

FAN COILS ACCESSORY ELECTRIC HEATERS

WIRING DIAGRAMS

FIGURE	FIELD-INSTALLED HEATER MODEL	FA4C	FY4A	FC4D	FX4C	FH4C	FK4D FV4B	FE4A FE5A
1	KFCEH0401N03	018-024	018-024	018-024	018-024	001		
1	KFCEH0501N05	018-060	018-060	018-060	018-060	001, 002	001-006	001-006
1	KFCEH2401C05	018-060	018-060	018-060	018-060	001, 002	001-006	001-006
1	KFCEH0801N08	018-060	018-060	018-060	018-060	001-004	001-006	
1	KFCEH2501C08	018-060	018-060	018-060	018-060	001, 002	001-006	
2	KFCEH2901N09*	036-060	036-060	036-060	036-060	002-004	001-006	001-006
1	KFCEH0901N10	018-060	018-060	018-060	018-060	001-004	001-006	001-006
1	KFCEH2601C10	018-060	018-060	018-060	018-060	001-004	001-006	001-006
3	KFCEH3001F15	024-060	024-060	024-060	024-060	001-004	001-006	001-006
3	KFCEH3101C15*	024-060	024-060	024-060	024-060	001-004	001-006	001-006
4	KFCEH3201F20*	030-060	030-060	030-060	030-060	002-004	001-006	001-006
4	KFCEH3301C20*	030-060	030-060	030-060	030-060	002-004	001-006	001-006
5	KFCEH1601315	036-060	036-060	036-060	036-060	002-004		001-006
6	KFCEH2001318	042-060	042-060	042-060	042-060	003, 004	003-006	
7, 8	KFCEH3401F24*	048, 060	048, 060	048, 060	048, 060	003, 004	005, 006	005, 006
7, 8	KFCEH3501F30*	048, 060	048, 060	048, 060	048, 060	003, 004	005, 006	005, 006

*Intelligent Heat Staging Capable

FIGURE	FACTORY INSTALLED HEATER MODEL	FA4C, FY4A
9	MKFCEH0501N05	018, 024
9	MKFCEH0801N08	018, 030
9	MKFCEH0901N10	024-060
10	MKFCEH1501F15	036-060

FIGURE	FACTORY INSTALLED HEATER MODEL	FC4D	FX4C
11	MKFCEH0501N05	018, 024	018, 024
11	MKFCEH0801N08	030, 036	030
11	MKFCEH0901N10	036-060	036-060
12	MKFCEH1501F15	042-060	042-060

FIGURE	HEATER MODEL	FF1E
13	KFDEH0801D05	018-036
13	KFDEH0901D75	018-036
13	KFDEH1001D11	018-036
13	MKFDEH0801D05	018-036
13	MKFDEH0901D75	018-036
13	MKFDEH1001D11	018-036
18	KFEEH0101D05	019, 025, 031, 037
18	KFEEH0201D07	019, 025, 031, 037
18	KFEEH0301D11	019, 025, 031, 037

FAN COIL WITH COOLING ONLY CONTROL		
FIGURE	MODEL	
14	FE4A / FE5A	001-006
15	FV4B / FK4D	001-006
16	FC4D / FX4C	018-060
17	FA4C / FY4A	018-060

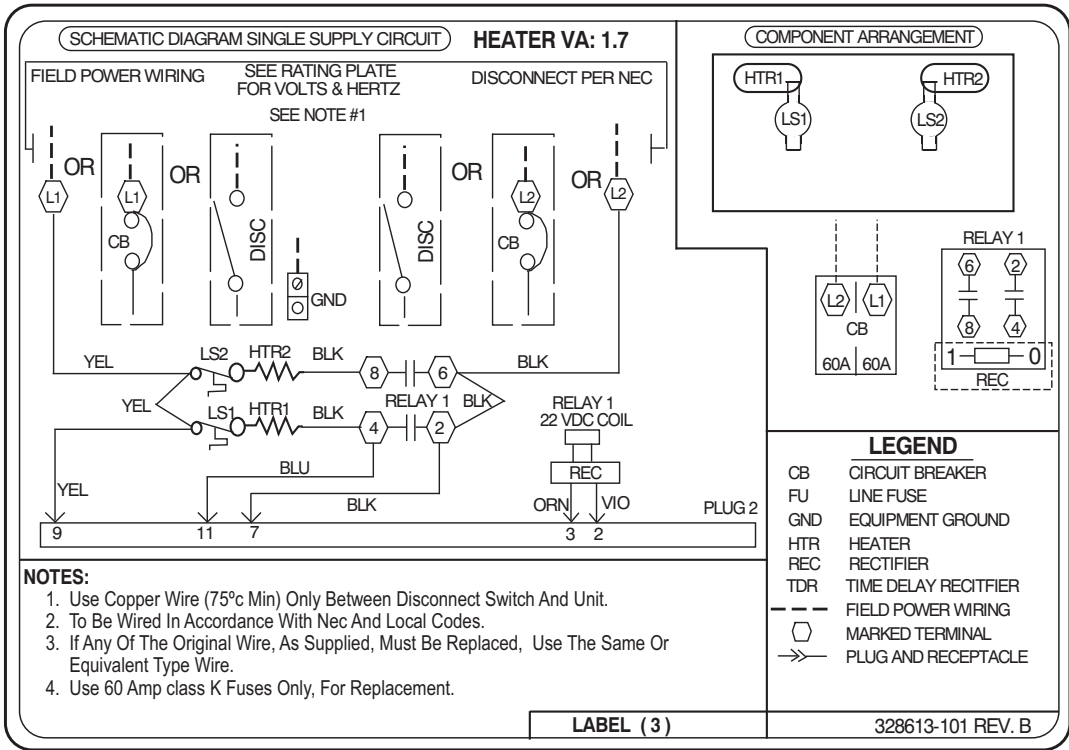


Fig. 1 - 328613-101

A07001

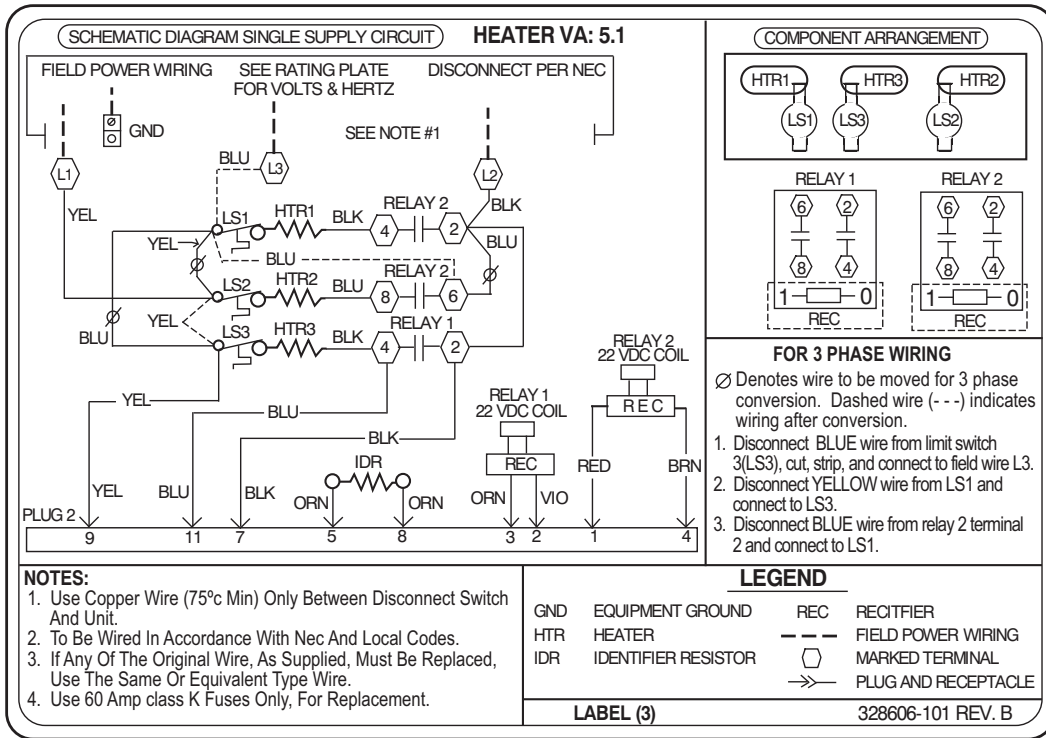


Fig. 2 - 328606-101

A07002

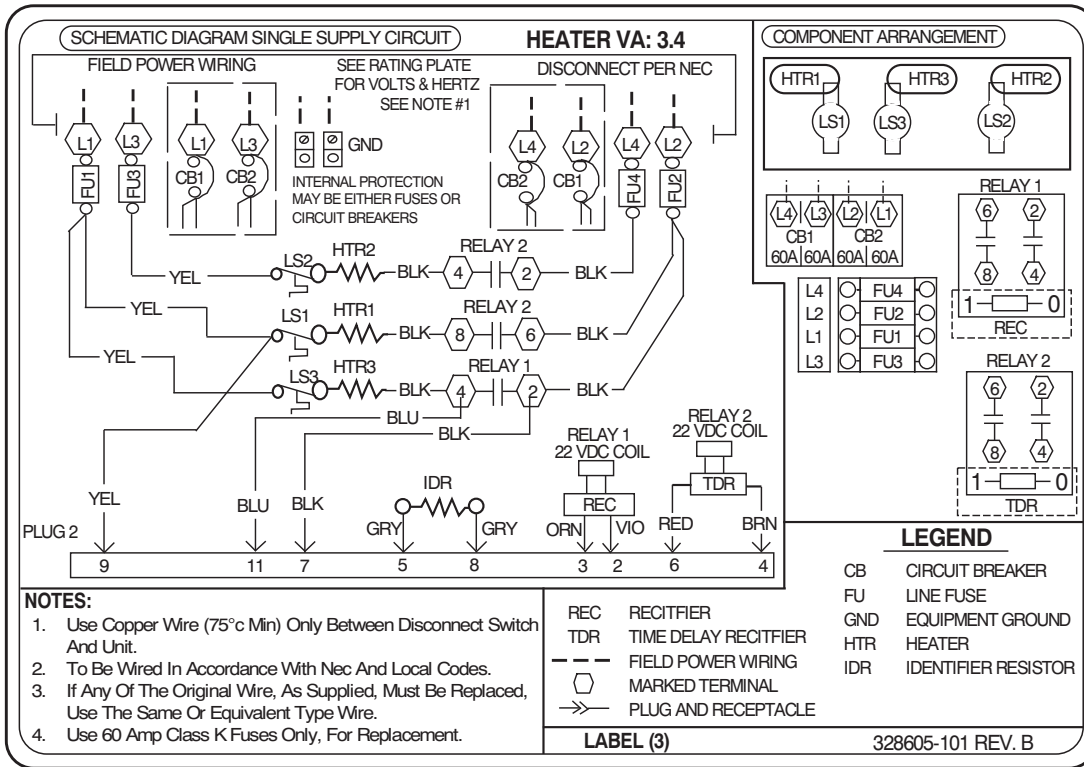


Fig. 3 - 328605-101

A07003

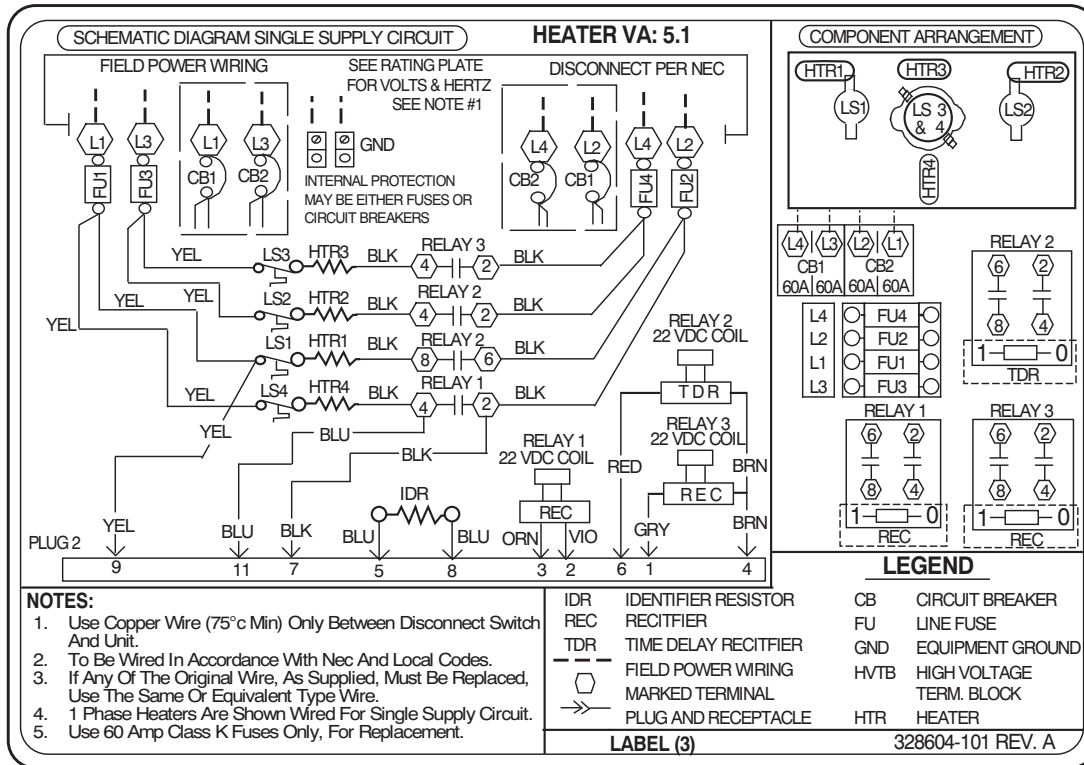


Fig. 4 - 328604-101

A07004

WD-FA4C

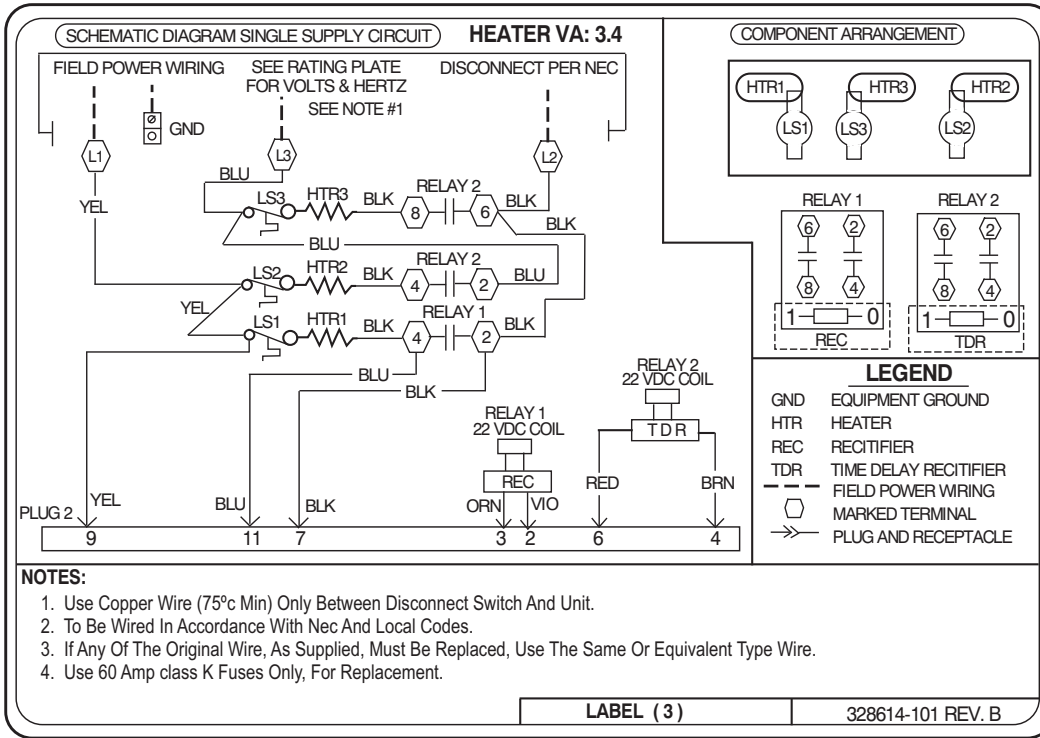


Fig. 5 - 328614-101

A07005

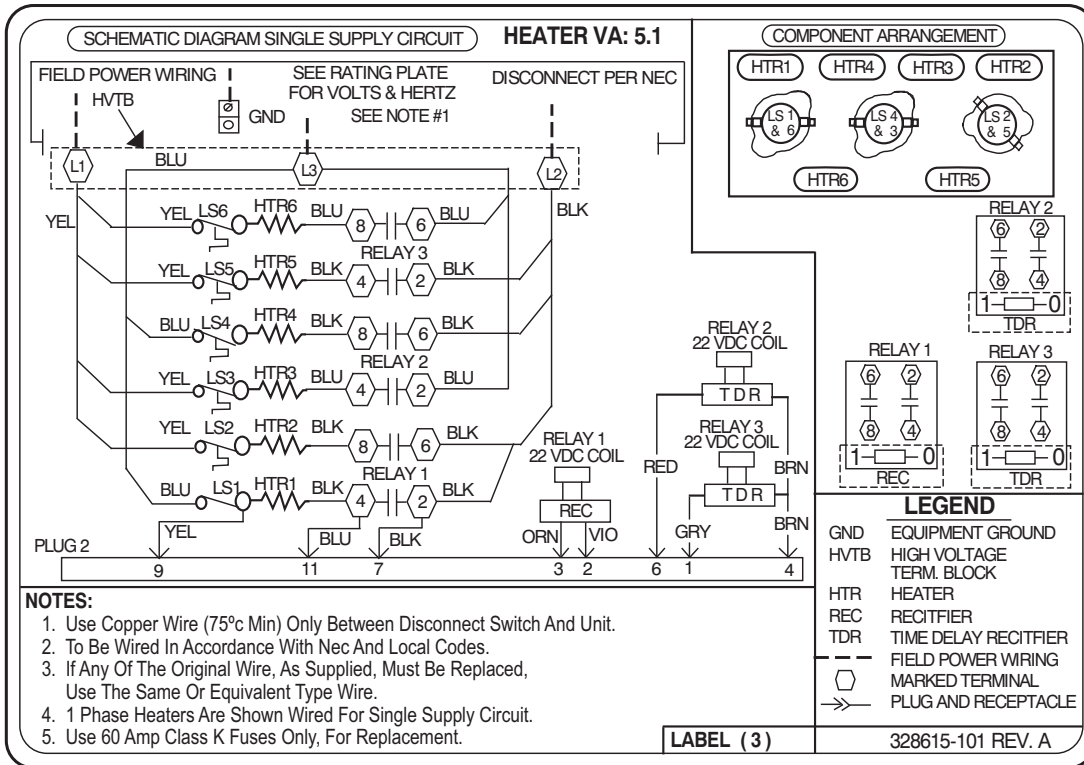


Fig. 6 - 328615-101

A07006

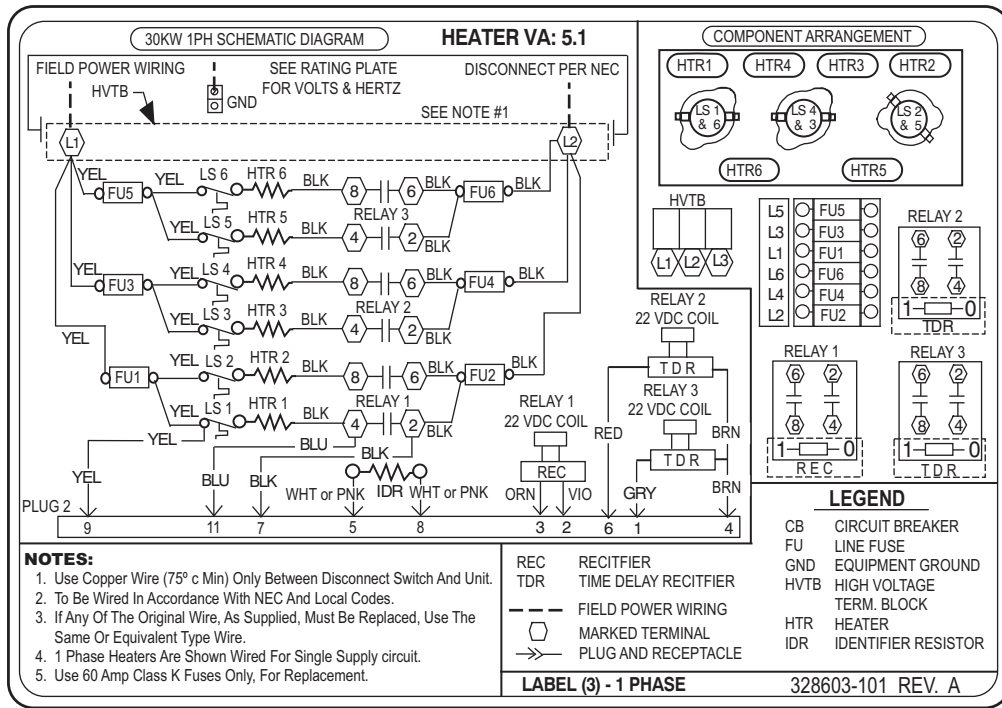


Fig. 7 - 328603-101

A07007

WD-FA4C

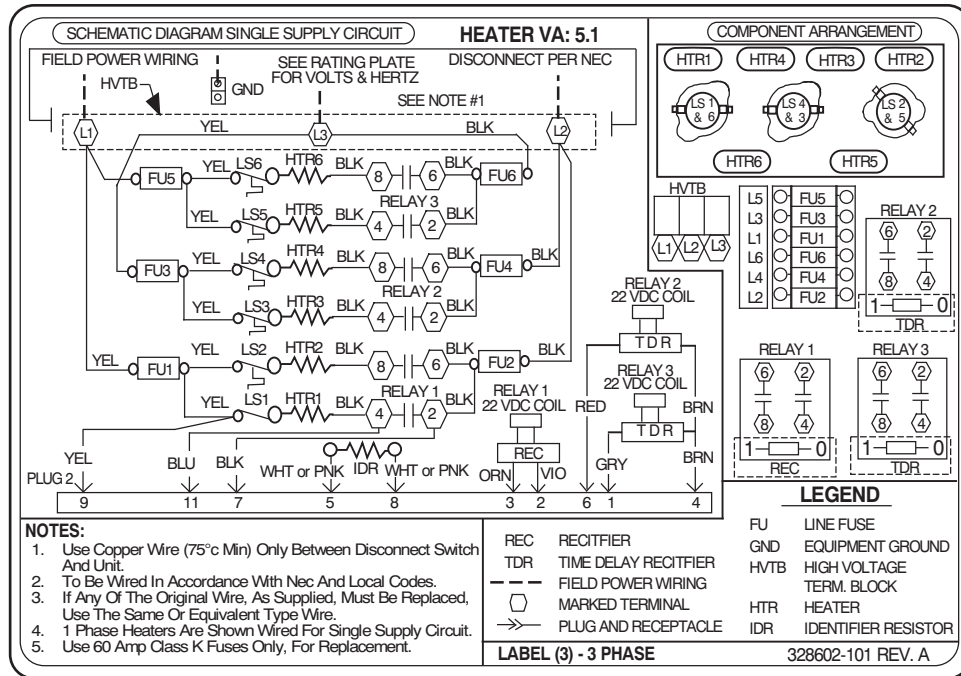


Fig. 8 - 328602-101

A07038

WD-FA4C

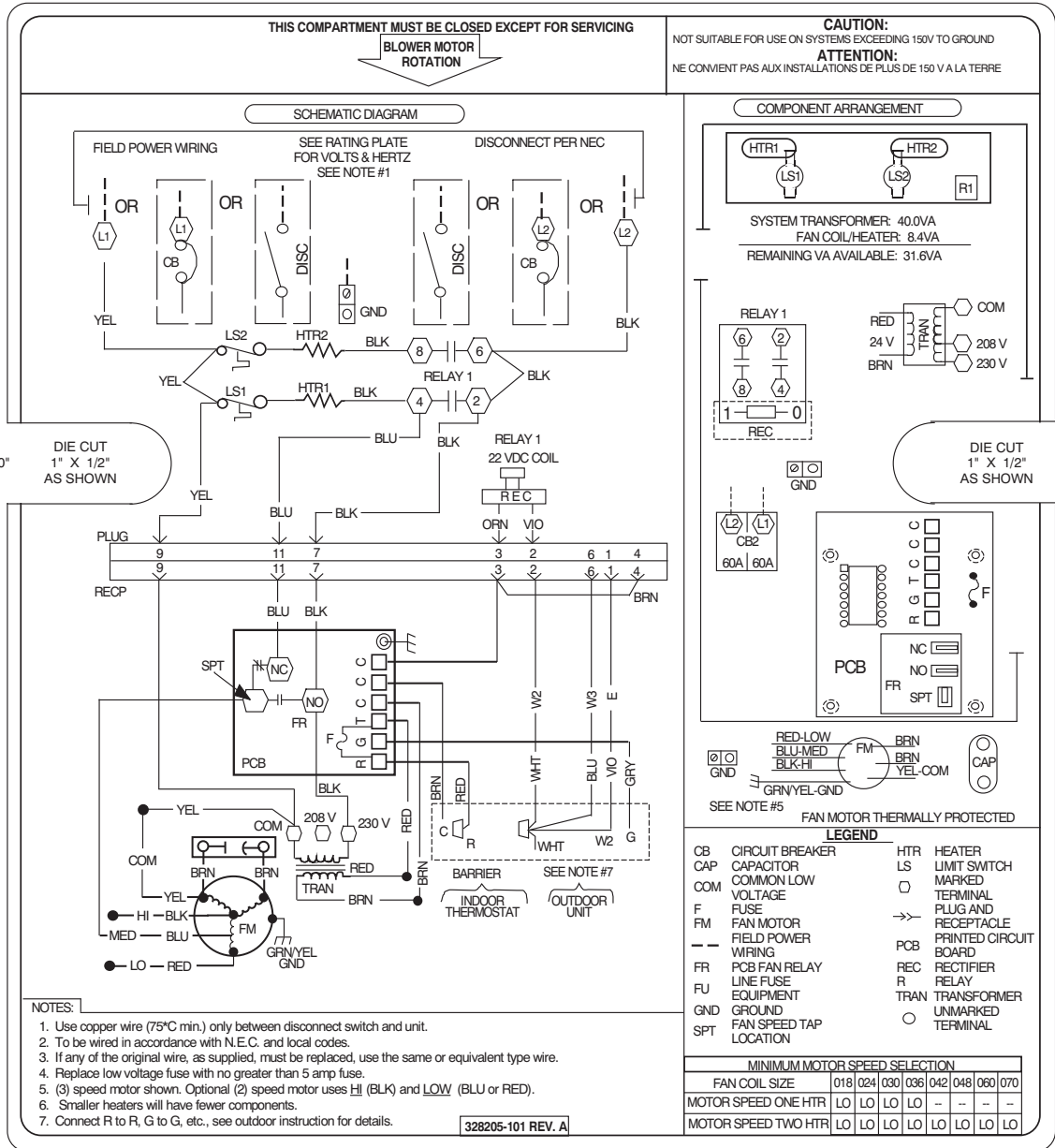


Fig. 9 - 328205-101

A07008

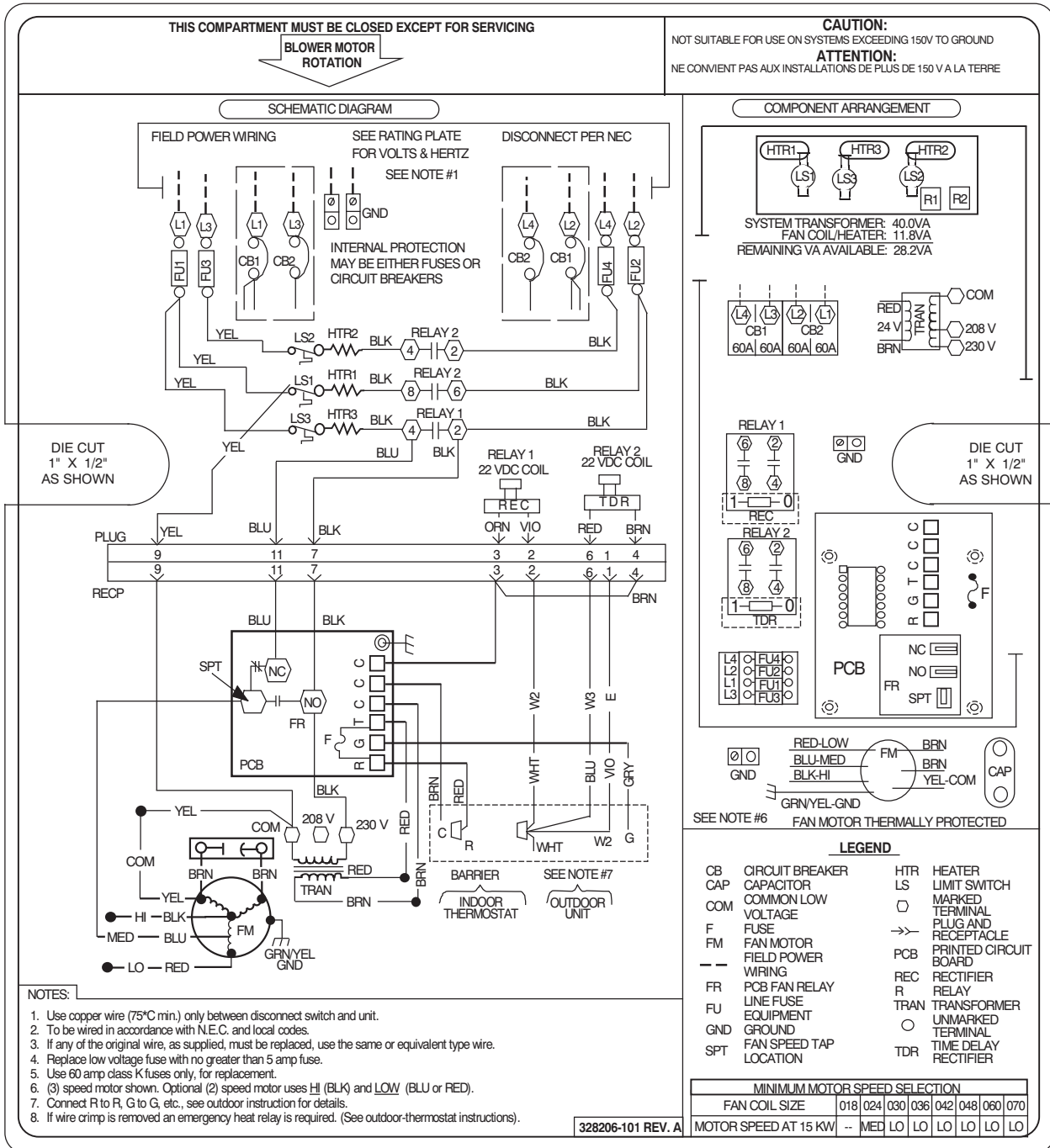


Fig. 10 - 328206-101

WD-FA4C

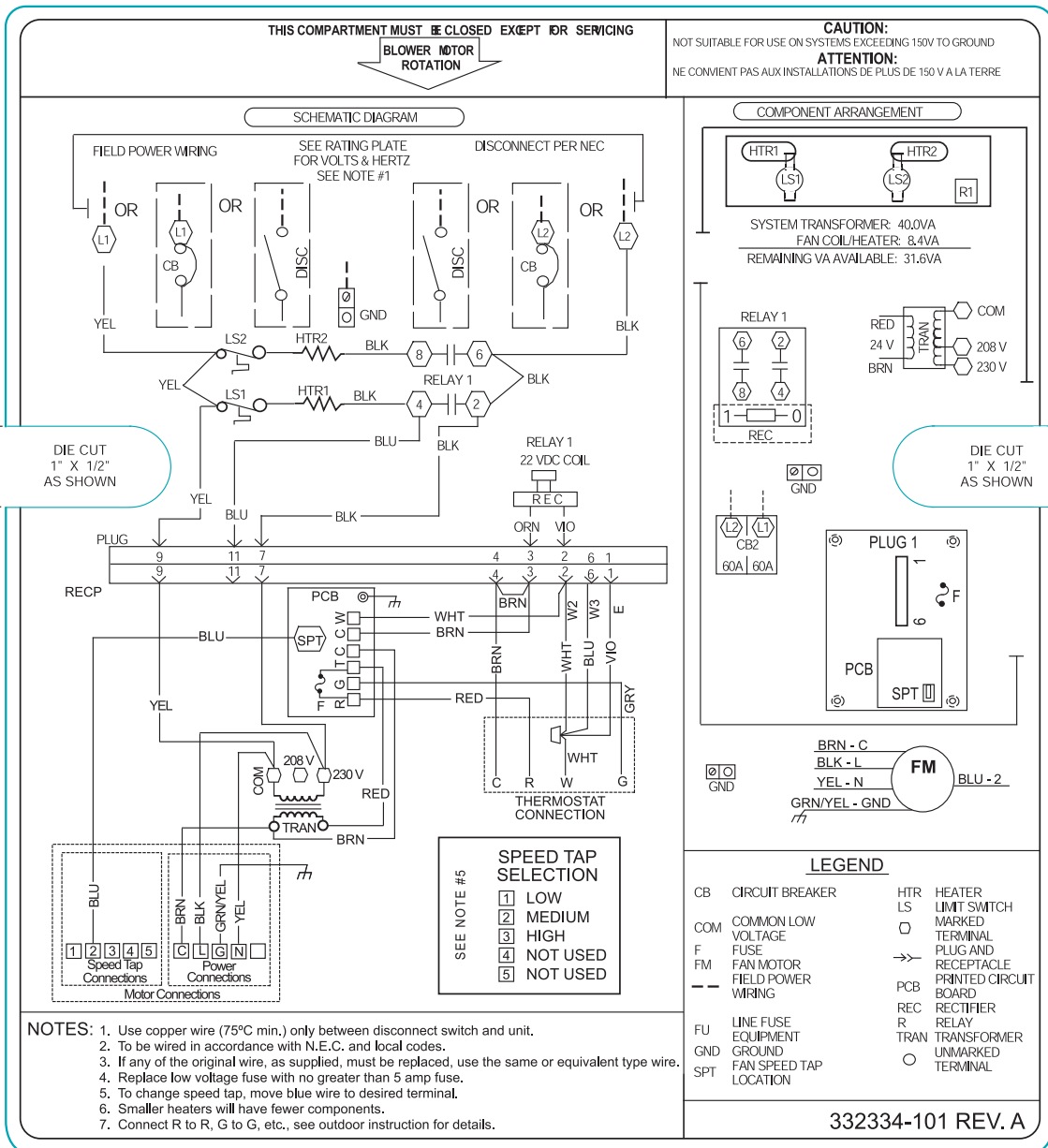


Fig. 11 - 332334-101

A07010

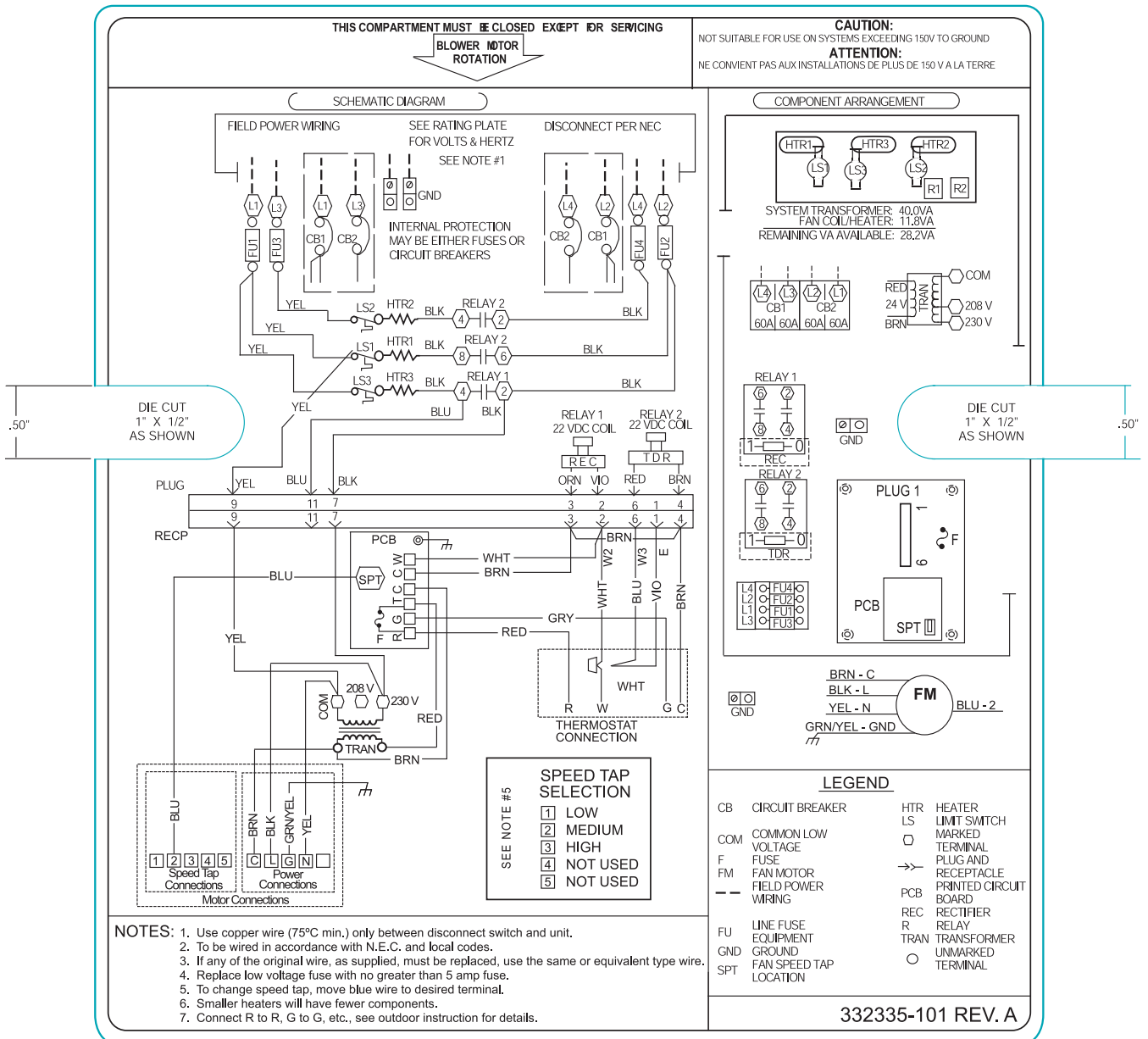


Fig. 12 - 332335-101

A07011

WD-FA4C

WD-FA4C

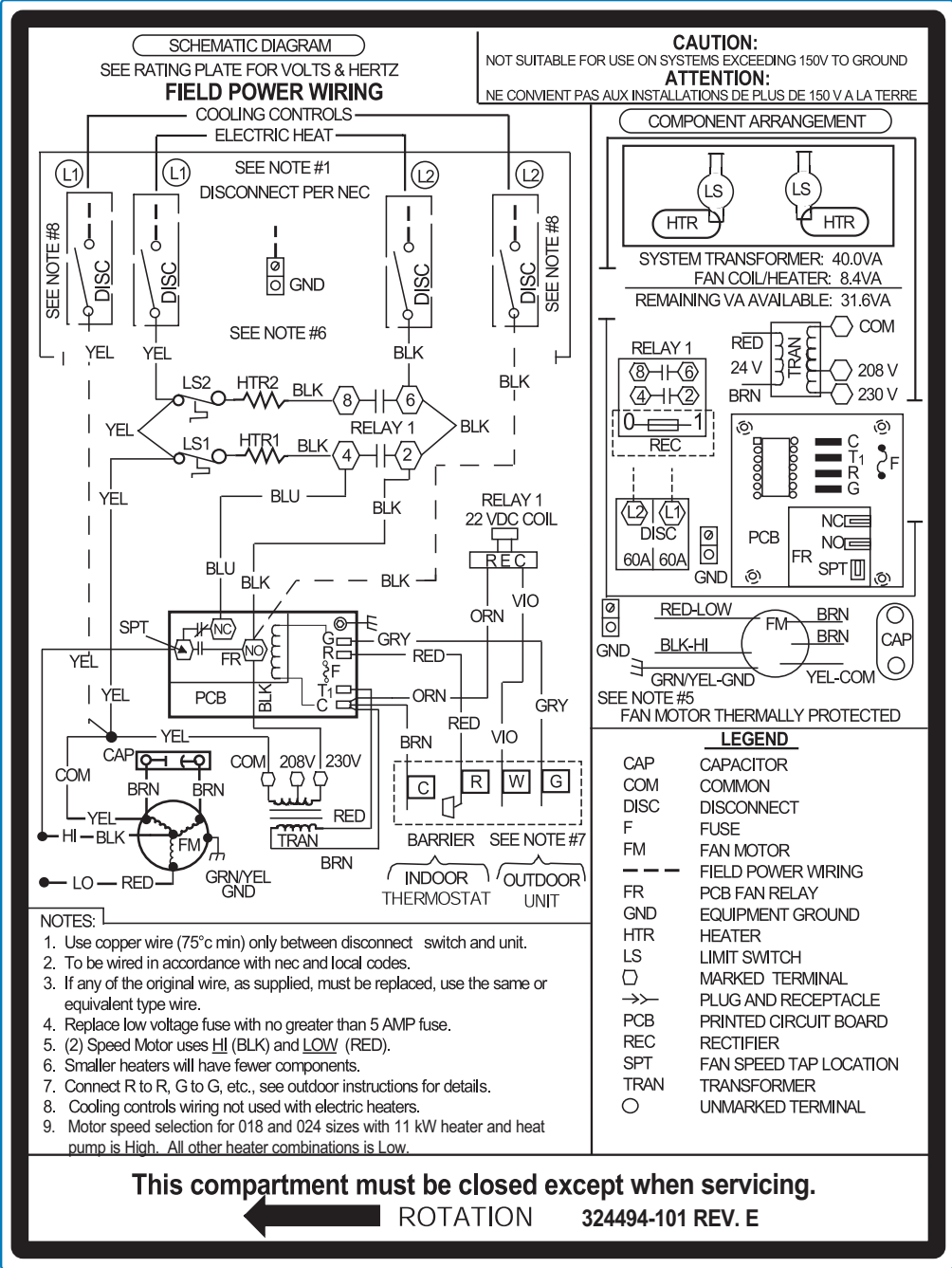
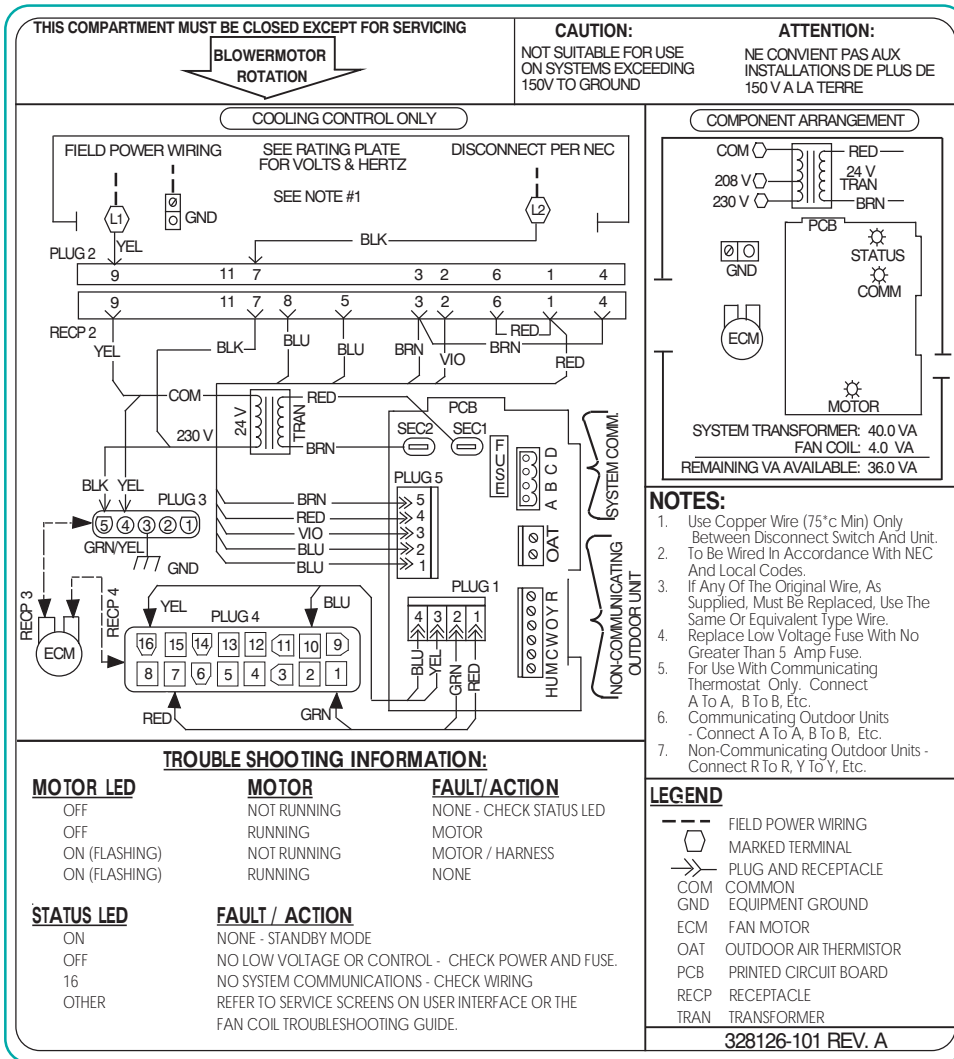


Fig. 13 - 324494-101

A07012



WD-FA4C

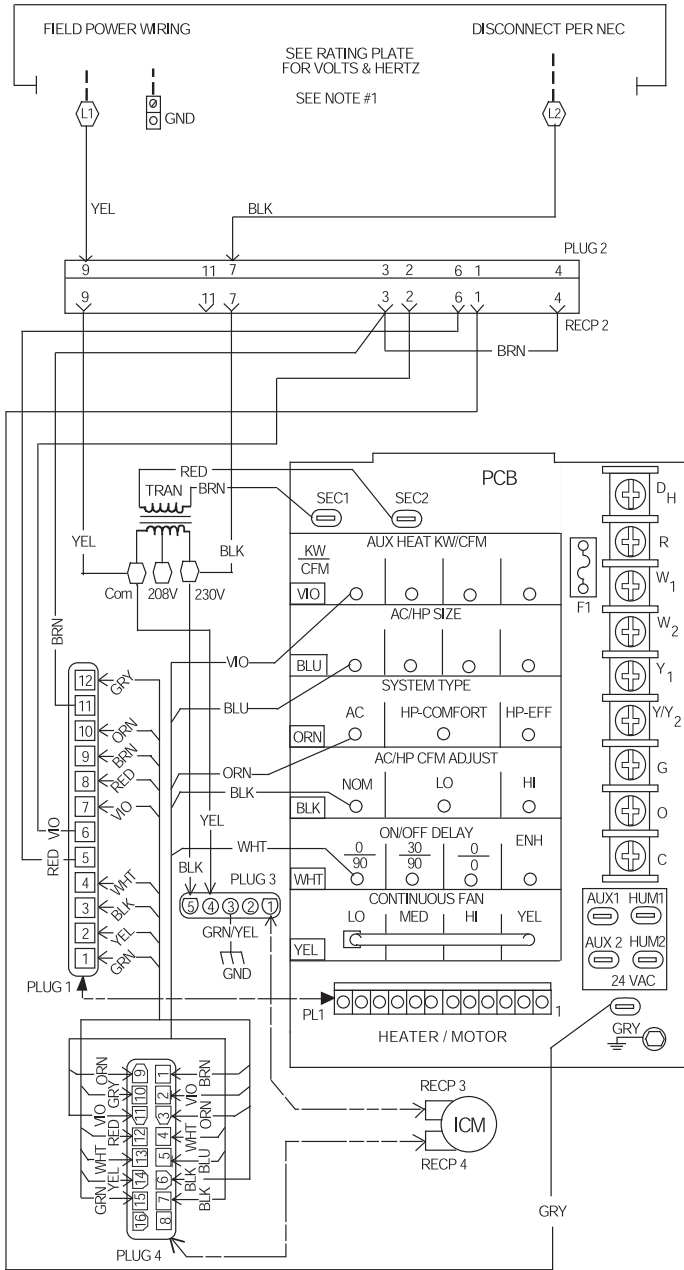
Fig. 14 - 328126-101

A07026

THIS COMPARTMENT MUST BE CLOSED EXCEPT FOR SERVICING

BLOWER MOTOR ROTATION

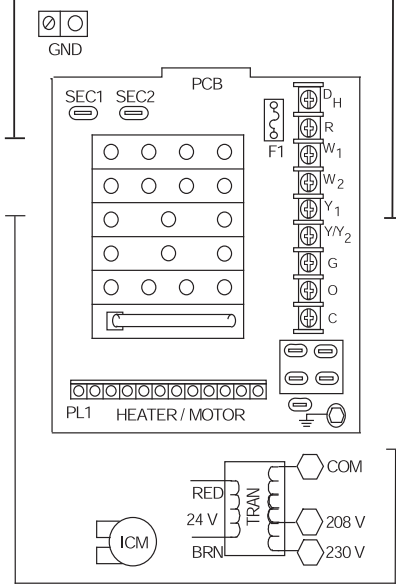
COOLING ONLY SCHEMATIC DIAGRAM



LEGEND

- FIELD POWER WIRING
- ⬢ MARKED TERMINAL
- ⊞ PLUG AND RECEPTACLE
- COM COMMON
- F1 LOW VOLTAGE FUSE
- GND EQUIPMENT GROUND
- ICM FAN MOTOR
- PCB PRINTED CIRCUIT BOARD
- RECP RECEPTACLE
- TRAN TRANSFORMER

COMPONENT ARRANGEMENT

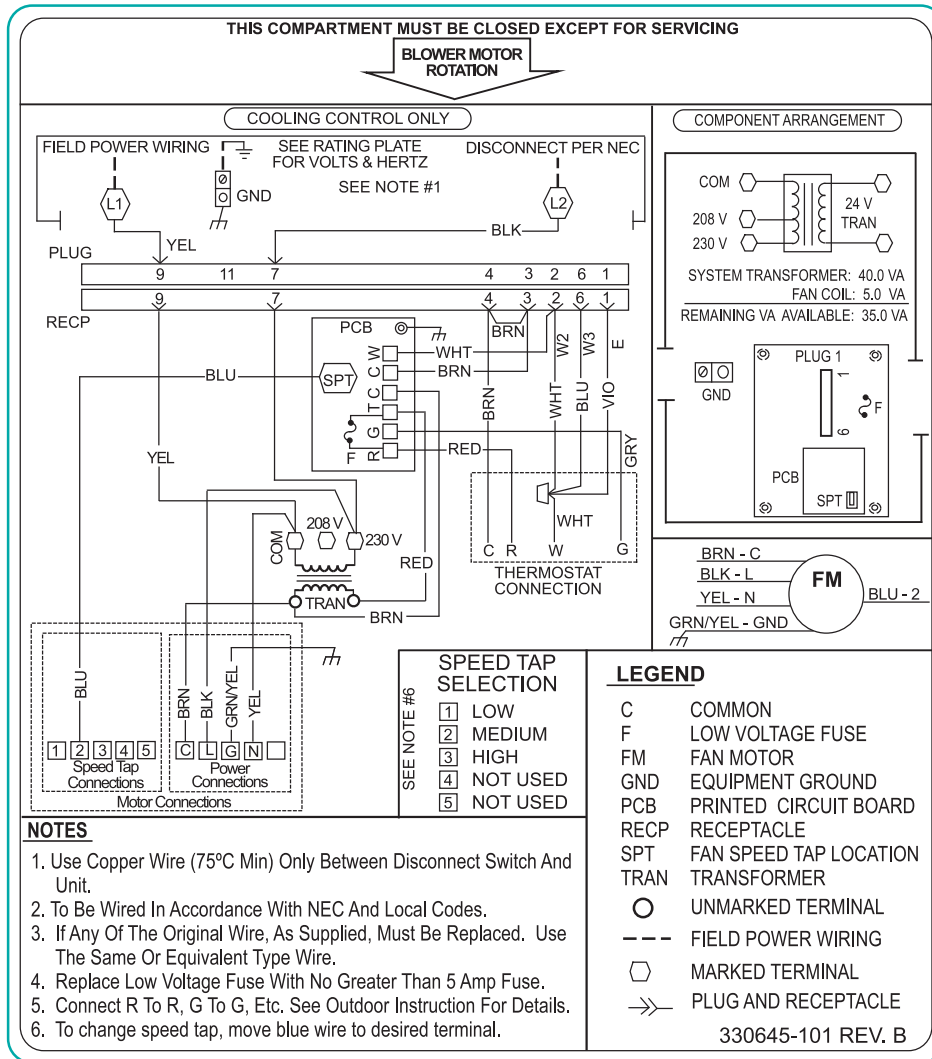


NOTES:

1. USE COPPER WIRE (75°C MIN) ONLY BETWEEN DISCONNECT SWITCH AND UNIT.
2. TO BE WIRED IN ACCORDANCE WITH N.E.C. AND LOCAL CODES.
3. TRANSFORMER PRIMARY LEADS, BLUE 208V, RED 230V.
4. IF ANY OF THE ORIGINAL WIRE, AS SUPPLIED, MUST BE REPLACED, USE THE SAME OR EQUIVALENT TYPE WIRE.
5. REPLACE LOW VOLTAGE FUSE WITH NO GREATER THAN 5 AMP FUSE.
7. USE 60 AMP CLASS K FUSES ONLY, FOR REPLACEMENT.
8. CONNECT R TO R, G TO G, ETC., SEE OUTDOOR INSTRUCTION FOR DETAILS.

326014-101 REV. D

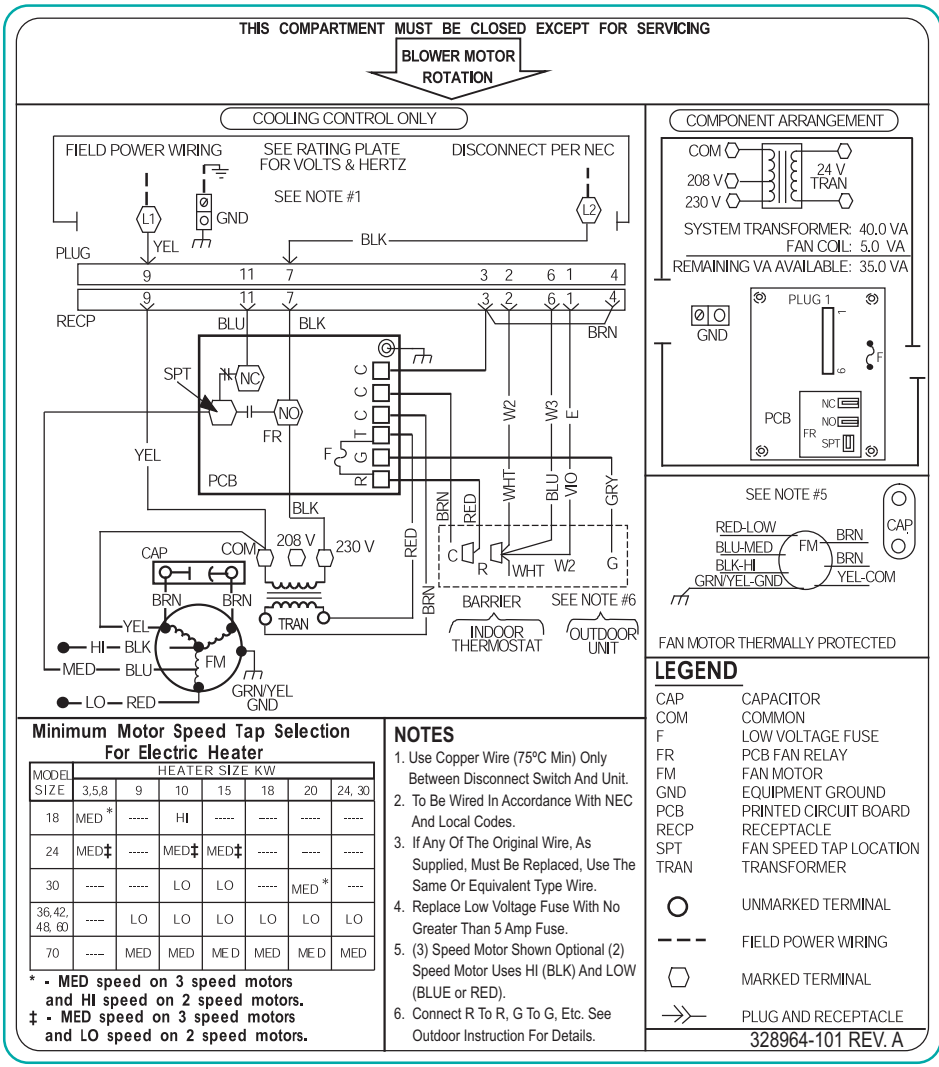
Fig. 15 - 326014-101



WD-FA4C

Fig. 16 - 330645-101

A07028



Minimum Motor Speed Tap Selection For Electric Heater

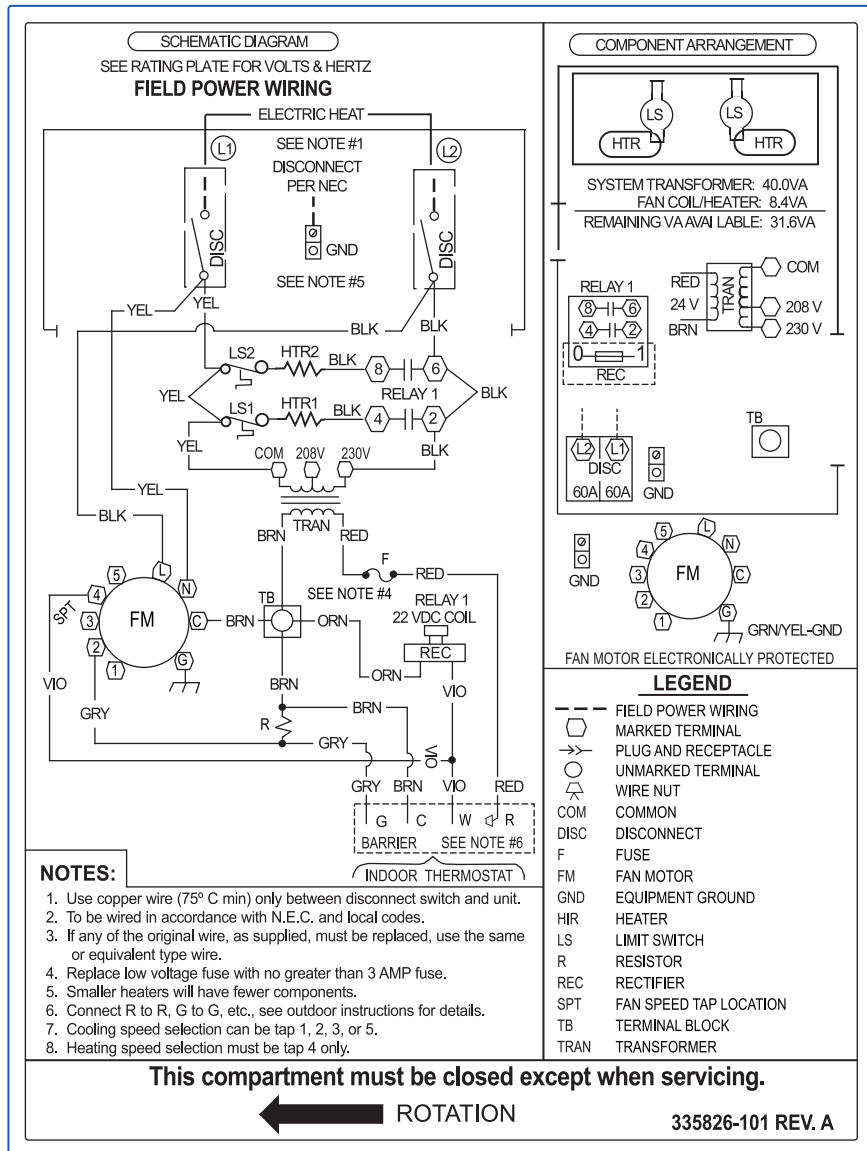
MODEL SIZE	HEATER SIZE KW						
	3.5,8	9	10	15	18	20	24, 30
18	MED *	----	HI	----	----	----	----
24	MED ‡	----	MED ‡	MED ‡	----	----	----
30	----	----	LO	LO	----	MED *	----
36, 42, 48, 60	----	LO	LO	LO	LO	LO	LO
70	----	MED	MED	MED	MED	MED	MED

* - MED speed on 3 speed motors and HI speed on 2 speed motors.
‡ - MED speed on 3 speed motors and LO speed on 2 speed motors.

NOTES

1. Use Copper Wire (75°C Min) Only Between Disconnect Switch And Unit.
2. To Be Wired In Accordance With NEC And Local Codes.
3. If Any Of The Original Wire, As Supplied, Must Be Replaced, Use The Same Or Equivalent Type Wire.
4. Replace Low Voltage Fuse With No Greater Than 5 Amp Fuse.
5. (3) Speed Motor Shown Optional (2) Speed Motor Uses HI (BLK) And LOW (BLU or RED).
6. Connect R To R, G To G, Etc. See Outdoor Instruction For Details.

Fig. 17 - 328964-101



WD-FA4C

Fig. 18 - 335826-101

A09212

