMIZER PLUG PPM2A TO PPF2, AND CONNECT MAS TO WIRES 180A AND 181A.
- CONNECTIONS SHOWN INCLUDE FOS, TDL1, AND HPC1. IF NONE OF THESE OPTIONS ARE INSTALLED, CONNECT WIRE LPC1-BLU TO WIRES W24/188A. IF ANY OF ALL OF THESE OPTIONS ARE INSTALLED, CONNECT THEM IN SERIES AS SHOWN. (NOTE 7 FOR EXCEPTION)
- FOR MOTORIZED OUTSIDE AIR DAMPER, OPTIONAL MAS AND OTS (AND ASSOCIATED WIRING) ARE NOT USED, AND R4 IS REMOVED BETWEEN SO AND +.
- FROSTAT CONNECTIONS/WIRE NUMBERS HAVE AN EXCEPTION. FOR ALL 4-5 TON UNITS WITH R410A REFRIGERANT AND HIGH EFFICIENCY, CONNECT WIRE 132C TO FOS PIN 2 AND 101TT TO FOS PIN 3.
- CONNECTIONS SHOWN INCLUDE OPTIONAL SMOKE DETECTORS AND CONDENSATE OVERFLOW. IF NONE OF THE SMOKE DETECTORS (RASD, PLSD OR SASD) ARE INSTALLED, CONNECT WIRE 100AF TO TNS1-24VAC. IF CONDENSATE OVERFLOW IS NOT INSTALLED, CONNECT WIRE 100P TO WIRE 100AG.

CONNECTIONS SHOWN INCLUDE OPTIONAL SMOKE DETECTORS. THE FOLLOWING COMBINATIONS ARE ALLOWED: RASD ONLY, SASD ONLY, RASD & SASD, AND PLSD ONLY. IF RASD OR PLSD IS NOT INSTALLED, CONNECT WIRE 515A TO WIRE 515B. IF SASD IS NOT INSTALLED, CONNECT WIRE 509A TO WIRE 509B.

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DRAWN BY: K.VICKMORF © TIANE DATE: 30-Aug-2000		TIS,H(C036-060(E3.4,W)	
DO NOT SCALE PRINT		ELECTROMECH CNTL, BELT-DRIVE IDM	