



- ▲ SHIELDED TWISTED PAIR COMMUNICATION CABLE PLENUM-BELDEN 88761, STANDARD-BELDEN 8761 OR EQUAL
- ▲ NETWORK CONTROL PANEL, OPTIONAL. USE THERMOSTAT WIRE TO TB51
- ▲ BACKUP THERMOSTAT, OPTIONAL. SEE ECTO PARAMETER 6.01, OPTION 2
- ▲ FOR CONTINUOUS BLOWER OPERATION DURING OCCUPIED PERIOD, SEE ECTO PARAMETER 6.17, OPTION 1
- ▲ SEE ECTO PARAMETER 6.01 FOR SENSOR APPLICATION. OPTION 3 IS FACTORY SET
- ▲ S56 MOM. OVERRIDE SWITCH IS USED WITH A2 RETURN AIR SENSOR, OR RT19 AVERAGEING SENSOR, OPTIONAL, USE THERMOSTAT WIRE
- ▲ JUMPER TB1-14 TO TB1-16 AND TB1-5 TO TB1-17 WHEN A2 IS USED IN RETURN AIR. USE THERMOSTAT WIRE, MAY BE FIELD OR FACTORY INSTALLED
- ▲ ALTERNATE REMOTE LOCATION OF RT6. SEE ECTO PARAMETER. 6.20 TO ENABLE
- ▲ TB1-19 IS SERVICE RELAY OUTPUT(24VAC). IF USED CONNECT TO A INDICATOR LIGHT OR RELAY COIL (MAX 4VA)
- ▲ J99/P99, J100/P100 AND J103/P103 ARE NOT USED ON -036,042,048,060,072,088 AND 100 UNITS
- ▲ S27 AND S52 ARE OPTIONAL

KEY	DESCRIPTION
A2	SENSOR-ELECTRONIC
A17	DETECTOR-SMOKE
A42	MONITOR-PHASE PROTECTION
A55	PANEL-MAIN
A56	PANEL-ECONOMIZER
A63	SENSOR-CO2 (IAQ)
A64	DETECTOR-SMOKE, SUPPLY AIR
A105	CONTROL PANEL-L CONNECTION
J16	JACK-UNIT
J62	JACK-A2 RETURN AIR SENSOR
J63	JACK-RT1, DISCH. AIR SENSOR
J64	JACK-S27 FILTER SWITCH
J65	JACK-S52 FAN SWITCH
J66	JACK-COOL I INTERFACE
J99	JACK-DISCHARGE TEMP SENSOR
J100	JACK-OUTDOOR TEMP SENSOR
J101	JACK-SMOKE DETECTOR, RETURN AIR
J102	JACK-SMOKE DETECTOR, SUPPLY AIR
J103	JACK-SENSORS, CONTROL
J110	JACK-THERMOSTAT INPUT
J112	JACK-COOLING SENSOR INPUT
J114	JACK-SENSOR INPUT
J115	JACK-ECONOMIZER OUTPUT
J125	JACK-BLOWER PROVING
J126	JACK-JUMPER, BLOWER PROVING
J167	JACK-BLOWER, OVERRIDE, STD
P16	PLUG-UNIT
P62	PLUG-A2 RETURN AIR SENSOR
P64	PLUG-S27 FILTER SWITCH
P65	PLUG-S50 FAN SWITCH
P66	PLUG-COOL ONE
P99	PLUG-DISCHARGE TEMP SENSOR
P100	PLUG-OUTDOOR TEMP SENSOR
P101	PLUG-SMOKE DETECTOR, RETURN AIR
P102	PLUG-SMOKE DETECTOR, SUPPLY AIR
P103	PLUG-SENSORS, CONTROL
P110	PLUG-THERMOSTAT INPUT

▲ CONNECT SHIELD OR DRAIN WIRES TOGETHER, DO NOT CONNECT TO G TERMINAL, NOR TO S TERMINAL ON A2 ROOM SENSOR.

▲ A2 SENSOR MAY NOT HAVE S, +, - OPTIONAL COMMUNICATIONS TERMINALS

▲ TB1-20 FOR DEHUMIDIFICATION CONTROL

▲ ALTERNATE TERMINAL DESIGNATIONS WHEN USING DH400 SENSOR

▲ RT19, AVERAGEING SENSOR, CAN BE USED INSTEAD OF A2 SENSOR.

KEY	DESCRIPTION
P112	PLUG-COOLING SENSOR INPUT
P113	PLUG-BLOWER & COOL I CONTROL
P114	PLUG-SENSOR INPUT
P115	PLUG-ECONOMIZER OUTPUT
P125	PLUG-BLOWER PROVING
P126	PLUG-JUMPER, BLOWER PROVING
P142	PLUG-ECONOMIZER HARNESS
P167	PLUG-BLOWER OVERRIDE, STD
RT6	SENSOR-A55 DISCHARGE (IMC)
RT16	SENSOR-RETURN AIR TEMP
RT17	SENSOR-OUTSIDE AIR TEMP
RT19	SENSOR-AVERAGEING
S1	THERMOSTAT-ROOM
S27	SWITCH-FILTER
S42	OVERLOAD-RELAY, BLOWER MOTOR
S52	SWITCH-AIR FLOW
S56	SWITCH-MOM, AFTER HOURS
TB1	TERMINAL STRIP-LOW VOLT

— — — — — DESIGNATES OPTIONAL WIRING
 - - - - - CLASS II FIELD WIRING

WIRING DIAGRAM	3/02
ACCESSORIES	
ZONE SENSOR CONTROL FOR "L" SERIES UNITS	
TEMPERATURE CONTROL SECTION C I	
Supersedes Form No. 531,280W	New Form No. 533,628W