

538025-02

2.0

AA

BB

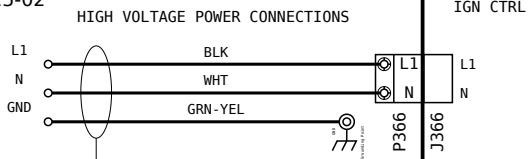
DD

EE

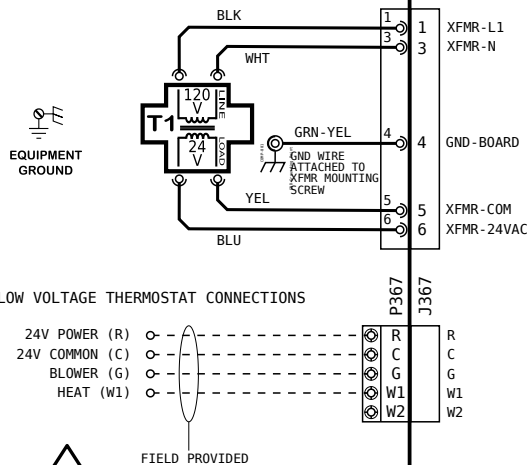
FF

A3

IGN CTRL



FIELD PROVIDED POWER WIRING.
CONNECT TO P366 AND GREEN GROUND
SCREW LOCATED INSIDE UNIT.



LOW VOLTAGE THERMOSTAT CONNECTIONS

24V POWER (R) ○ - - - - -
24V COMMON (C) ○ - - - - -
BLOWER (G) ○ - - - - -
HEAT (W1) ○ - - - - -

FIELD PROVIDED
CLASS II 24VAC
THERMOSTAT WIRING

SET THERMOSTAT HEAT ANTICIPATION AS FOLLOWS
HONEYWELL VALVE: .7
WHITE ROGERS VALVE: .5

WARNING

**DISCONNECT ALL POWER BEFORE SERVICING.
ELECTRIC SHOCK HAZARD, CAN CAUSE INJURY OR
DEATH. UNIT MUST BE GROUNDED IN ACCORDANCE
WITH NATIONAL AND LOCAL CODES.**

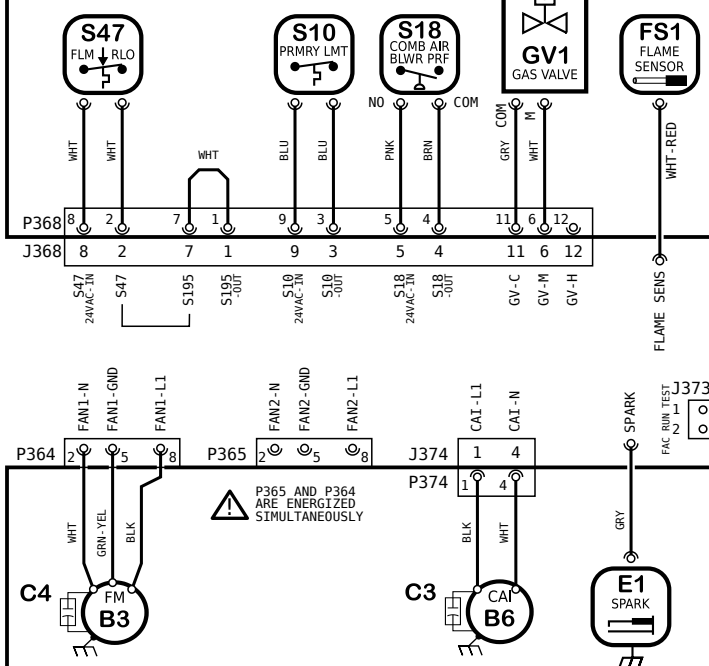
FOR USE WITH COPPER CONDUCTORS ONLY. REFER TO
UNIT RATING PLATE FOR MINIMUM CIRCUIT AMPACITY
AND MAXIMUM OVERCURRENT PROTECTION SIZE.

IF ANY WIRE IN THIS APPLIANCE IS REPLACED, IT MUST BE REPLACED WITH WIRE OF LIKE SIZE, RATING AND INSULATION THICKNESS.

NOTES



MAXIMUM LOAD NOT TO EXCEED 20VA AT 24VAC,
CLASS 2.



KEY LIST

LOCATION	COMPONENT TAG		COMPONENT DESCRIPTION
CONTROL			
CC01	A3	IGN CTRL	CONTROL, BURNER
POWER			
BB03	T1	—	TRANSFORMER, CONTROL
INPUT			
FF01	FS1	FLAME SENSOR	SENSOR, FLAME
DD01	S10	PRMRY LMT	LIMIT, PRIMARY, GAS
EE01	S18	COMB AIR BLWR PRF	SWITCH, COMBUSTION AIR BLOWER PROOFING
DD01	S47	FLM RLO	SWITCH, FLAME ROLLOUT
OUTPUT			
DD04	B3	FM	MOTOR, FAN
EE04	B6	CAI	MOTOR, COMBUSTION AIR, INDUCER
EE04	C3	—	CAPACITOR, MOTOR, CAI
DD04	C4	—	CAPACITOR, MOTOR, FAN
FF04	E1	SPARK	IGNITER, SPARK
FF01	GV1	GAS VALVE	VALVE, GAS

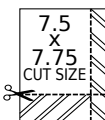
Model:	LF25 Unit Heater; LS25 Separated Combustion Unit Heater
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Heat Input - 125k-200k BTUH

Voltage:	120/60/1
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Supersedes:	538025-01	Form No:	538025-02
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Rev:	2.0
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REV	EC NO.	DATE	BY	APVD	REVISION NOTE
---	CN-008462	04/27/2020	JDH25	EMP	ORIGINATED AT PD&R CARROLLTON, TX
001	CN-008216E	06/05/2020	JDH25	EMP	SUPERSEDES WAS N/A
002	CN-009314E	04/30/2021	JDH25	EMP	CORRECTED PIN DESCRIPTION, J373 WAS P373