

# FAN COILS ACCESSORY ELECTRIC HEATERS

## WIRING DIAGRAMS

| FIG. | FIELD-<br>INSTALLED HEATER<br>MODEL | FB4C  | FE4A/FE5A | FH4C    | FV4C    | FX4D  | FY5B  | FZ4A  | PF4MA       | PF4MB | LABEL                     |
|------|-------------------------------------|-------|-----------|---------|---------|-------|-------|-------|-------------|-------|---------------------------|
| 1    | KFCEH0401N03A                       | 18,24 | x         | 001     | x       | 19,25 | 18,24 | 24    | 18,19,24,25 | x     | 340816-101                |
| 1    | KFCEH0501N05A                       | 18-60 | 002-006   | 001-002 | 002-006 | 19-61 | 18-60 | 24-61 | 18-61       | 19-61 | 340816-101                |
| 2    | KFCEH0801N08A                       | 18-60 | 002-006   | 001-003 | 002-006 | 19-61 | 18-60 | 24-61 | 18-61       | 19-61 | 340817-101                |
| 2    | KFCEH0901N10A                       | 18-60 | 002-006   | 001-004 | 002-006 | 19-61 | 18-60 | 24-61 | 18-61       | 19-61 | 340817-101                |
| 6    | KFCEH1601315A                       | 42-60 | 002-006   | 001-004 | 002-006 | 43-61 | 18-60 | 48-61 | 18-61       | 19-61 | 340819-101                |
| 7    | KFCEH2001318A                       | 42-60 | 003-006   | 001-004 | 002-006 | 43-61 | 42-60 | 48-61 | 42-61       | 37-61 | 340818-101                |
| 1    | KFCEH2401C05A                       | 18-60 | 002-006   | 001-002 | 002-006 | 19-61 | 18-60 | 24-61 | 18-61       | 19-61 | 340816-101                |
| 2    | KFCEH2501C08A                       | 18-60 | 002-006   | 001-003 | 002-006 | 19-61 | 18-60 | 24-61 | 18-61       | 19-61 | 340817-101                |
| 2    | KFCEH2601C10A                       | 18-60 | 002-006   | 001-004 | 002-006 | 19-61 | 18-60 | 24-61 | 18-61       | 19-61 | 340817-101                |
| 3    | KFCEH2901N09A                       | 36-60 | 002-006   | 003-004 | 002-006 | 37-61 | 36-60 | 36-61 | 36-60       | 31-61 | 340813-101                |
| 4    | KFCEH3001F15A                       | 24-60 | 002-006   | 001-004 | 002-006 | 25-61 | 24-60 | 24-61 | 24-61       | 19-61 | 340814-101                |
| 4    | KFCEH3101C15A                       | 24-60 | 002-006   | 001-004 | 002-006 | 25-61 | 24-60 | 24-61 | 24-61       | 19-61 | 340814-101                |
| 5    | KFCEH3201F20A                       | 30-60 | 002-006   | 002-004 | 002-006 | 31-61 | 30-60 | 36-61 | 30-61       | 19-61 | 340815-101                |
| 5    | KFCEH3301C20A                       | 30-60 | 002-006   | 002-004 | 002-006 | 31-61 | 30-60 | 36-61 | 30-61       | 19-61 | 340815-101                |
| 8,9  | KFCEH3401F24A                       | 48,60 | 004-006   | 003-004 | 005-006 | 49-61 | 48-60 | 48-61 | 48-61       | 49-61 | 340821-101,<br>340820-101 |
| 8,9  | KFCEH3501F30A                       | 48,60 | 004-006   | 003-004 | 005-006 | 49-61 | 48-60 | 48-61 | 48-61       | 49-61 | 340821-101<br>340820-101  |

### FAN COIL WITH RBC X-13 MOTOR OR BROAD OCEAN DIGI MOTOR

| FIG. | FACTORY-INSTALLED HEATER MODEL | FB4C  | FX4D  | FZ4A  | LABEL      |
|------|--------------------------------|-------|-------|-------|------------|
| 11   | MKFCEH0501N05A                 | 18,24 | 19,25 | --    | 341018-101 |
| 10   | MKFCEH0801N08A                 | 18,30 | 31    | --    | 341017-101 |
| 10   | MKFCEH0901N10A                 | 24-48 | 37-61 | --    |            |
| 12   | MKFCEH3001F15A                 | 36-60 | 61    | --    | 341019-101 |
| 29   | MKFCEH3001F05A                 | --    | --    | 24    | 342100-101 |
| 30   | MKFCEH3001F08A                 | --    | --    | 36,48 | 342106-101 |
|      | MKFCEH3001F10A                 | --    | --    |       |            |
| 31   | MKFCEH3001F15A                 | --    | --    | 60,61 | 342105-101 |

### FAN COIL WITH COOLING ONLY CONTROL

| FIG. | MODEL           | SIZE                 | LABEL      |
|------|-----------------|----------------------|------------|
| 13   | FV4C            | 002-006              | 326014-101 |
| 14   | FE4A/FE5A       | 002-006              | 333107-101 |
| 15   | FY5B/PF4MNA     | 18-60                | 328964-101 |
| 15   | FH4C            | 001-004              | 328964-101 |
| 16   | FB4C/FX4D (RBC) | 18-61                | 336228-101 |
| 16   | PF4MNA/B        | 19,25,31,37,43,49,61 | 336228-101 |
| 17   | FB4C/FX4D (BOM) | 18-61                | 337519-101 |
| 32   | FZ4A            | 24-61                | 342099-101 |

# **ELECTRIC HEATERS**

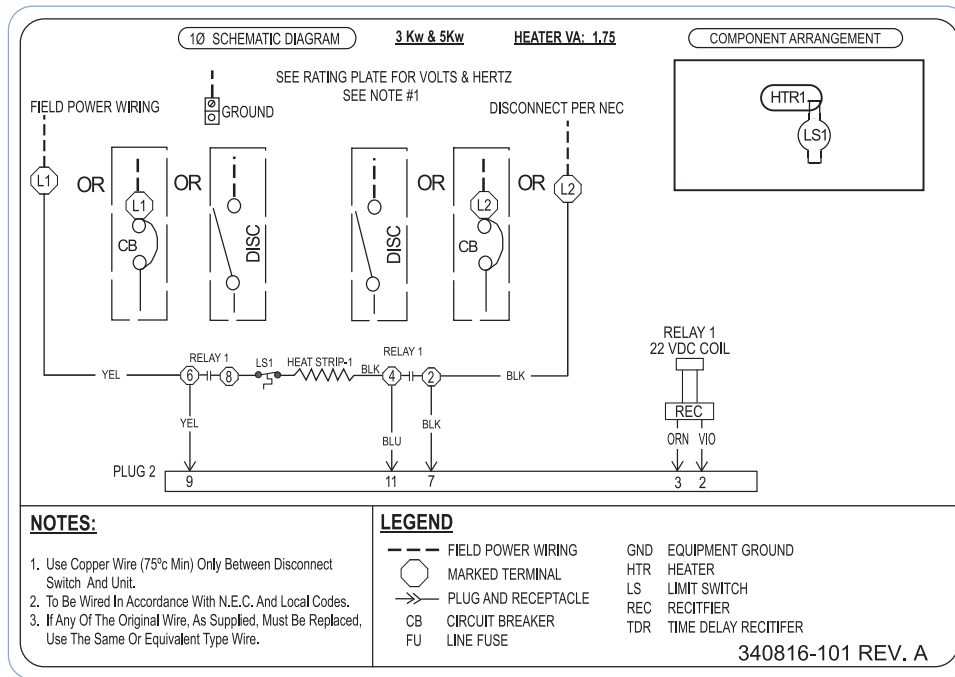
| FIG. | HEATER MODEL  | FF1E        | LABEL      |
|------|---------------|-------------|------------|
| 18   | KFDEH0801D05A | 18,24,30,36 | 341080-101 |
| 19   | KFDEH0901D75A | 18,24,30,36 | 341081-101 |
| 19   | KFDEH1001D11A | 18,24,30,36 | 341081-101 |
| 20   | KFEEH0101D05A | 19,25,31,37 | 341082-101 |
| 21   | KFEEH0201D75A | 19,25,31,37 | 341083-101 |
| 21   | KFEEH0301D11A | 19,25,31,37 | 341083-101 |

| FIG. | HEATER MODEL | CONTROL TYPE   | FFMA                                                      | LABEL        |
|------|--------------|----------------|-----------------------------------------------------------|--------------|
| 22   | EHK2-05B     | Sequencer - HS | 18,24,30,36<br>Prior to serial number<br>date code 1715V. | 202070290385 |
| 22   | EHK2-08B     | Sequencer - HS | 18,24,30,36<br>Prior to serial number<br>date code 1715V. | 202070290385 |
| 22   | EHK2-10B     | Sequencer - HS | 18,24,30,36<br>Prior to serial number<br>date code 1715V. | 202070290385 |
| 23   |              |                | 18-37<br>Serial number date<br>code 1715V and later.      | 2020702A717  |
| 24   | EHK2-05B     | Relay - HR     | 18-37                                                     | 06-7094-02   |
| 24   | EHK2-08B     | Relay - HR     | 18-37                                                     | 06-7094-02   |
| 24   | EHK2-10B     | Relay - HR     | 18-37                                                     | 06-7094-02   |

| FIG. | FFMA  | LABEL |
|------|-------|-------|
| 25   | 19,31 | --    |
| 26   | 25,37 | --    |

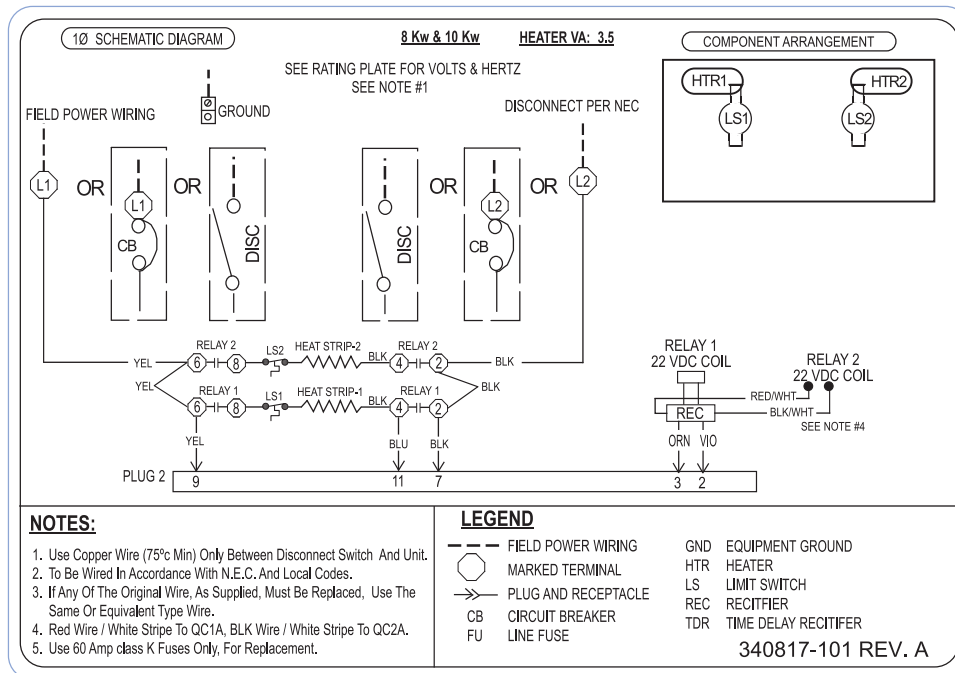
| FIG. | FPM(A,B)N(C,U)             | LABEL                                                     |
|------|----------------------------|-----------------------------------------------------------|
| 27   | ALL                        | 202070290388<br>Valid for models FPM(A,B)N(C,U)0**000AAAA |
| 27   | FPMA with Time Delay Board | 2020702A2016<br>Valid for models FPM(A,B)N(C,U)0**000ABAA |

| FIG. | HEATER MODEL | FPMAN(C,U) | FPMBN(C,U) | LABEL      |
|------|--------------|------------|------------|------------|
| 28   | EHK3-05B     | 18-36      | 18-30      | 06-7094-03 |
| 28   | EHK3-08B     | 18-36      | 18-30      | 06-7094-03 |
| 28   | EHK3-10B     | 18-36      | 18-30      | 06-7094-03 |



**Fig. 1 - 340816-101**

A150105



**Fig. 2 - 340817-101**

A150106

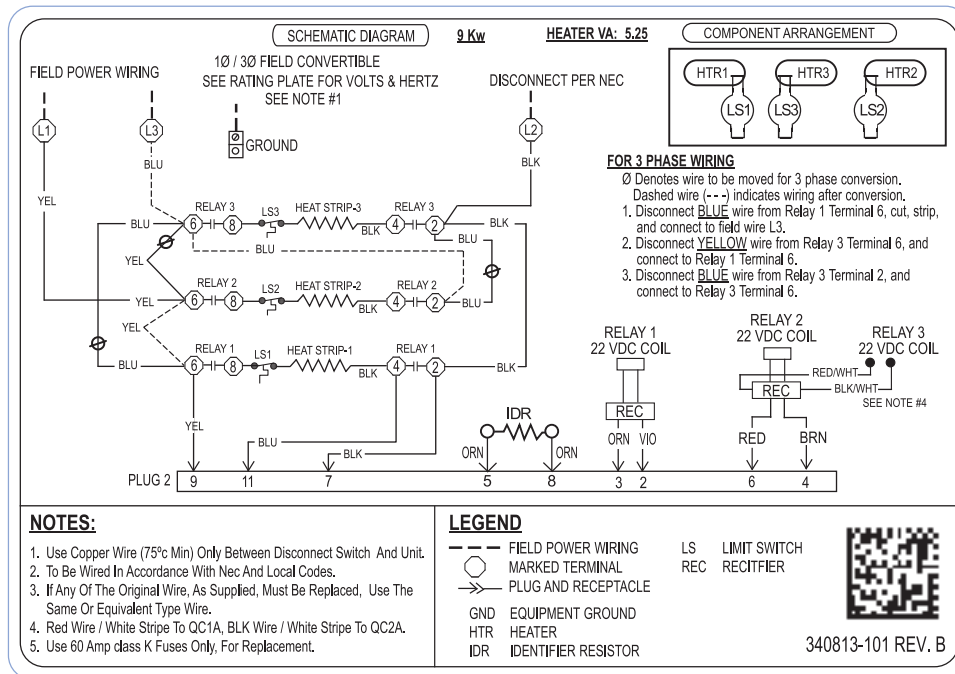


Fig. 3 - 340813-101

A150102

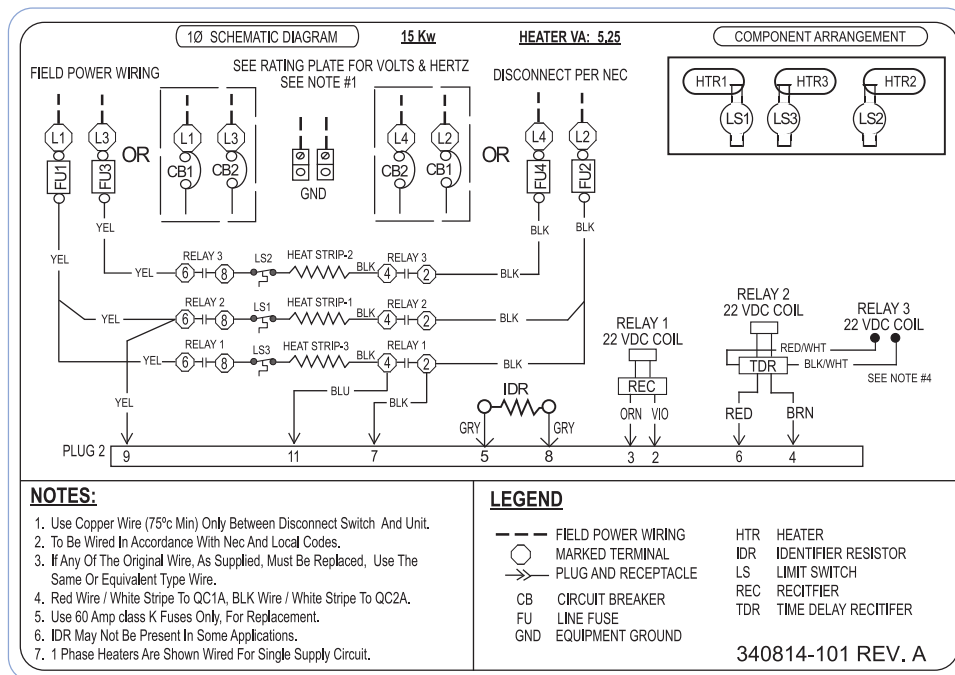


Fig. 4 - 340814-101

A150103

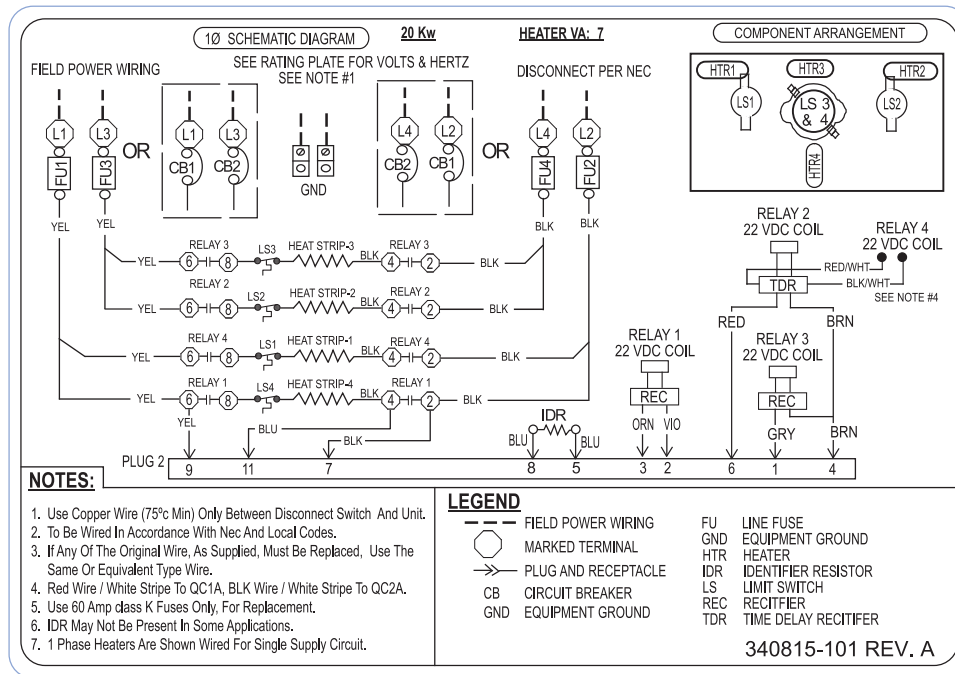


Fig. 5 - 340815-101

A150104

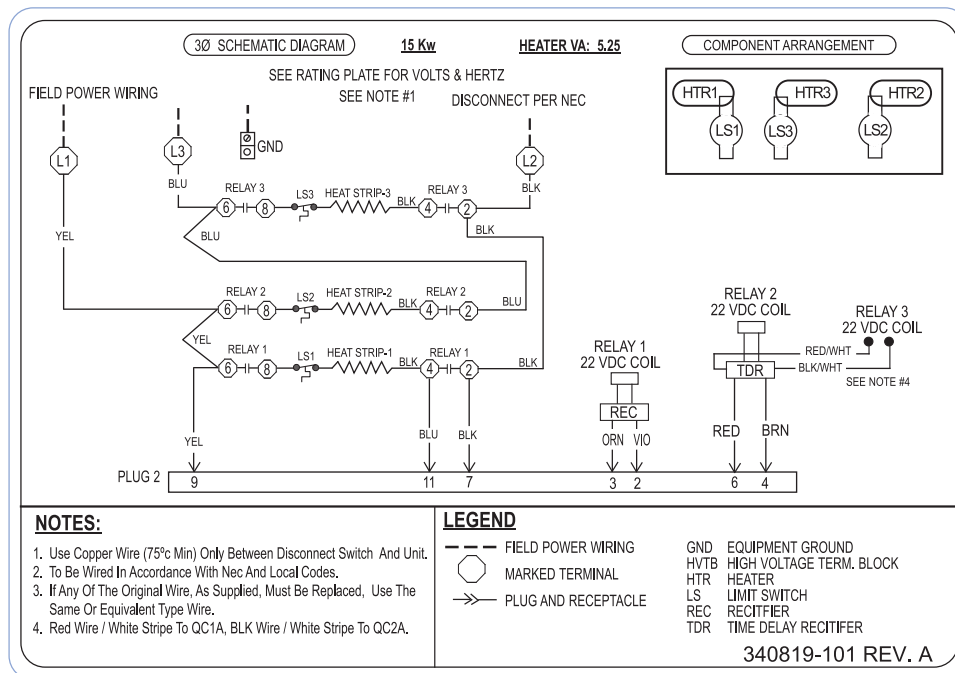


Fig. 6 - 340819-101

A150108

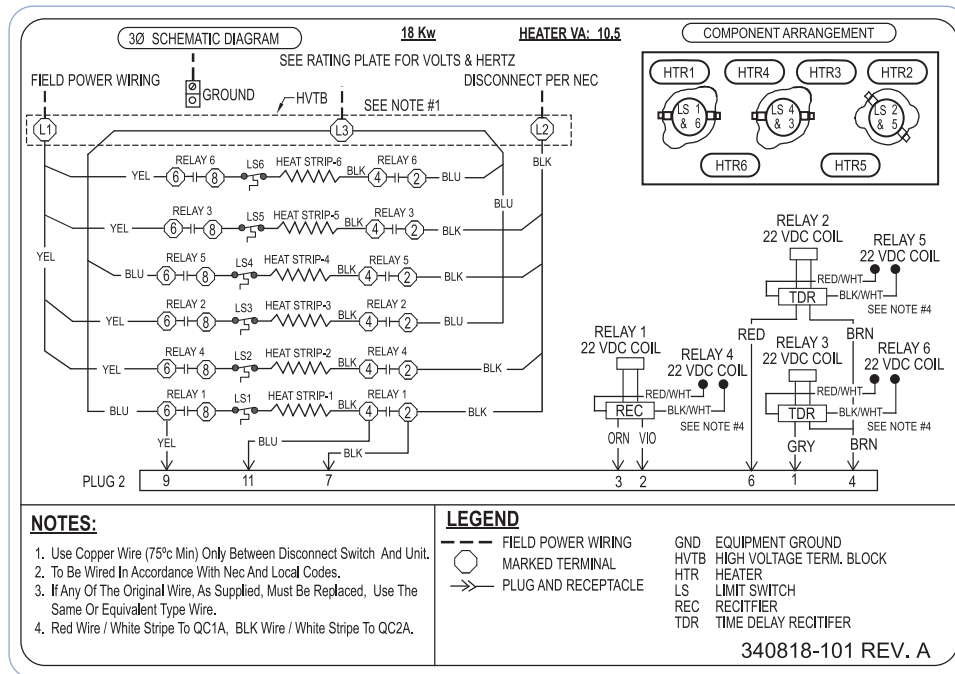


Fig. 7 - 340818-101

A150107

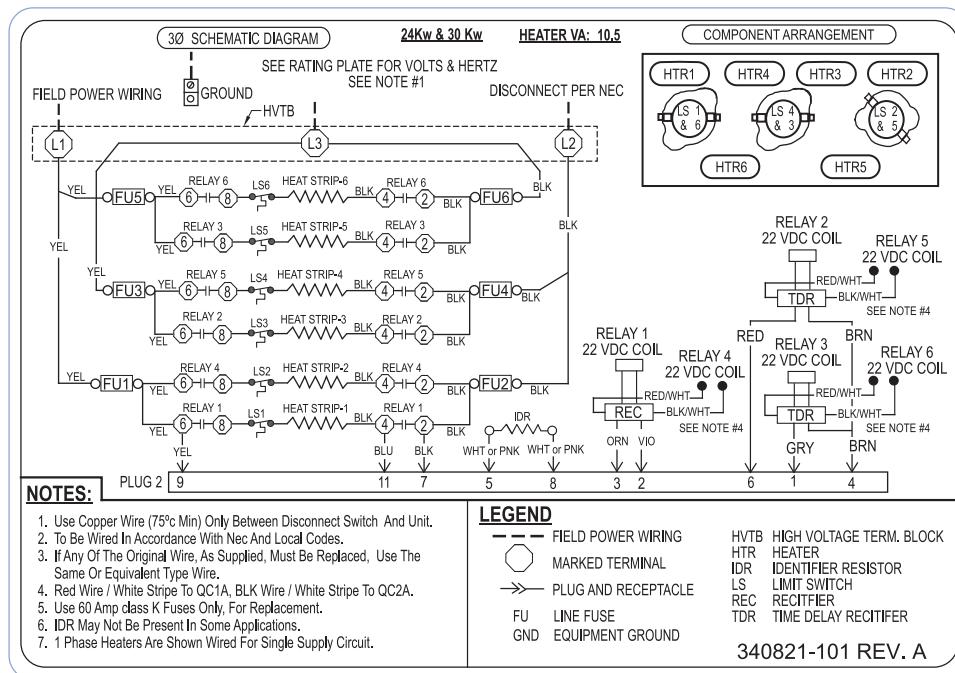
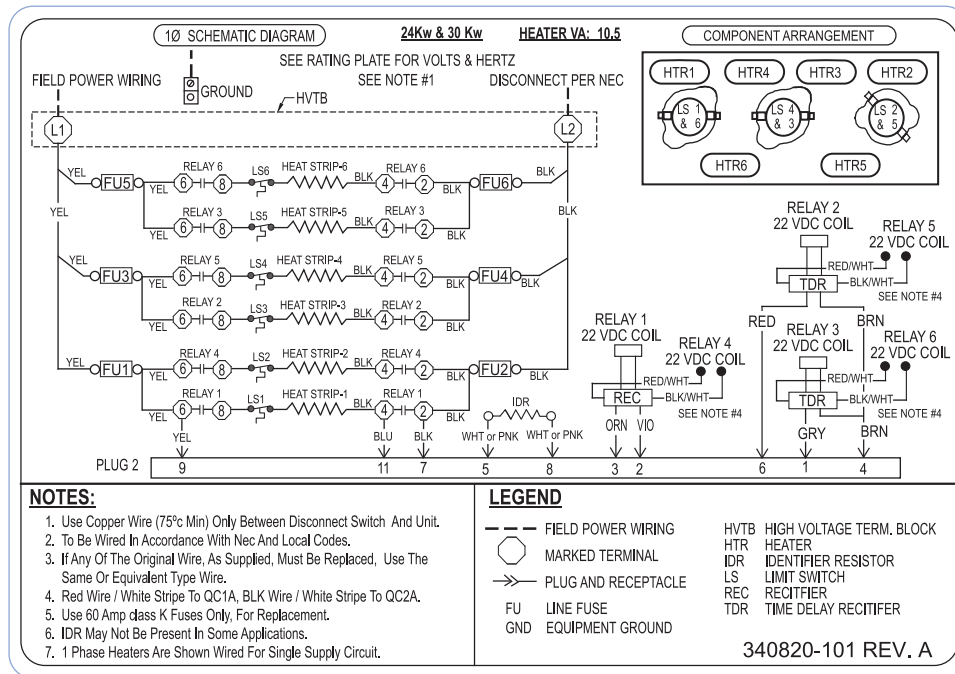


Fig. 8 - 340821-101

A150109



**Fig. 9 - 340820-101**

A150110





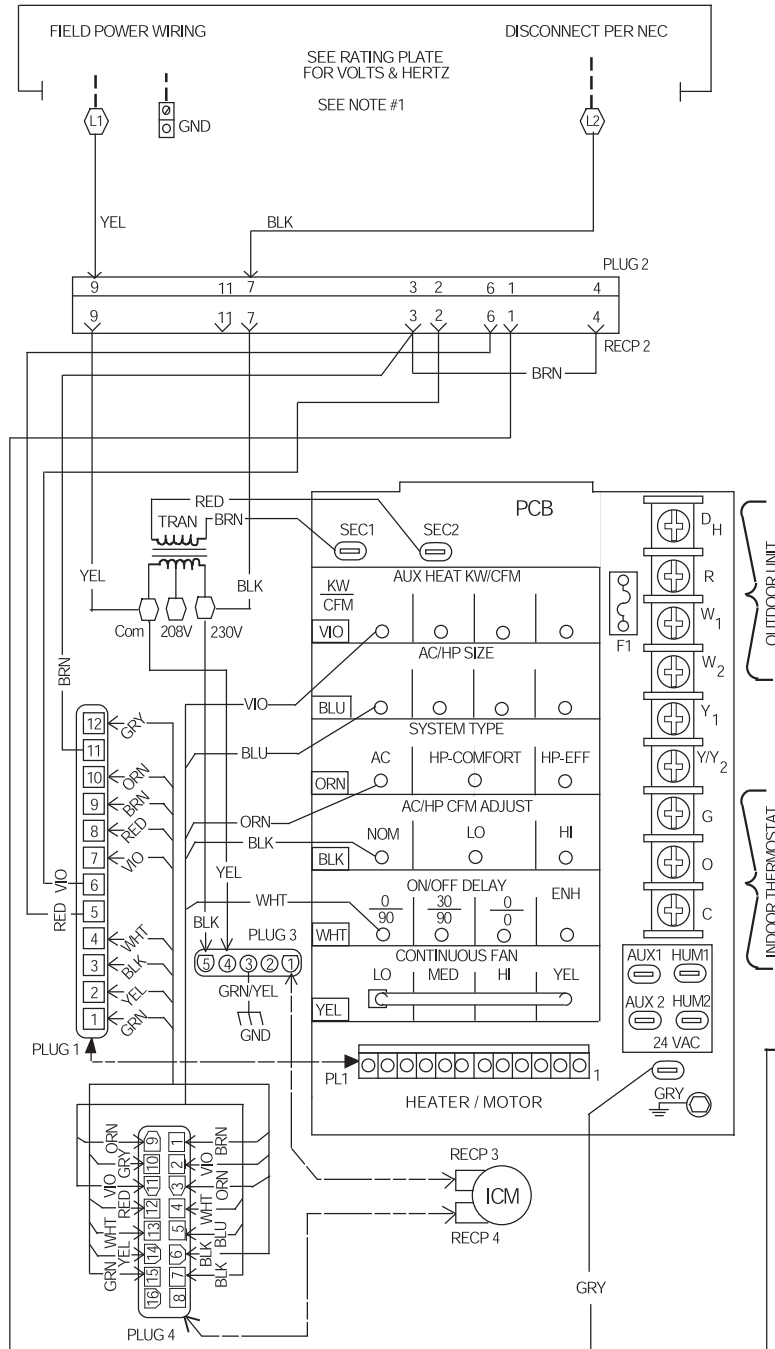




**THIS COMPARTMENT MUST BE  
CLOSED EXCEPT FOR SERVICING**

**BLOWER MOTOR  
ROTATION**

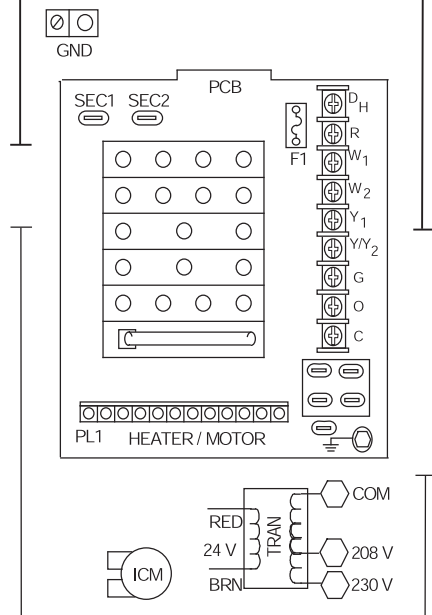
**COOLING ONLY SCHEMATIC DIAGRAM**



**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. 13 - 326014-101**

A07029

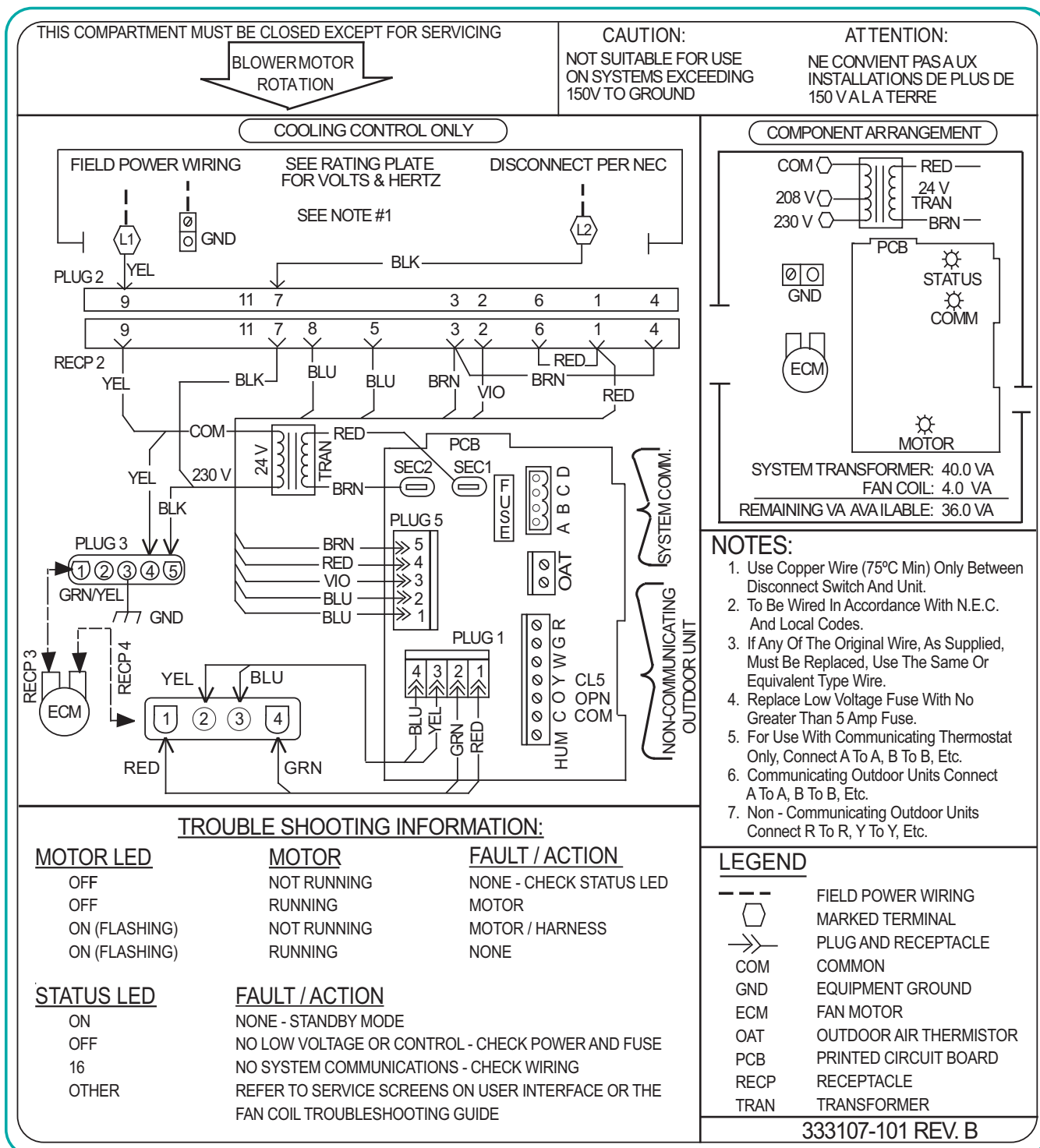
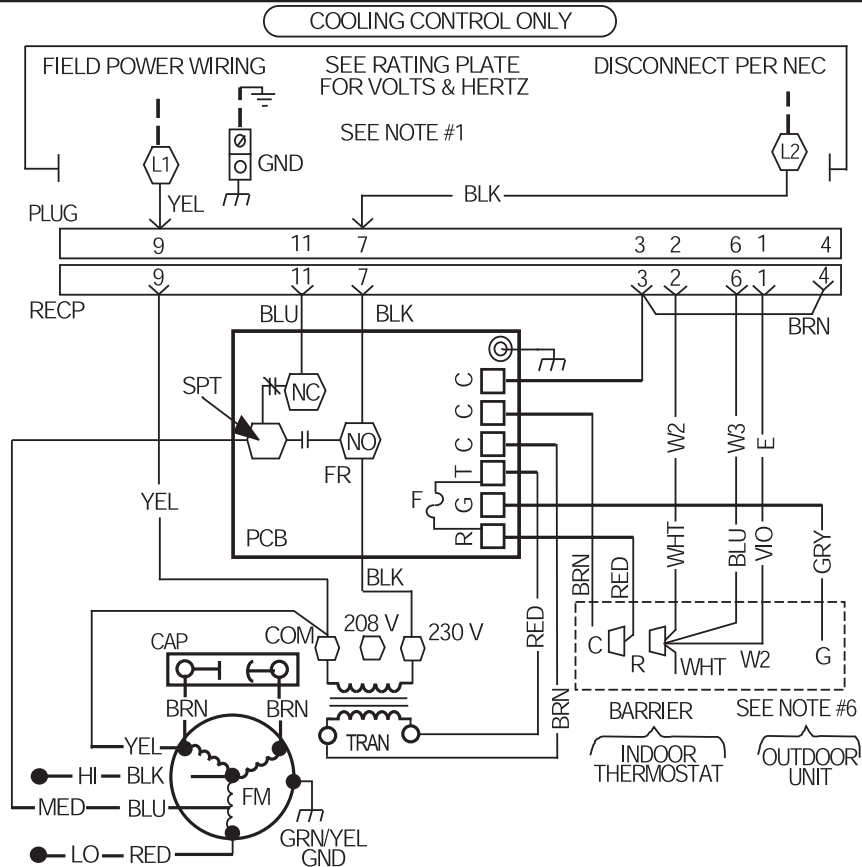


Fig. 14 - 333107-101

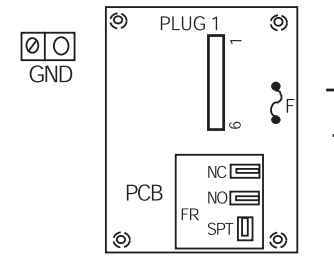
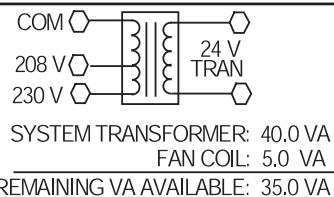
A12363

THIS COMPARTMENT MUST BE CLOSED EXCEPT FOR SERVICING

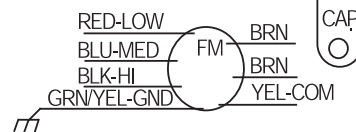
BLOWER MOTOR  
ROTATION



#### COMPONENT ARRANGEMENT



SEE NOTE #5



FAN MOTOR THERMALLY PROTECTED

#### LEGEND

|      |                        |
|------|------------------------|
| CAP  | CAPACITOR              |
| COM  | COMMON                 |
| F    | LOW VOLTAGE FUSE       |
| FR   | PCB FAN RELAY          |
| FM   | FAN MOTOR              |
| GND  | EQUIPMENT GROUND       |
| PCB  | PRINTED CIRCUIT BOARD  |
| RECP | RECEPTACLE             |
| SPT  | FAN SPEED TAP LOCATION |
| TRAN | TRANSFORMER            |

|     |                     |
|-----|---------------------|
| ○   | UNMARKED TERMINAL   |
| --- | FIELD POWER WIRING  |
| ◻   | MARKED TERMINAL     |
| →→  | PLUG AND RECEPTACLE |

328964-101 REV. A

#### Minimum Motor Speed Tap Selection For Electric Heater

| MODEL<br>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,<br>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

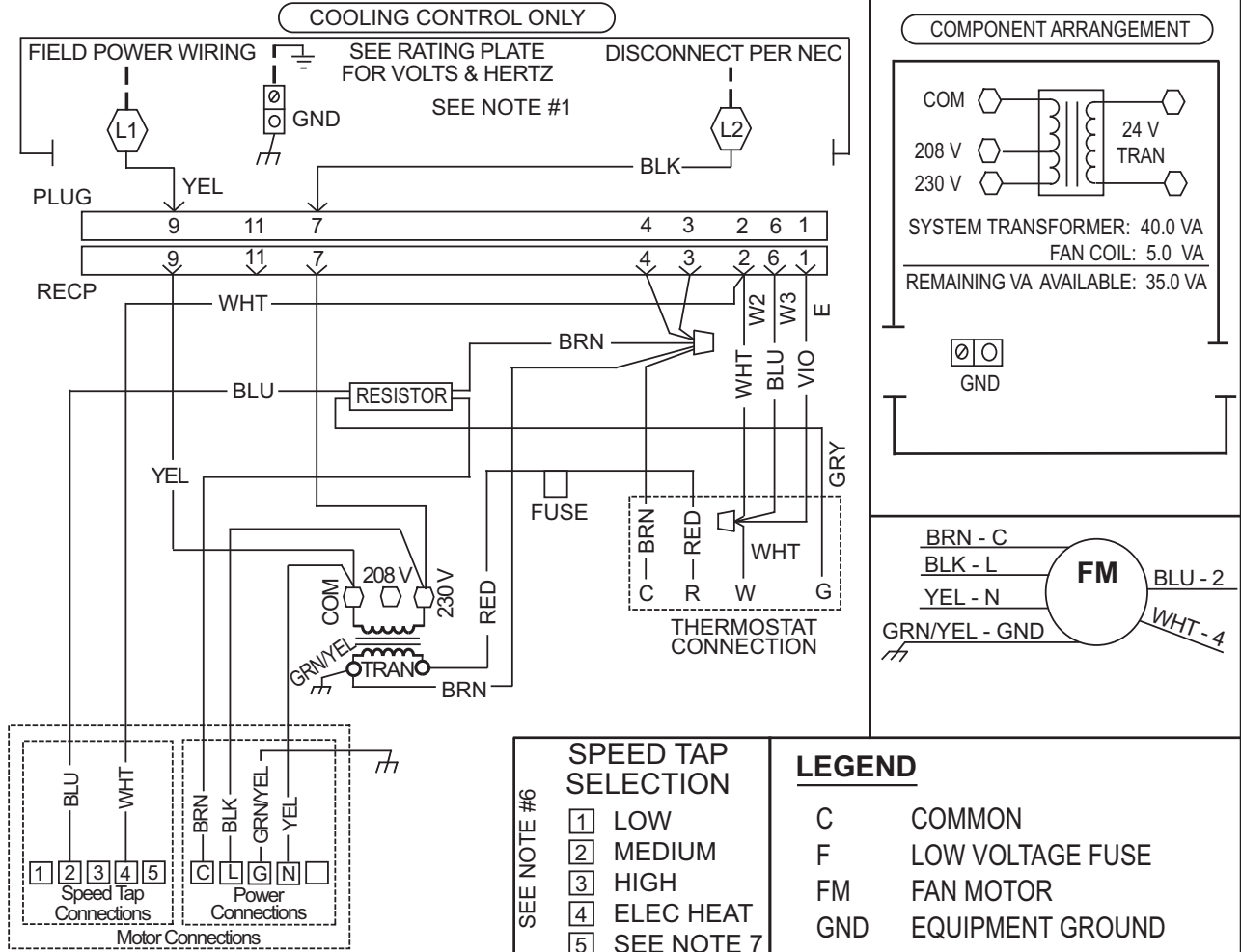
1. Use Copper Wire (75°C Min) Only Between Disconnect Switch And Unit.
2. To Be Wired In Accordance With NEC And Local Codes.
3. If Any Of The Original Wire, As Supplied, Must Be Replaced, Use The Same Or Equivalent Type Wire.
4. Replace Low Voltage Fuse With No Greater Than 5 Amp Fuse.
5. (3) Speed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

Fig. 15 - 328964-101

A07027

THIS COMPARTMENT MUST BE CLOSED EXCEPT FOR SERVICING

BLOWER MOTOR  
ROTATION



## 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. Connect R To R, G To G, Etc. See Outdoor Instruction For Details.
6. To change speed tap, move blue wire to desired terminal.
7. See airflow tables for tap usage.

**SPEED TAP SELECTION**

|   |            |
|---|------------|
| 1 | LOW        |
| 2 | MEDIUM     |
| 3 | HIGH       |
| 4 | ELEC HEAT  |
| 5 | SEE NOTE 7 |

SEE NOTE #6

## LEGEND

|      |                        |
|------|------------------------|
| C    | COMMON                 |
| F    | LOW VOLTAGE FUSE       |
| FM   | FAN MOTOR              |
| GND  | EQUIPMENT GROUND       |
| RECP | RECEPTACLE             |
| SPT  | FAN SPEED TAP LOCATION |
| TRAN | TRANSFORMER            |
| ○    | UNMARKED TERMINAL      |
| ---  | FIELD POWER WIRING     |
| ◡    | MARKED TERMINAL        |
| →    | PLUG AND RECEPTACLE    |

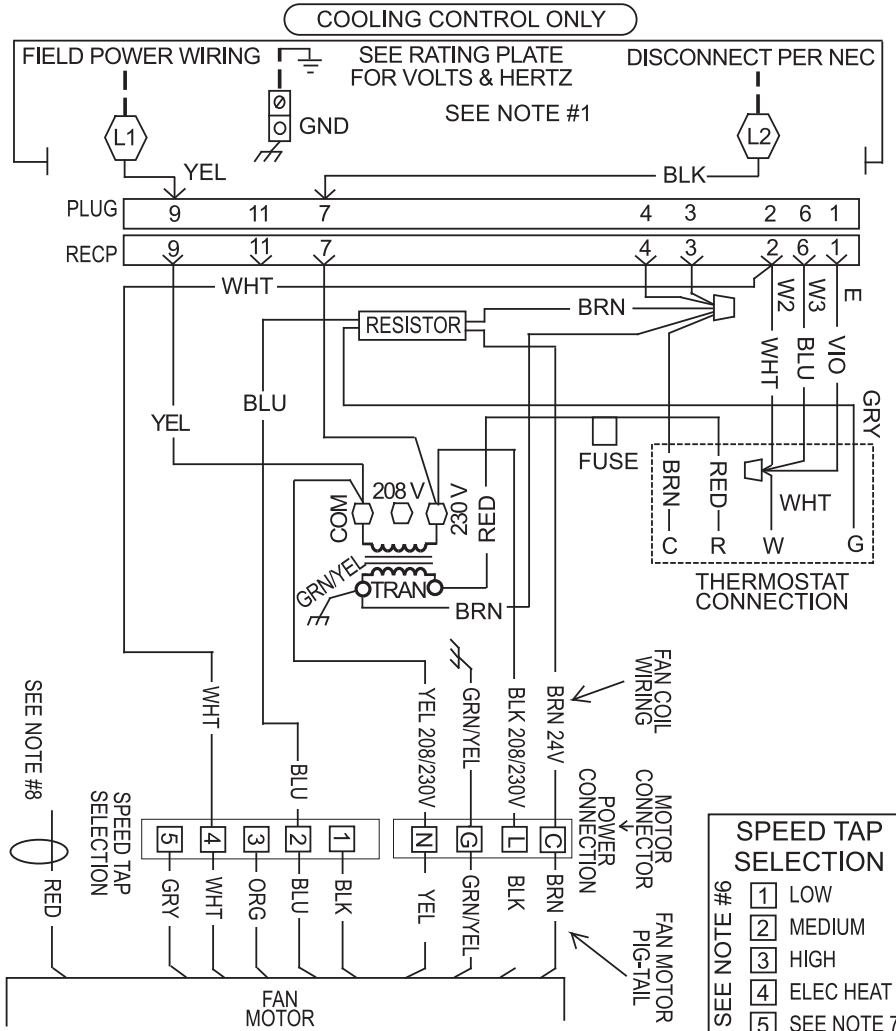
336228-101 REV. A

Fig. 16 - 336228-101

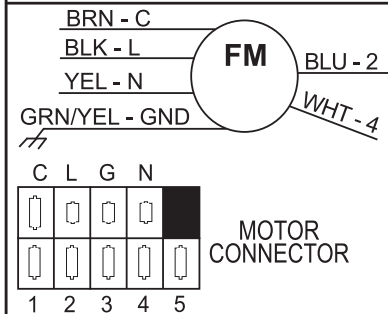
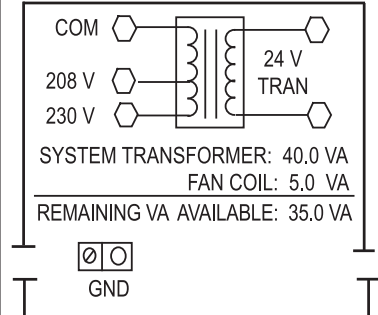
A12364

THIS COMPARTMENT MUST BE CLOSED EXCEPT FOR SERVICING

BLOWER MOTOR  
ROTATION



#### COMPONENT ARRANGEMENT



#### LEGEND

|      |                        |
|------|------------------------|
| C    | COMMON                 |
| F    | LOW VOLTAGE FUSE       |
| FM   | FAN MOTOR              |
| GND  | EQUIPMENT GROUND       |
| RECP | RECEPTACLE             |
| SPT  | FAN SPEED TAP LOCATION |
| TRAN | TRANSFORMER            |
| ○    | UNMARKED TERMINAL      |
| ---  | FIELD POWER WIRING     |
| ⬢    | MARKED TERMINAL        |
| →    | PLUG AND RECEPTACLE    |

#### 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. Connect R To R, G To G, Etc. See Outdoor Instruction For Details.
6. To Change Speed Tap, Move Blue Wire To Desired Terminal.
7. See Airflow Tables For Tap Usage.
8. Factory wires may be present. DO NOT USE

337519-101 REV. B



Fig. 17 - 337519-101

A12365

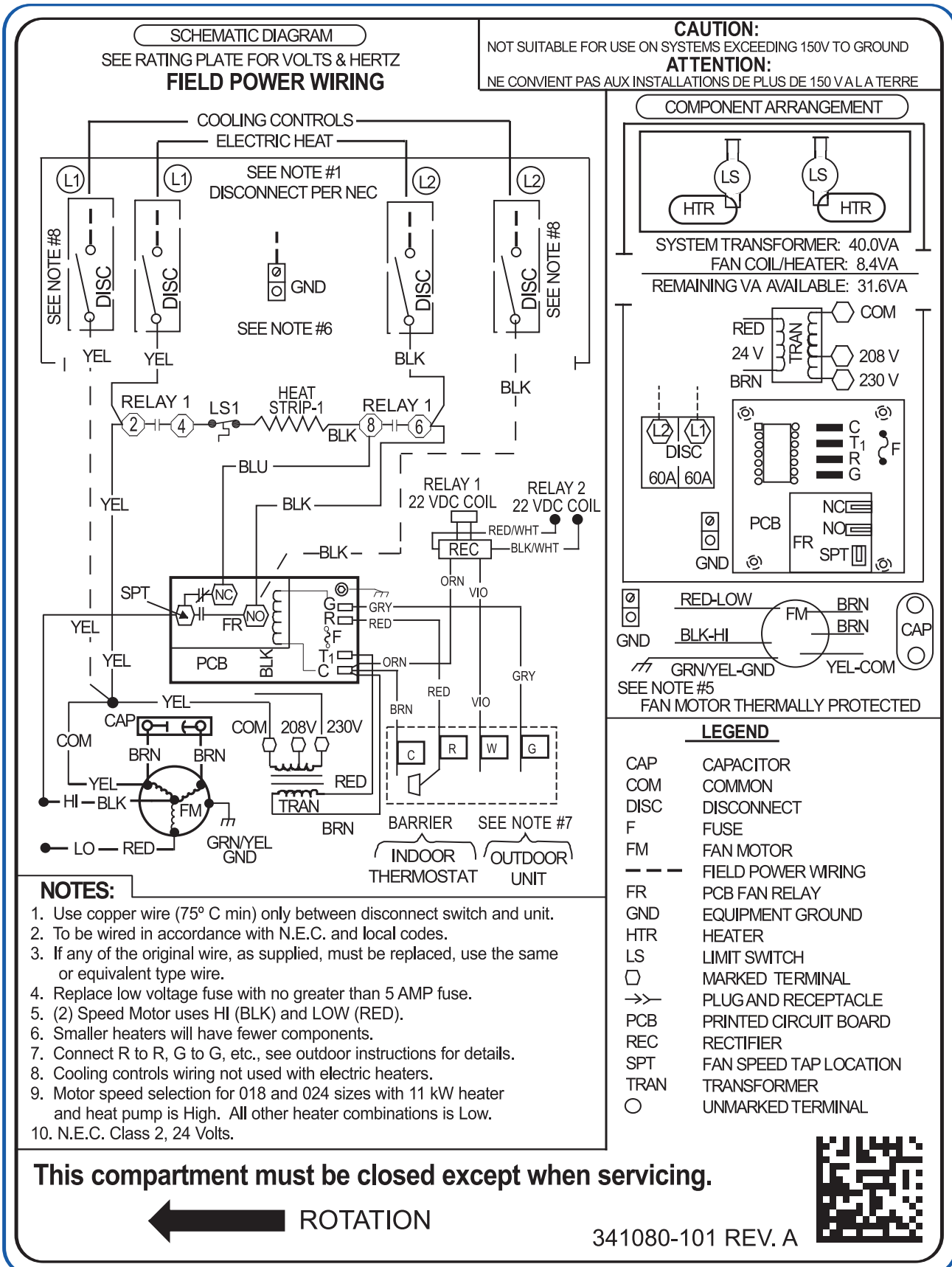


Fig. 18 - 341080-101

A150114



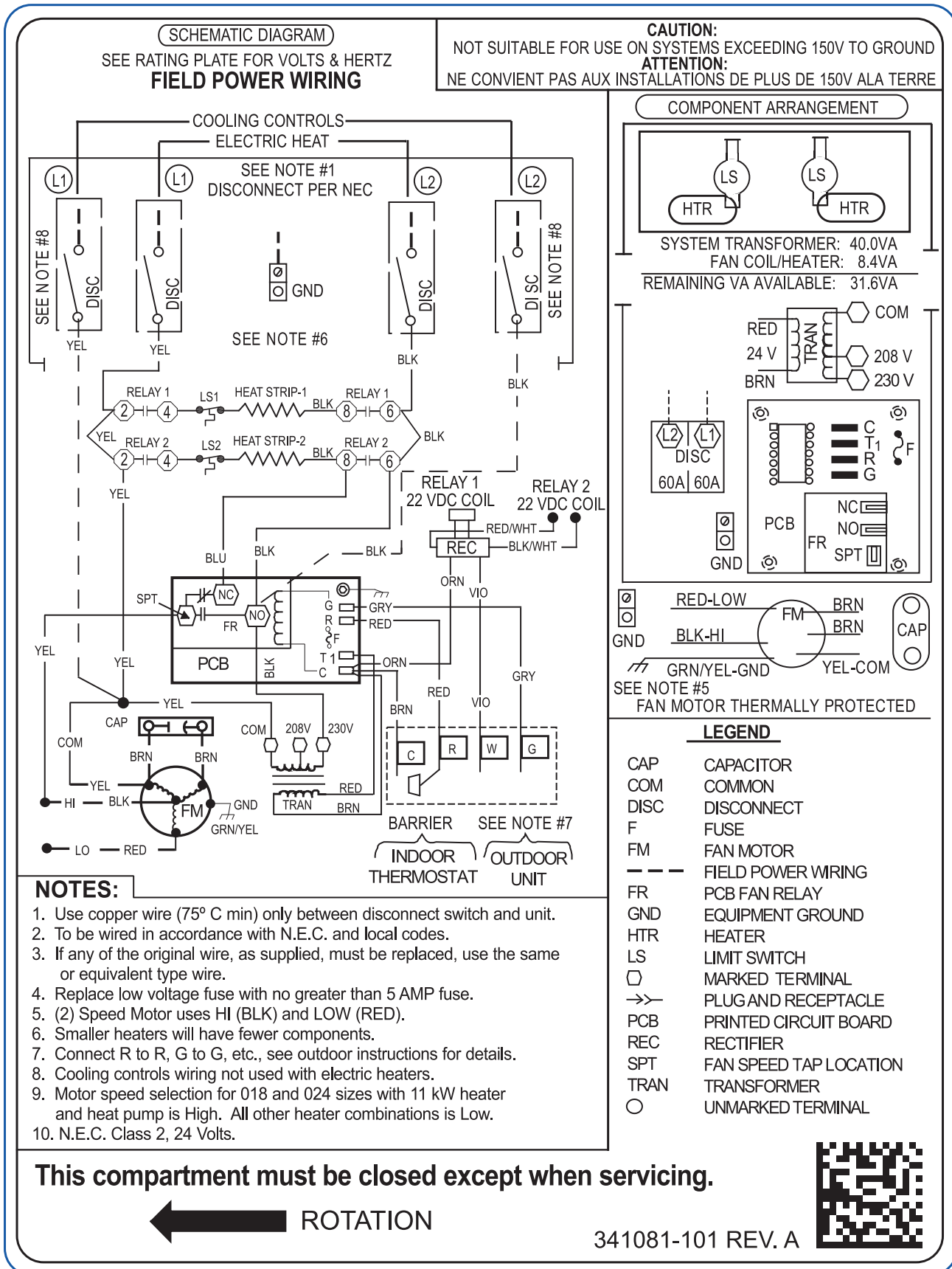
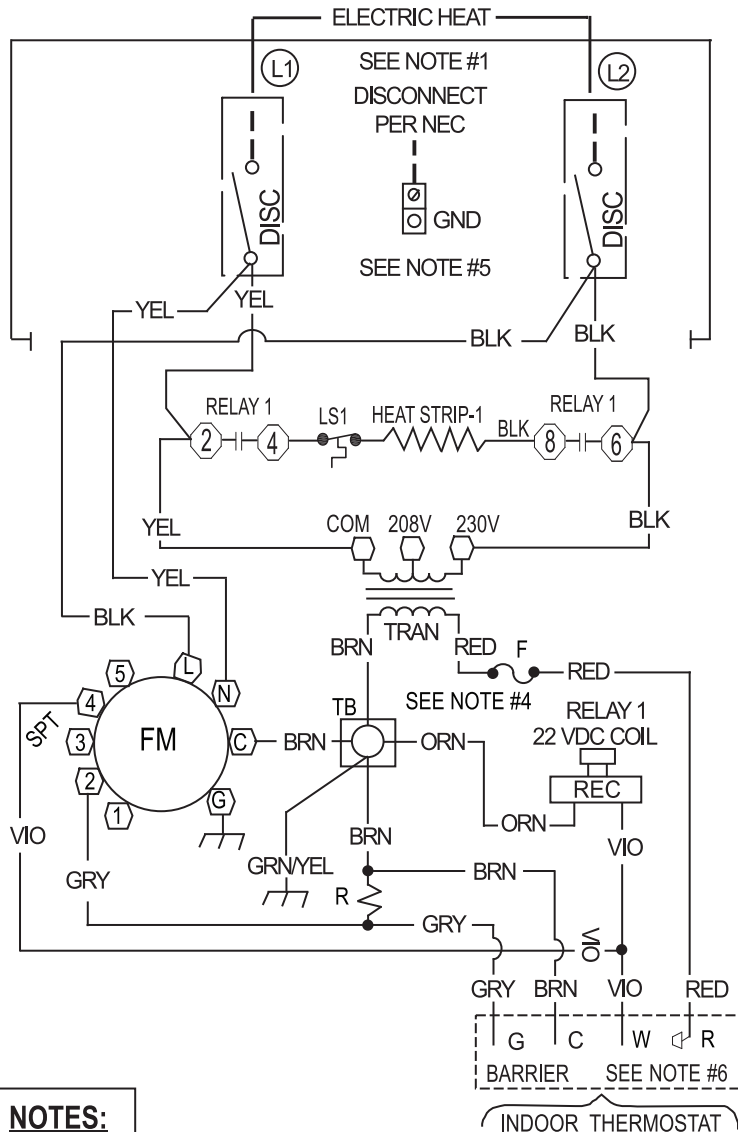


Fig. 19 - 341081-101

A150115

## SCHEMATIC DIAGRAM

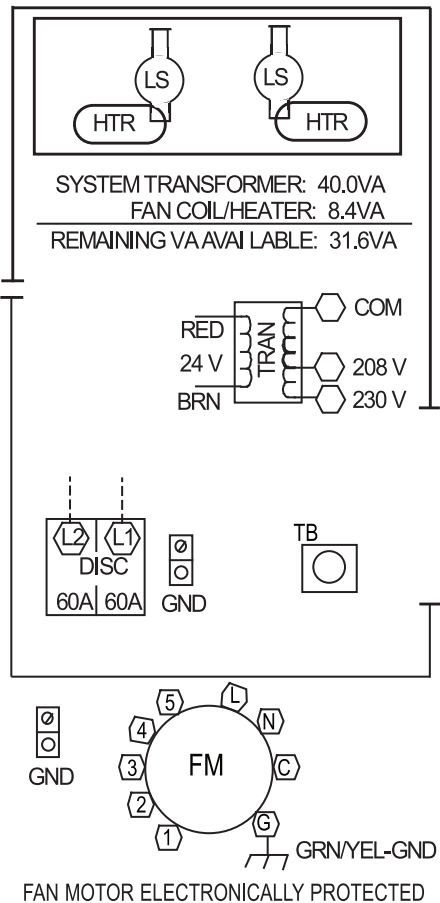
SEE RATING PLATE FOR VOLTS & HERTZ  
FIELD POWER WIRING



## 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. 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 3 AMP fuse.
5. Smaller heaters will have fewer components.
6. Connect R to R, G to G, etc., see outdoor instructions for details.
7. Cooling speed selection can be tap 1, 2, 3, or 5.
8. Heating speed selection must be tap 4 only.
9. N.E.C. class 2, 24 volts.

## COMPONENT ARRANGEMENT



## LEGEND

|      |                        |
|------|------------------------|
| ---  | FIELD POWER WIRING     |
| ○    | MARKED TERMINAL        |
| →    | PLUG AND RECEPTACLE    |
| ○    | UNMARKED TERMINAL      |
| ⋈    | WIRE NUT               |
| COM  | COMMON                 |
| DISC | DISCONNECT             |
| F    | FUSE                   |
| FM   | FAN MOTOR              |
| GND  | EQUIPMENT GROUND       |
| HTR  | HEATER                 |
| LS   | LIMIT SWITCH           |
| R    | RESISTOR               |
| REC  | RECTIFIER              |
| SPT  | FAN SPEED TAP LOCATION |
| TB   | TERMINAL BLOCK         |
| TRAN | TRANSFORMER            |

This compartment must be closed except when servicing.

← ROTATION

341082-101 REV. A

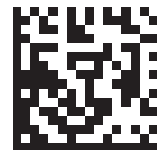


Fig. 20 - 341082-101

A150116

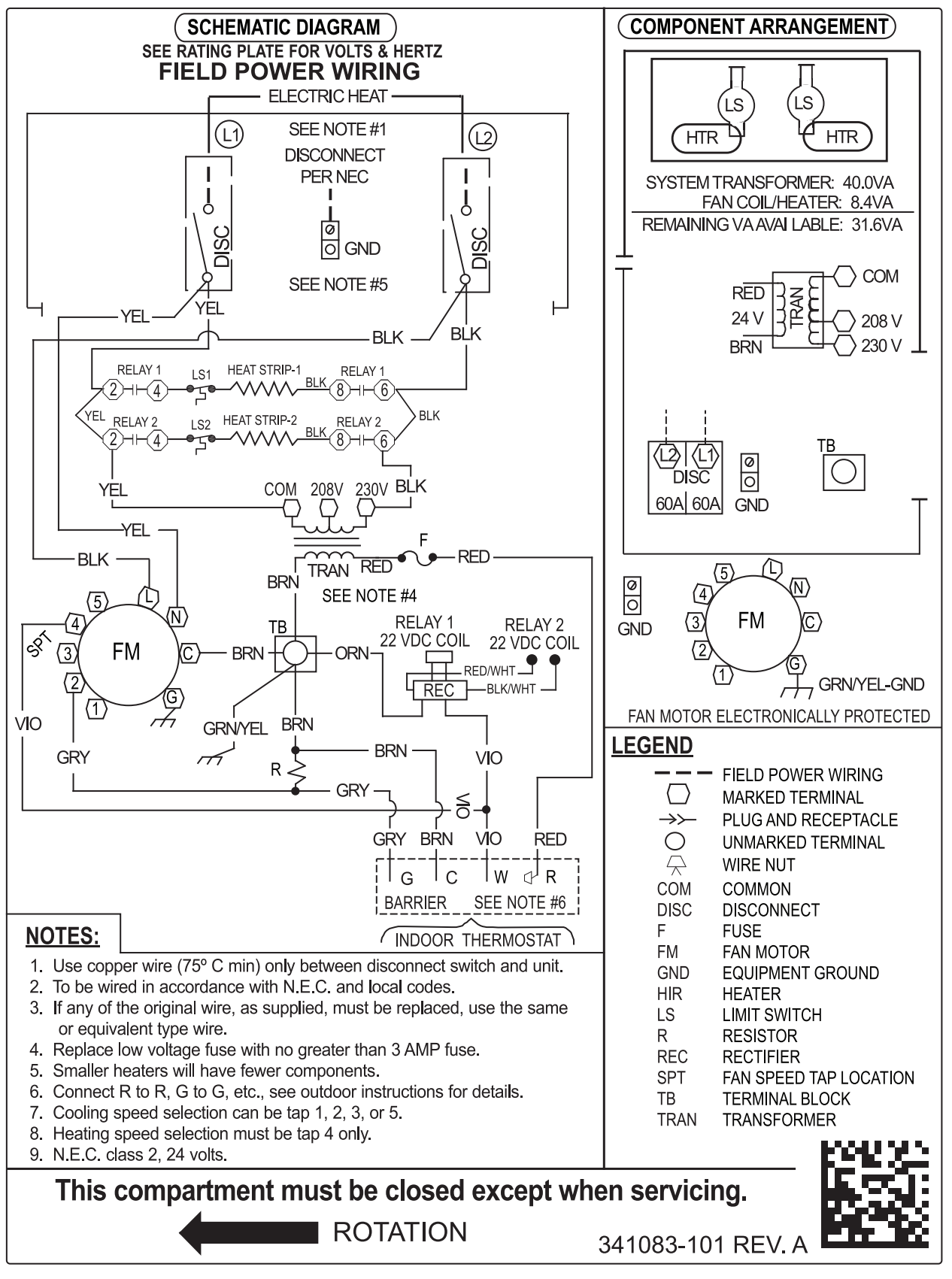
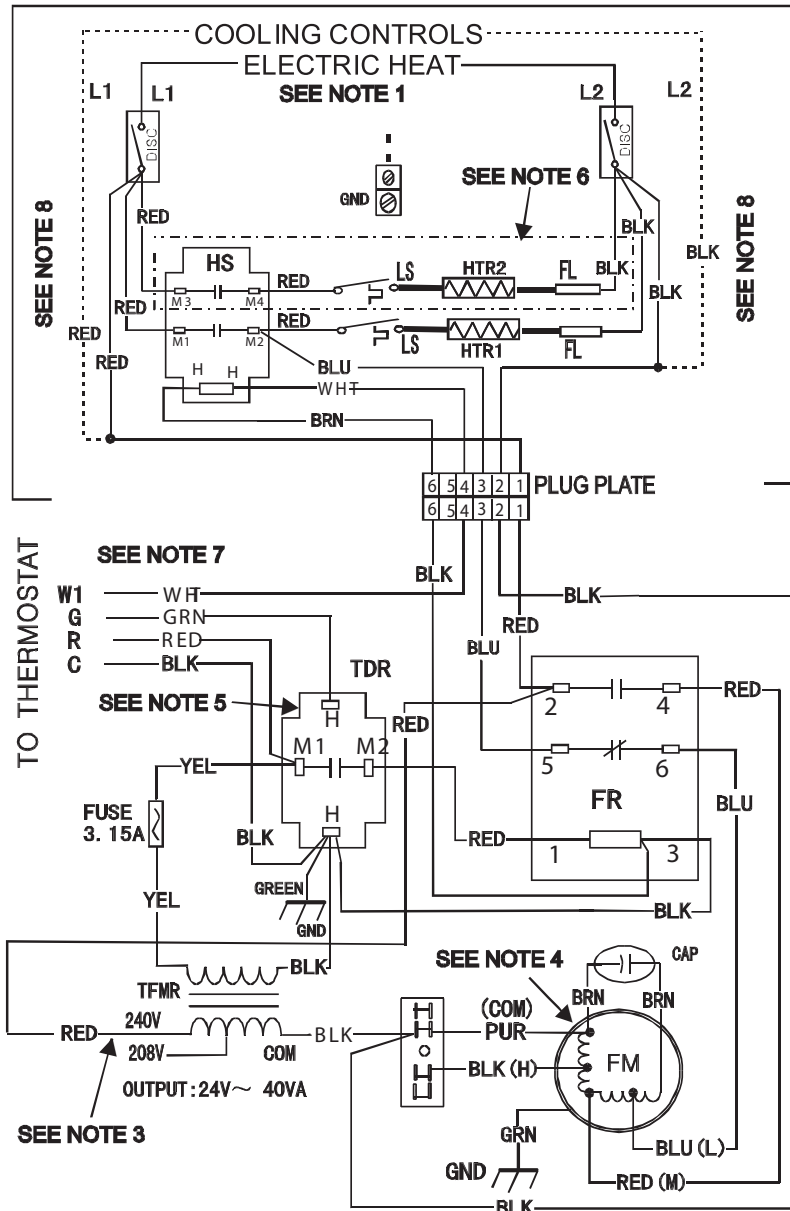


Fig. 21 - 341083-101

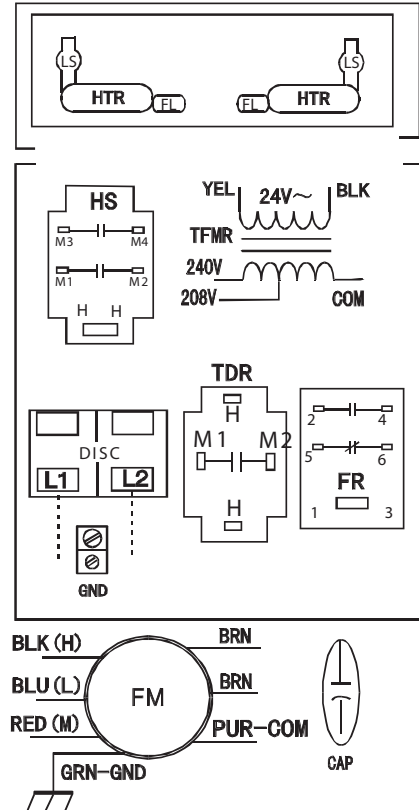
A150117

**SCHEMATIC DIAGRAM**  
SEE RATING PLATE FOR VOLTS&HERTZ  
**FIELD POWER WIRING**

**CAUTION:**  
NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V TO GROUND  
**ATTENTION:**  
NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150V A LA TERRE



**COMPONENT ARRANGEMENT**



DISC DISCONNECT  
FR FAN RELAY  
HS HEAT SEQUENCER  
LS LIMIT SWITCH  
TDR TIME DELAY RELAY  
TFMR TRANSFORMER  
FL FUSE LINK  
FM FAN MOTOR  
CAP FAN CAPACITOR  
GND GROUND  
... FIELD POWER WIRING

**NOTES:**

- 1: Use copper wire(75°C min) only between disconnect switch and unit, To be wired in accordance with N.E.C. and local codes.
- 2: If any of the original wire as supplied must be replaced, use the same or equivalent type wire.
- 3: Remove the red lead from "240V" terminal and then connect the red lead to "208V" terminal on the transformer for 208 volts.
- 4: Factory default fan speed is medium; FM red wire connected to FR #4. For HI speed connect FM black wire to FR #4. For LOW speed connect FM blue wire to FR #4 and FM red wire to FR #6. Always connect the unused FM wire to the dummy terminal block.
- 5: TDR has a 1-30s on delay when "G" is energized and a 45-75s off delay when "G" is de-energized.
- 6: The 5kW heater kit has HTR1 only. Fan coils equipped with electric heat connect power supply to circuit breaker.
- 7: Connect R to R, G to G, etc. See outdoor or indoor instructions for details.
- 8: Cooling controls wiring not used with electric heaters.

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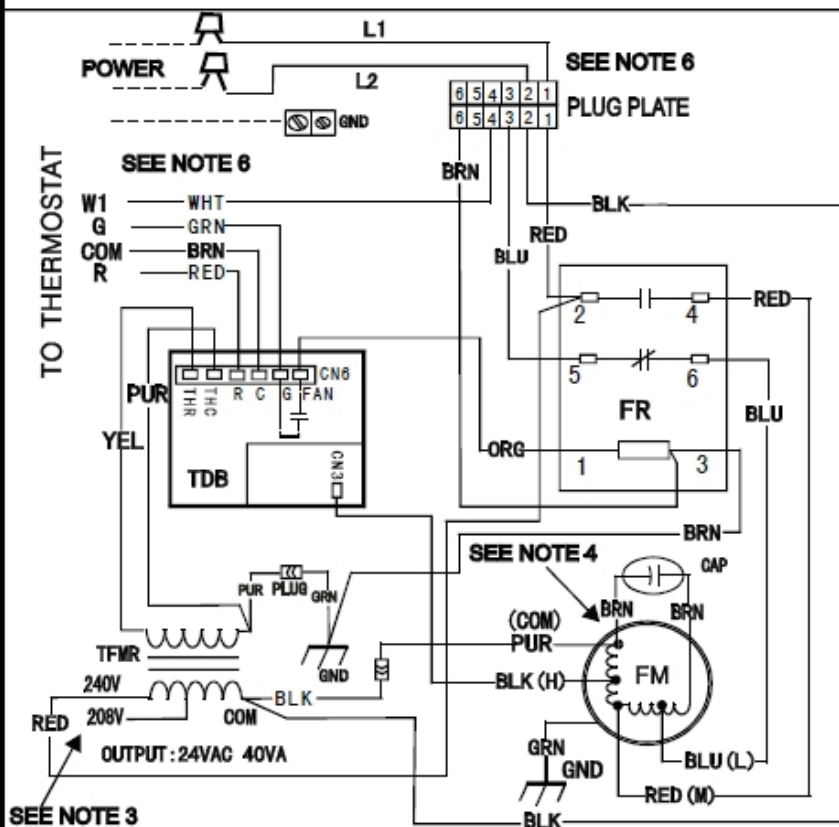
**Fig. 22 - FFMANP(018,024,030,036 and EHK2 Electric Heaters with Sequencers**  
**NOTE:** Representative for FFMANP(018,024,030,036) prior to serial number date code 1715V

A13131

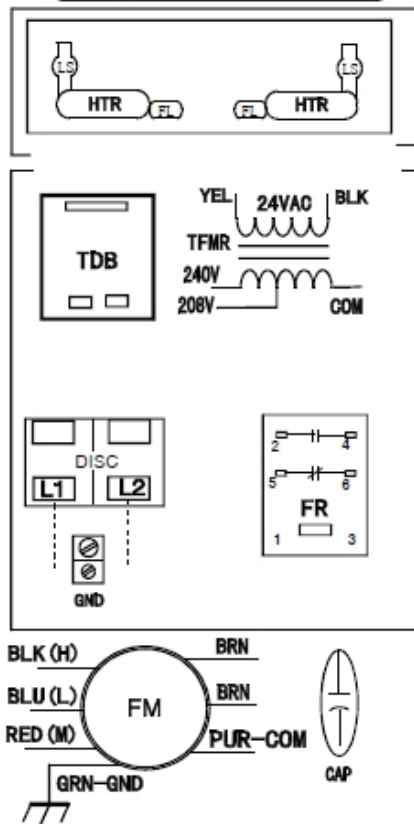
**SCHEMATIC DIAGRAM**  
SEE RATING PLATE FOR VOLTS&HERTZ

**CAUTION:**  
NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V TO GROUND  
**ATTENTION:**  
NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150V A LA TERRE

## ELECTRIC HEAT WIRING CONNECTION (WHEN APPLIED)



**COMPONENT ARRANGEMENT**



FR FAN RELAY  
TDB TIME DELAY BOARD  
TFMR TRANSFORMER  
FM FAN MOTOR  
CAP FAN CAPACITOR  
GND GROUND  
- - - FIELD POWER WIRING

**NOTES:**

- 1: Use copper wire (75°C min), to be wired in accordance with N.E.C. and local codes.
- 2: If any of the original wire as supplied must be replaced, use the same or equivalent type wire.
- 3: Remove the red lead from "240V" terminal and then connect the red lead to "208V" terminal on the transformer for 208 volts.
- 4: Factory default fan speed is medium; FM red wire connected to FR #4. For HI speed connect FM black wire to FR #4. For LOW speed connect FM blue wire to FR #4 and FM red wire to FR #6. Always connect the unused FM wire to the dummy terminal CN3.
- 5: TDB has a 90-100s off delay when "G" is de-energized.
- 6: Connect R to R, G to G, etc. See outdoor or indoor instructions for details.
- 7: Cooling controls wiring not used with electric heaters, connect the plug to electric heaters kit when applied.
- 8: N.E.C., class 2, 24 volts.

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Fig. 23 - FFMANP(018,024,030,036 with PCB Time Delay

NOTE: Representative for FFMANP(018,024,030,036) serial number date code 1715V and later.

A150153

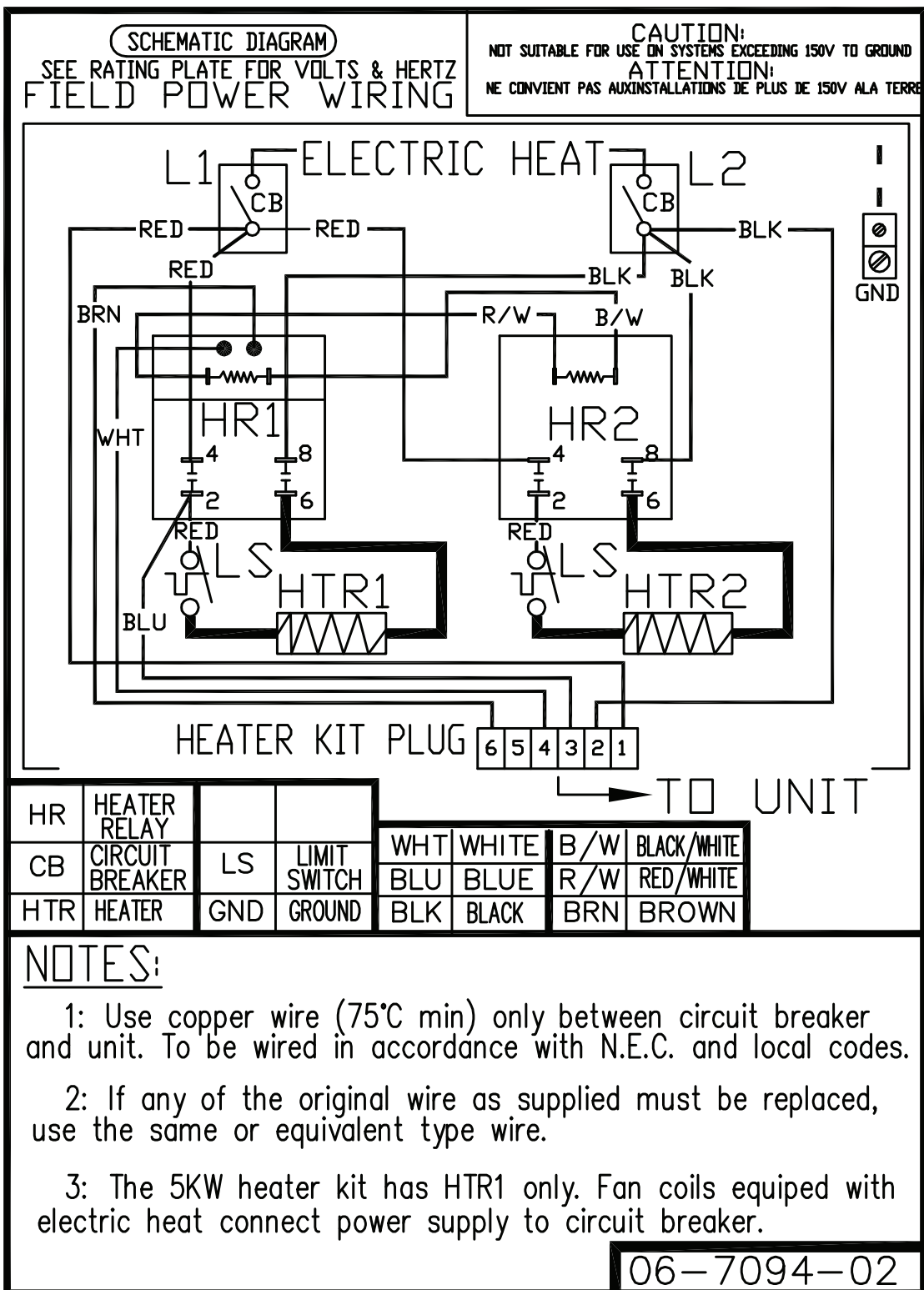


Fig. 24 - EHK2 With Heater Relays

A150100

# SCHEMATIC DIAGRAM

SEE RATING PLATE FOR VOLTS&HERTZ

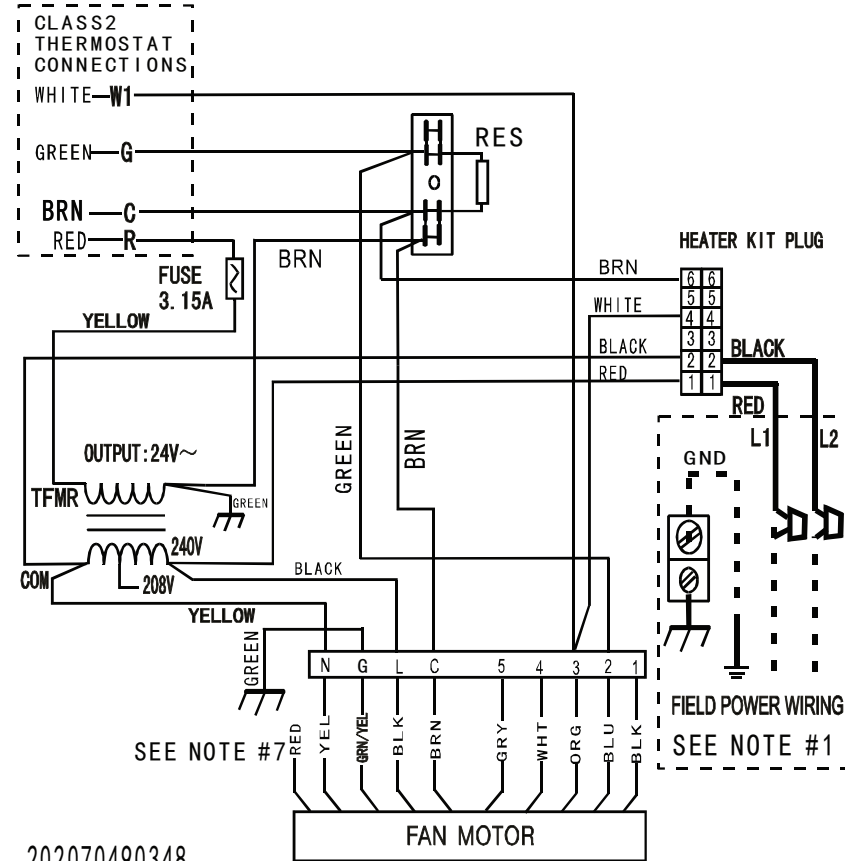
## FIELD POWER WIRING

### CAUTION:

NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V TO GROUND

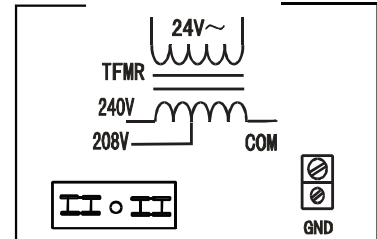
### ATTENTION:

NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150V A LA TERRE



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### COMPONENT ARRANGEMENT



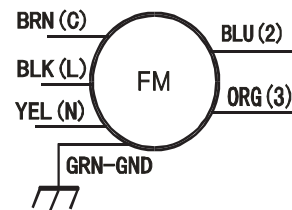
### SPEED TAP SELECTION

- 1 LOW
- 2 MEDIUM LOW
- 3 MEDIUM
- 4 MEDIUM HIGH
- 5 HIGH

SEE NOTE #5, #6 & #8.

### 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: Connect R To R,G To G,Etc.See Outdoor Instruction For Details.
- 5: To Change Speed Tap,Move Green Wire Desired Terminal.
- 6: See Airflow Tables For Tap Usage.
- 7:Factory Wires May Be Present,DO NOT USE.
- 8:Taps 2 & 4 Have a 90s Delay Off, Taps 1, 3 & 5 are 30s.



TFMR TRANSFORMER  
FM FAN MOTOR  
GND GROUND  
RES RESISTOR  
- - - FIELD POWER WIRING

Fig. 25 - FFMANP(019, 031)

A14323



# SCHEMATIC DIAGRAM

SEE RATING PLATE FOR VOLTS&HERTZ

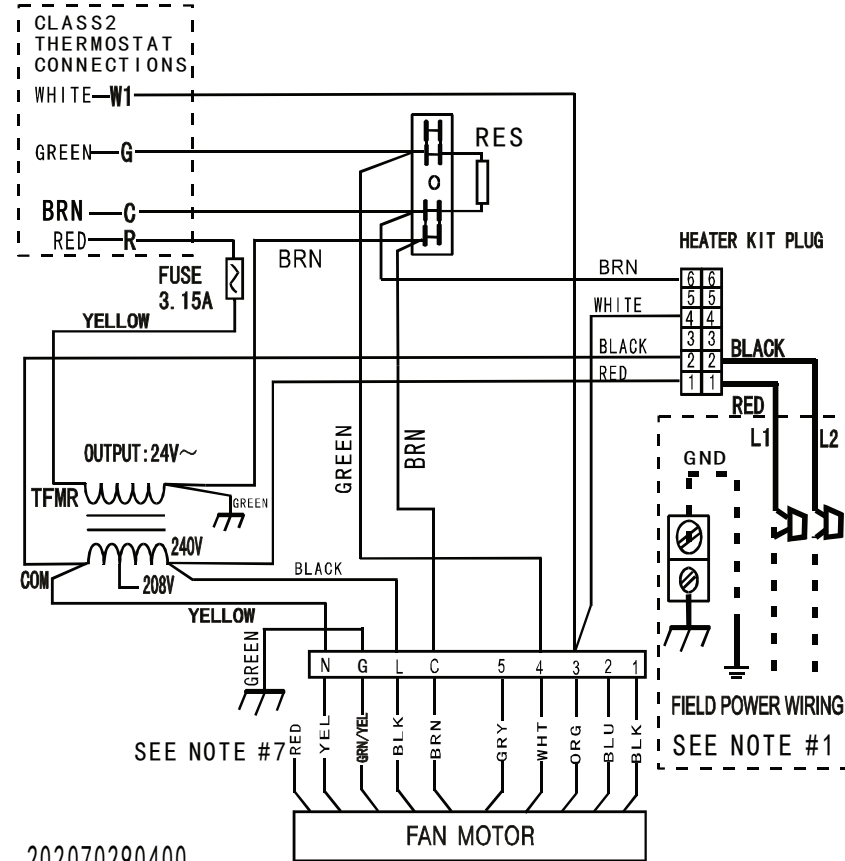
## FIELD POWER WIRING

### CAUTION:

NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V TO GROUND

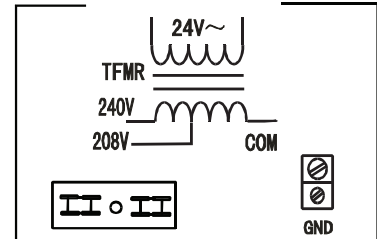
### ATTENTION:

NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150V A LA TERRE



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### COMPONENT ARRANGEMENT



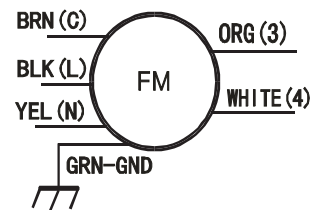
### SPEED TAP SELECTION

- 1 LOW
- 2 MEDIUM LOW
- 3 MEDIUM
- 4 MEDIUM HIGH
- 5 HIGH

SEE NOTE #5, #6 & #8.

### 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: Connect R To R,G To G,Etc.See Outdoor Instruction For Details.
- 5: To Change Speed Tap,Move Green Wire Desired Terminal.
- 6: See Airflow Tables For Tap Usage.
- 7:Factory Wires May Be Present,DO NOT USE.
- 8:Taps 2 & 4 Have a 90s Delay Off, Taps 1, 3 & 5 are 30s.



TFMR TRANSFORMER  
FM FAN MOTOR  
GND GROUND  
RES RESISTOR  
- - - FIELD POWER WIRING

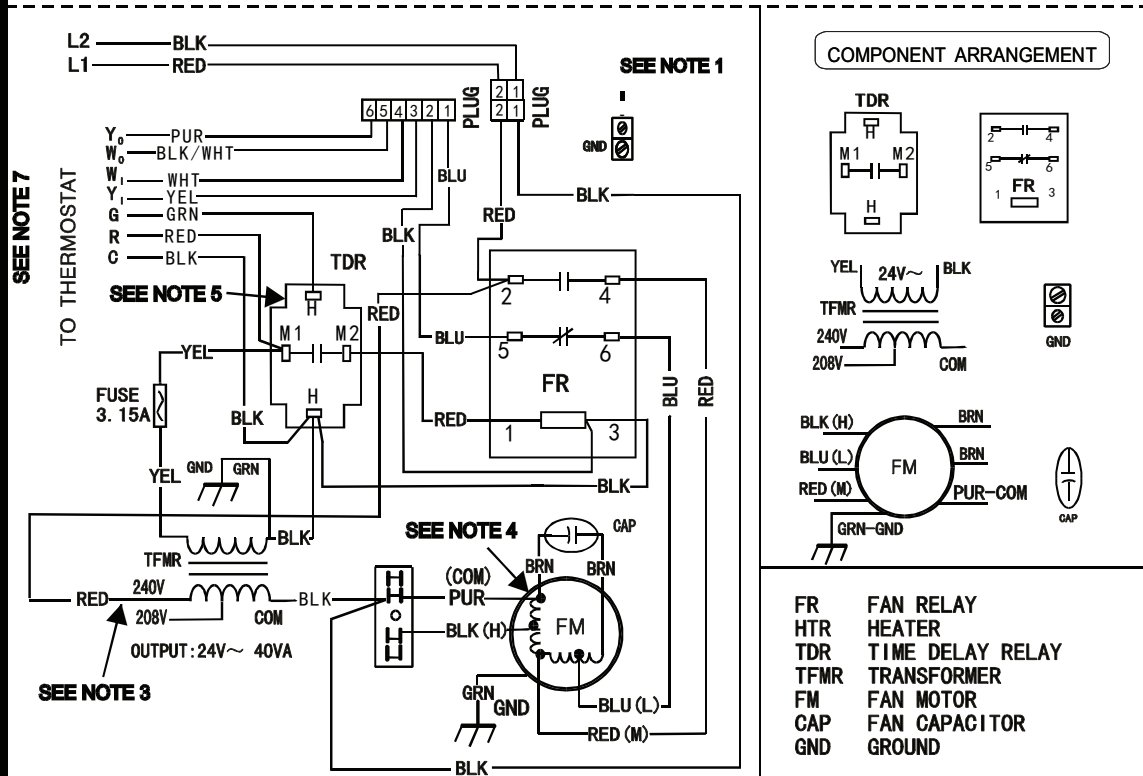
Fig. 26 - FFMANP(025, 037)

A14324



**SCHEMATIC DIAGRAM**  
**SEE RATING PLATE FOR VOLTS&HERTZ**  
**FIELD POWER WIRING**

**CAUTION:**  
 NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V TO GROUND  
**ATTENTION:**  
 NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150V ALA TERRE



**NOTES:**

- 1: Use copper wire(75°C min) only between disconnect switch and unit, To be wired in accordance with N.E.C. and local codes. Fan coils equipped with electric heater connect power supply to terminal block. Cooling controls wiring not used with electric heaters.
- 2: If any of the original wire as supplied must be replaced, use the same or equivalent type wire.
- 3: Remove the red lead from "240V" terminal and then connect the red lead to "208V" terminal on the transformer for 208 volts.
- 4: Factory default fan speed is Medium, FM red wire connected to FR #4; For HI speed connect FM black wire to FR #4; For LOW speed connect FM blue wire to FR #4, and FM red wire connected to FR #6. Always connect the unused FM wire to the dummy terminal block.
- 5: TDR has a 1-20s on delay when "G" is energized and a 50-70s off delay when "G" is de-energized.
- 6: Connect R to R, G to G, etc. See outdoor or indoor instructions for details.

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Fig. 27 - FPM(A,B)N(U,C)

A14325



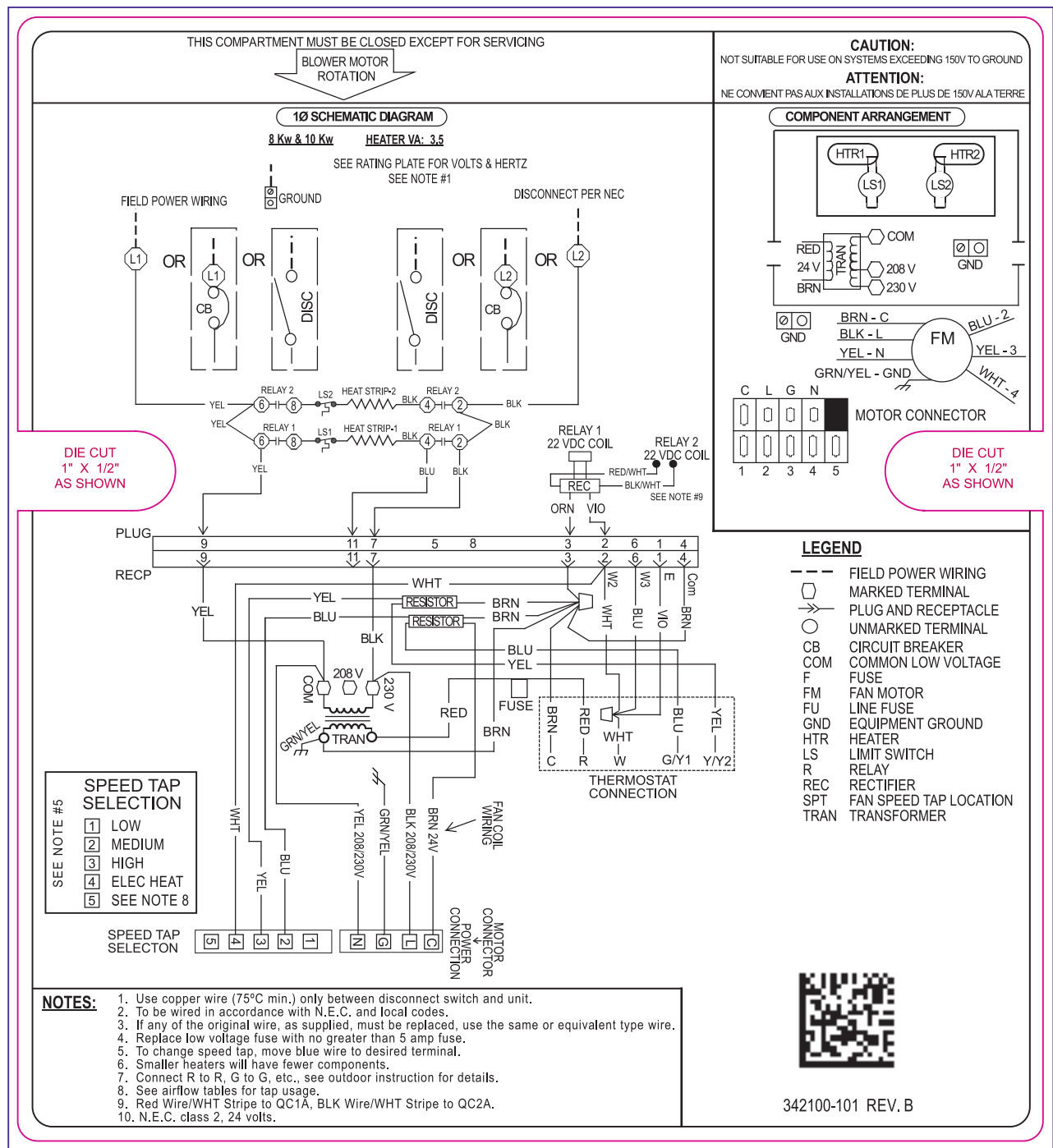


Fig. 29 - FZ4A

A160029

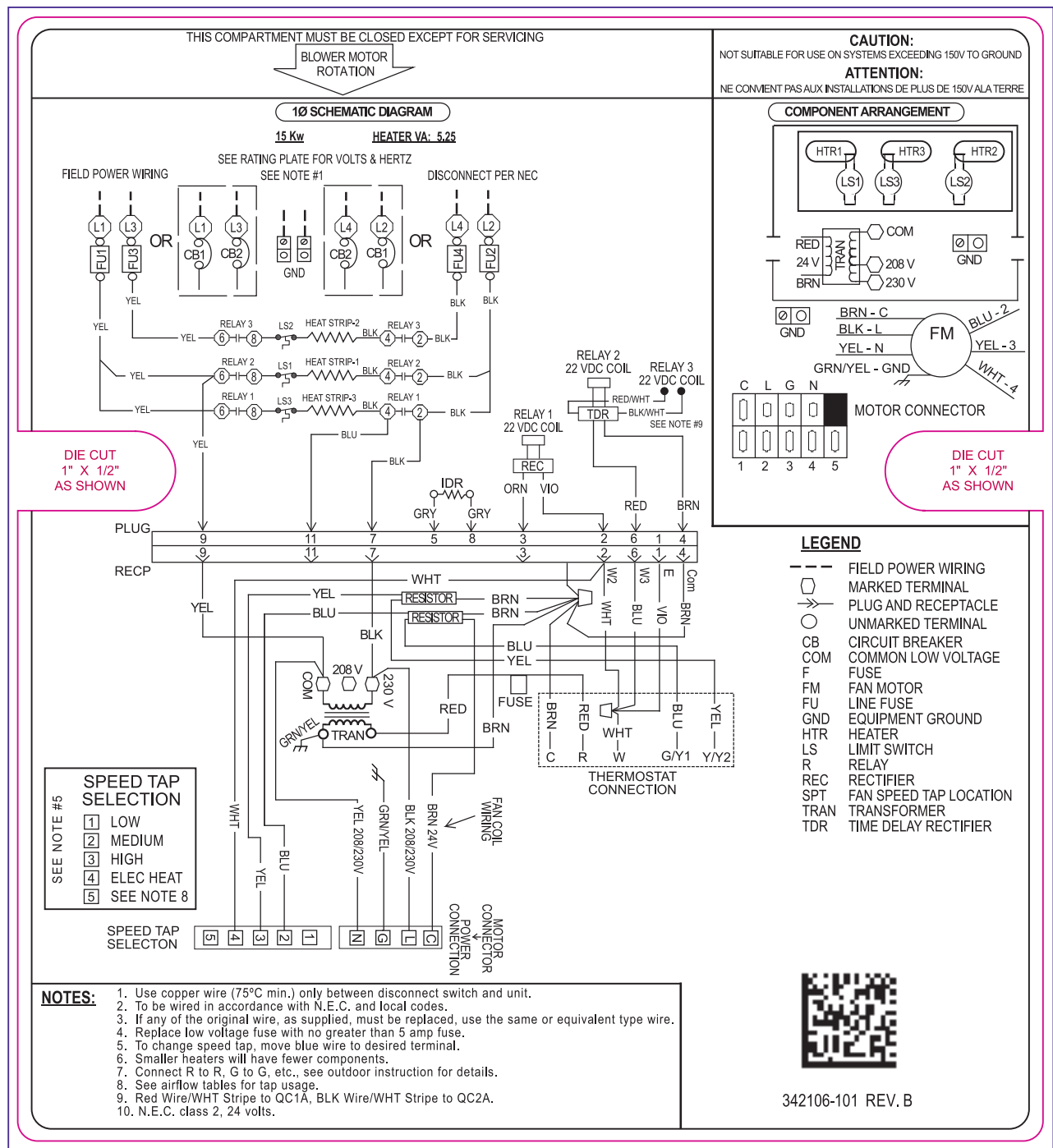


Fig. 30 - FZ4A

A160030



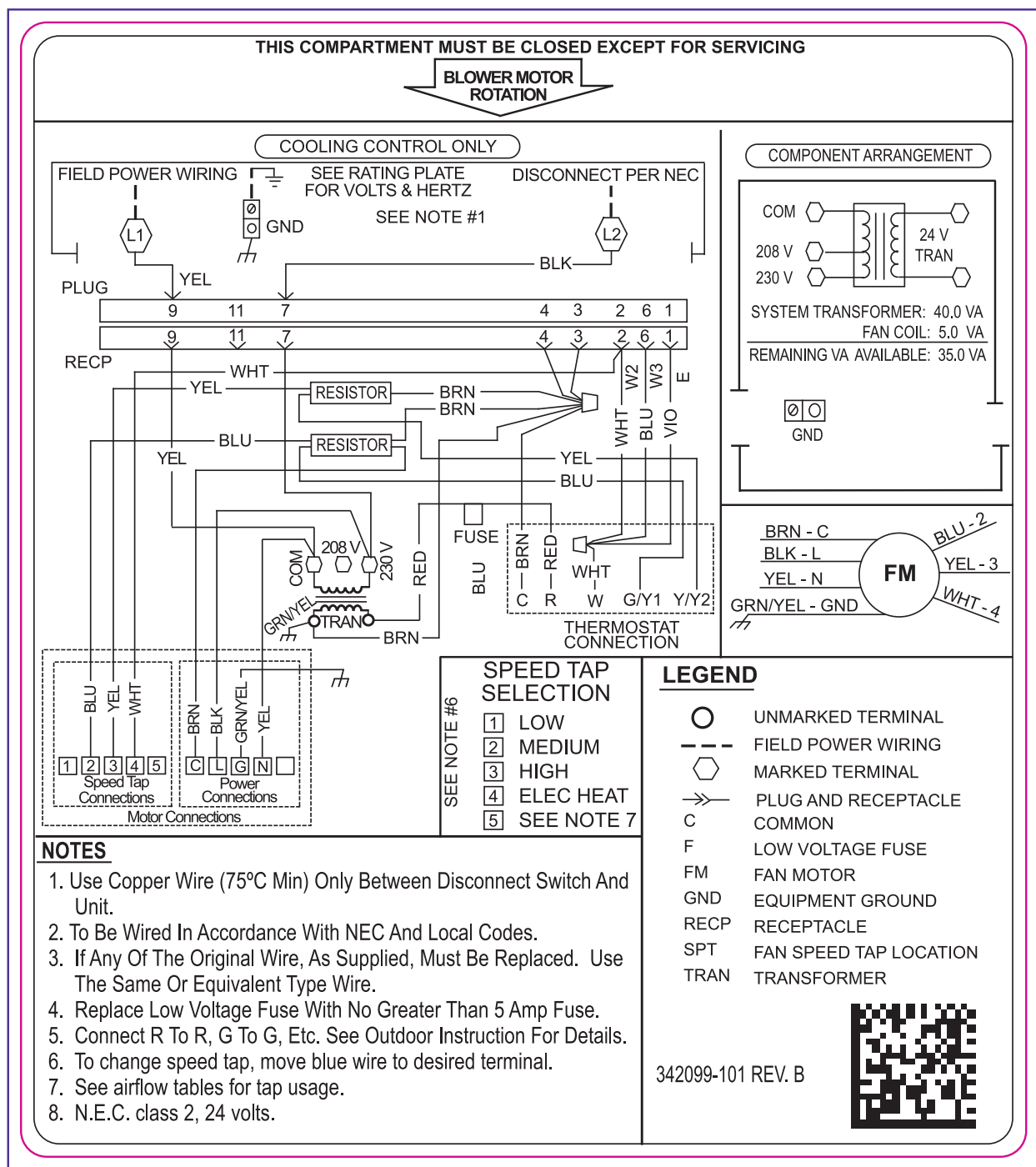


Fig. 32 - FZ4A

A160032