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	NOTES
1	- 50C LOW TEMPERATURE VESTIBULE HEATER - OPTIONAL

DENOTES OPTIONAL COMPONENTS AND WIRING

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WIRING DIAGRAM FLOW

REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-013234W	10-08-2025	RV	AC	ORIGINATED AT PD&R CARROLLTON, TX
001	CN-013481AC	09-10-2026	RV	AC	ADDED SG MODEL TO THE TITLE

 7×10 CUT
SIZE



01

02

03

04

05

06

07

08

09

10

AA

BB

CC

DD

EE

FF

A55
MAIN CTRLMODBUS
A G BMODBUS
A G BMODBUS
A G BMODBUS
A G BA178
AUX CTRLMODBUS
A G BMODBUS
A G BMODBUS
A G BS59
TSTAT

MODBUS CABLE

MODBUS CABLE

MODBUS CABLE

MODBUS CABLE

MODBUS CABLE

MODBUS CABLE

MODBUS CABLE

MODBUS CABLE

A3
DSI CTRL 1

MODBUS - 1

MODBUS - 1

MODBUS - 1

MODBUS - 1

MODBUS - 1

MODBUS - 1

MODBUS - 1

MODBUS - 1

S10
PRMRY LMT

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

S18
COMB AIR BLWR PRF

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

MODBUS - 2

S47
FLM RLOGV1
GAS VALVEFS1
FLAME SENSORE1
SPARKS69
FLM RLOGV3
GAS VALVEFS2
FLAME SENSORE2
SPARKS45
COMB AIR BLWR PRFT3
TRANSFORMERC3
CAI B6T13
TRANSFORMERC11
CAI B15K125
RELAYK262
RELAYK125
RELAYK262
RELAYK125
RELAYWB-016
SHT 1 - CC06WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007FROM F10 T1 LOAD,
B-SECT LOC NN07WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007FROM F10 T2 LOAD,
B-SECT LOC NN07WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007WB-005
WB-004WB-006
WB-007K125
RELAYK262
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RELAY

KEY LIST		
LOCATION	COMPONENT DESCRIPTION	
AA/EE02	A3, A12	CONTROL BOARD, DSI BURNER 1, 2
AA01	A55	CONTROL BOARD, MAIN
EE01	A178	CONTROL BOARD, EXTENSION
BB/EE07	B6, B15	MOTOR, COMBUSTION AIR IND., BURNER 1, 2
BB/EE06	C3, C11	CAPACITOR, CAI MOTOR 1, 2
CC/FF06	E1, E2	IGNITER, SPARK, BURNER 1, 2
CC/FF06	FS1, FS2	SENSOR, FLAME, BURNER 1, 2
BB/EE06	GV1, GV2	VALVE, GAS, BURNER 1, 2
DD/FF08	HR6, HR16	HEATER, -50C LOW TEMP VEST, BURNER 1, 2
CC/DD03	K125, K262	RELAY, LOW TEMP VEST HEATER, BURNER 1, 2
DD/EE08	K125, K262	RELAY, LOW TEMP VEST HEATER, BURNER 1, 2
AA/EE04	S10, S99	LIMIT, PRIMARY, BURNER 1, 2
BB/FF04	S18, S45	SWITCH, COMB AIR BLWR PROOF, BURNER 1, 2
AA/DD06	S47, S69	SWITCH, FLAME ROLLOUT, BURNER 1, 2
AA/DD02	S59, S198	TSTAT, OPEN -20F, CLOSE 10F, BURNER 1, 2
CC/DD02	S60, S199	TSTAT, OPEN 20F, CLOSE -10F, BURNER 1, 2
CC/DD03	S61, S200	TSTAT, OPEN 50F, CLOSE 20F, BURNER 1, 2
AA06	T3	TRANSFORMER, CAB MOTOR 1
EE06	T13	TRANSFORMER, CAB MOTOR 2

Model: LG, LD, SG Series RTU - Gas Heat
Input Heat Capacity 169k - 480k Btuh
Voltage: 575V/3~/60Hz (J)
Supersedes: N/A Form No: 538226-02 Rev: 1

NOTES
1 -50C LOW TEMPERATURE VESTIBULE HEATER - OPTIONAL

← DENOTES OPTIONAL COMPONENTS AND WIRING

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HEATING	COOLING	COOLING	ACCS	ACCS
SECTION A	SECTION B	SECTION B3	SECTION C	SECTION D

WIRING DIAGRAM FLOW

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