



**CAUTION**

USE COPPER CONDUCTORS ONLY!  
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.

**ATTENTION**

NE PAS UTILISER QUE DES CONDUCTEURS EN CUIVRE!  
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.

**PRECAUCIÓN**

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.

- NOTES:
- OPTIONAL REMOTE PANEL (SUS6), ZONE PANEL (SUS68) OR REMOTE PANEL WITH NIGHT SET BACK (SUS8) MAY BE USED WITH CONSTANT VOLUME UNITS.
  - FOR OPTIONAL REMOTE ZONE TEMP SENSOR - DO NOT CONNECT TERMINAL 1 OF SUS6 OR SUS68 AND CONNECT SUS7 AS SHOWN. SUS7 IS USED FOR CV REMOTE ZONE TEMP SENSING OR VAV UNOCCUPIED HEAT/COOL TEMP. CONTROL SENSING.
  - OPTIONAL REMOTE PANEL (SUS9) OR REMOTE PANEL WITH NIGHT SET BACK (SUS8) MAY BE USED WITH VAV UNITS.
  - WHEN HIGH DUCT TEMP T-STAT OPTION IS PROVIDED, REMOVE THE JUMPER BETWEEN 1T87-7 AND 1T87-8. REMOVE THE JUMPER BETWEEN 1T84-15 & 1T84-16 AND INSTALL FIELD PROVIDED DEVICE WHEN REQUIRED.
  - REMOVE JUMPER AND INSTALL EXTERNAL AUTO/STOP 5567 WHEN REQUIRED.
  - FIELD SUPPLIED AND INSTALLED OCCUPIED/UNOCCUPIED CONTACT (5K86) FOR USE ON UNITS WITHOUT REMOTE PANEL WITH NIGHT SETBACK (SUS8).
  - CUSTOMER SUPPLIED VAV CHANGEOVER RELAY/CONTACTS (5K87) ARE REQUIRED ON HYDRONIC HEAT AND MODULATING GAS HEAT UNITS FOR OPERATION OF OCCUPIED VAV HEAT MODE.
  - ALARM OUTPUT SWITCHES DURING ANY MANUAL RESET DIAGNOSTIC.
  - TO FIELD INSTALL O/A TEMP SENSING ON UNITS WITHOUT ECONOMIZER, REMOVE JUMPER AND CONNECT FIELD PROVIDED O/A TEMP SENSOR AS SHOWN FOR FACTORY INSTALLED SENSOR (3R13).
  - OPTIONAL TIMED OVERRIDE INITIATE BUTTON.
  - 3U63 AND ASSOCIATED WIRING USED ON REFERENCE ENTHALPY AND COMPARATIVE ENTHALPY OPTIONS ONLY.
  - SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.

**LEGEND**

DEVICE DESIGN	DESCRIPTION	LINE NUMBER
1S72	SWITCH - SUPPLY V.F.D. BYPASS	83,87
1U48	MODULE - RTM	61
1U77	KEYPAD - SUPPLY V.F.D. #1	77
1U78	KEYPAD - SUPPLY V.F.D. #2	90
3R13	SENSOR - OD AIR TEMP	102
3R19	SENSOR - SUPPLY AIR TEMP	89
3516	T-STAT - R/A HIGH DUCT TEMP	108
3517	T-STAT - S/A HIGH DUCT TEMP	109
3521	SWITCH - CLOGGED FILTER	93
3568	SWITCH - S/A PROVING	91
3569	SWITCH - EXHAUST AIR PROVING	95
3585	SWITCH - CLOGGED FINAL FILTER	72
3U13	ACTUATOR - ECONOMIZER	65
3U60	TRANSDUCER - S/A DUCT PRESSURE	98
3U63	SENSOR - OD AIR HUMIDITY	104
3U72	SUPPLY V.F.D. ASSEMBLY #1	77
3U73	SUPPLY V.F.D. ASSEMBLY #2	86
3U74	EXHAUST FAN V.F.D. ASSEMBLY	98
5K86	RELAY - OCCUPIED/UNOCCUPIED	119
5K87	RELAY - VAV CHANGEOVER	64
5567	SWITCH - EXTERNAL AUTO/STOP	116
5571	SWITCH - EMERGENCY STOP	108
5U108	SENSOR - SPACE RELATIVE HUMIDITY	104
SUS6	PANEL - CV REMOTE	77
SUS7	PANEL - ZONE TEMP	65
SUS8	PANEL - REMOTE W/ NIGHT SETBACK	83
SUS9	PANEL - VAV REMOTE	70
SU61	SENSOR - ZONE RESET TEMP	74
SU68	PANEL - CV ZONE	66
SU69	SENSOR - REMOTE ZONE TEMP	84
SU70	POTENTIOMETER - REMOTE MIN POS	101

**TRAINING**

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CONTROL S - ROOFTOP MODULE - 90-130 TON  
W/SUPPLY AND EXHAUST FAN VARIABLE FREQUENCY DRIVES

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