

WIRING DIAGRAM MANUAL

Horizontal Fan Coil

FMC4, FMU4, WAMC, WATC

Safety Labeling and Signal Words

DANGER, WARNING, CAUTION, and NOTE

The signal words **DANGER**, **WARNING**, **CAUTION**, and **NOTE** are used to identify levels of hazard seriousness. The signal word **DANGER** is only used on product labels to signify an immediate hazard. The signal words **WARNING**, **CAUTION**, and **NOTE** will be used on product labels and throughout this manual and other manuals that may apply to the product.

DANGER – Immediate hazards which **will** result in severe personal injury or death.

WARNING – Hazards or unsafe practices which **could** result in severe personal injury or death.

CAUTION – Hazards or unsafe practices which **may** result in minor personal injury or product or property damage.

NOTE – Used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

Signal Words in Manuals

The signal word **WARNING** is used throughout this manual in the following manner:



The signal word **CAUTION** is used throughout this manual in the following manner:



Signal Words on Product Labeling

Signal words are used in combination with colors and/or pictures on product labels.

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UNCASED MODELS

FMU4P1800A1	FMU4X1800A1
FMU4P2400A1	FMU4X2400A1
FMU4P3000A1	FMU4X3000A1
FMU4P3600A1	

CASED MODELS

FMC4P1800A1	WAMC184A1
FMC4P2400A1	WAMC244A1
FMC4P3000A1	WAMC304A1
FMC4P3600A1	WAMC364A1
FMC4X1800A1	WATC184A1
FMC4X2400A1	WATC244A1
FMC4X3000A1	WATC304A1

WARNING

DEATH, PERSONAL INJURY, AND/OR PROPERTY DAMAGE HAZARD

Failure to carefully read and follow this warning could result in equipment malfunction, property damage, personal injury and/or death.

Installation or repairs made by unqualified persons could result in equipment malfunction, property damage, personal injury and/or death.

The information contained in this manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.

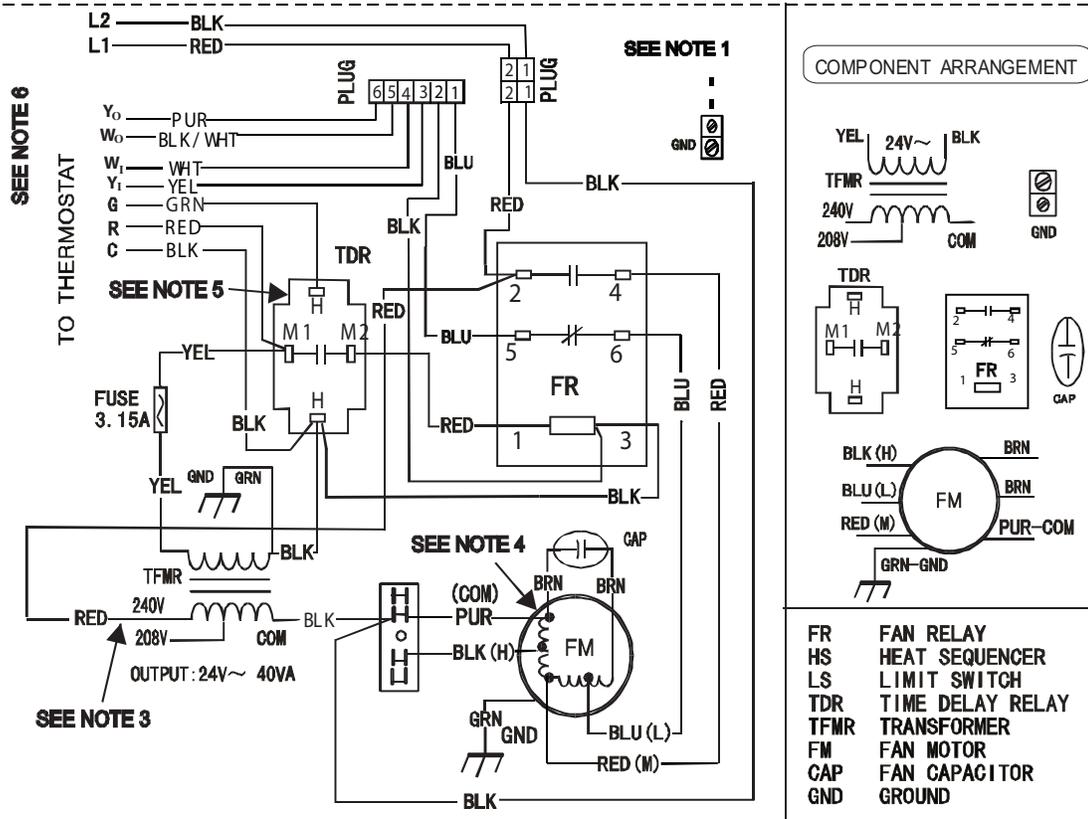
Installation must conform with local building codes and with the National Electrical Code NFPA70 current edition or Canadian Electrical Code Part 1 CSA C.22.1.

FMU4P, FMU4X, FMC4P, FMC4X, WAMC, WATC Wiring Diagram

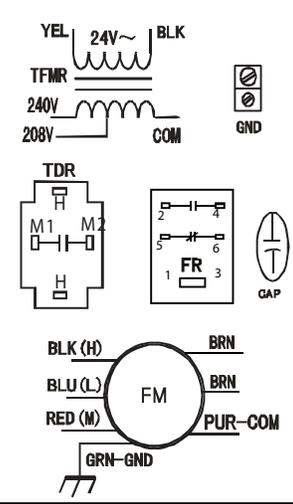
SCHEMATIC DIAGRAM

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



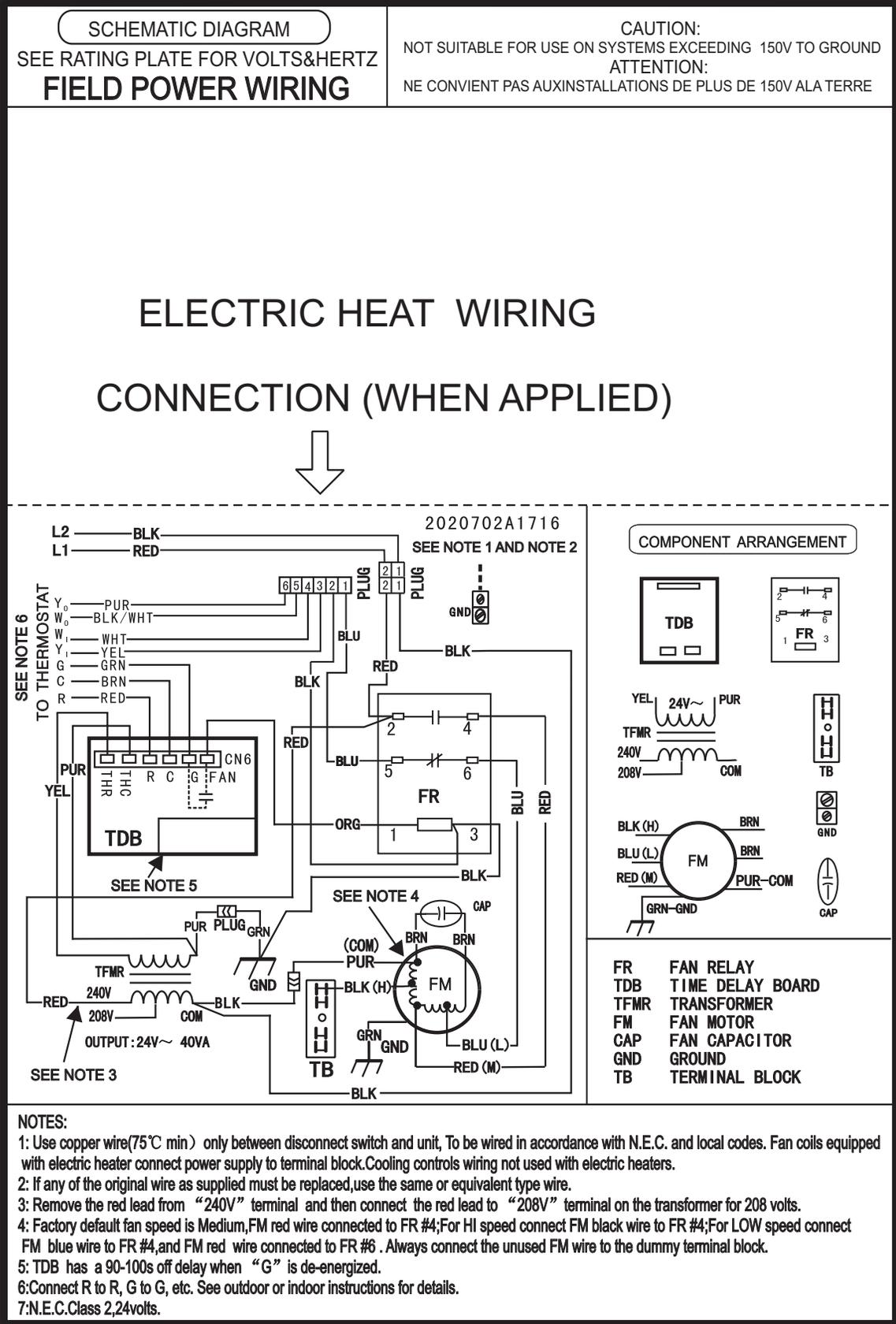
COMPONENT ARRANGEMENT



FR	FAN RELAY
HS	HEAT SEQUENCER
LS	LIMIT SWITCH
TDR	TIME DELAY RELAY
TFMR	TRANSFORMER
FM	FAN MOTOR
CAP	FAN CAPACITOR
GND	GROUND

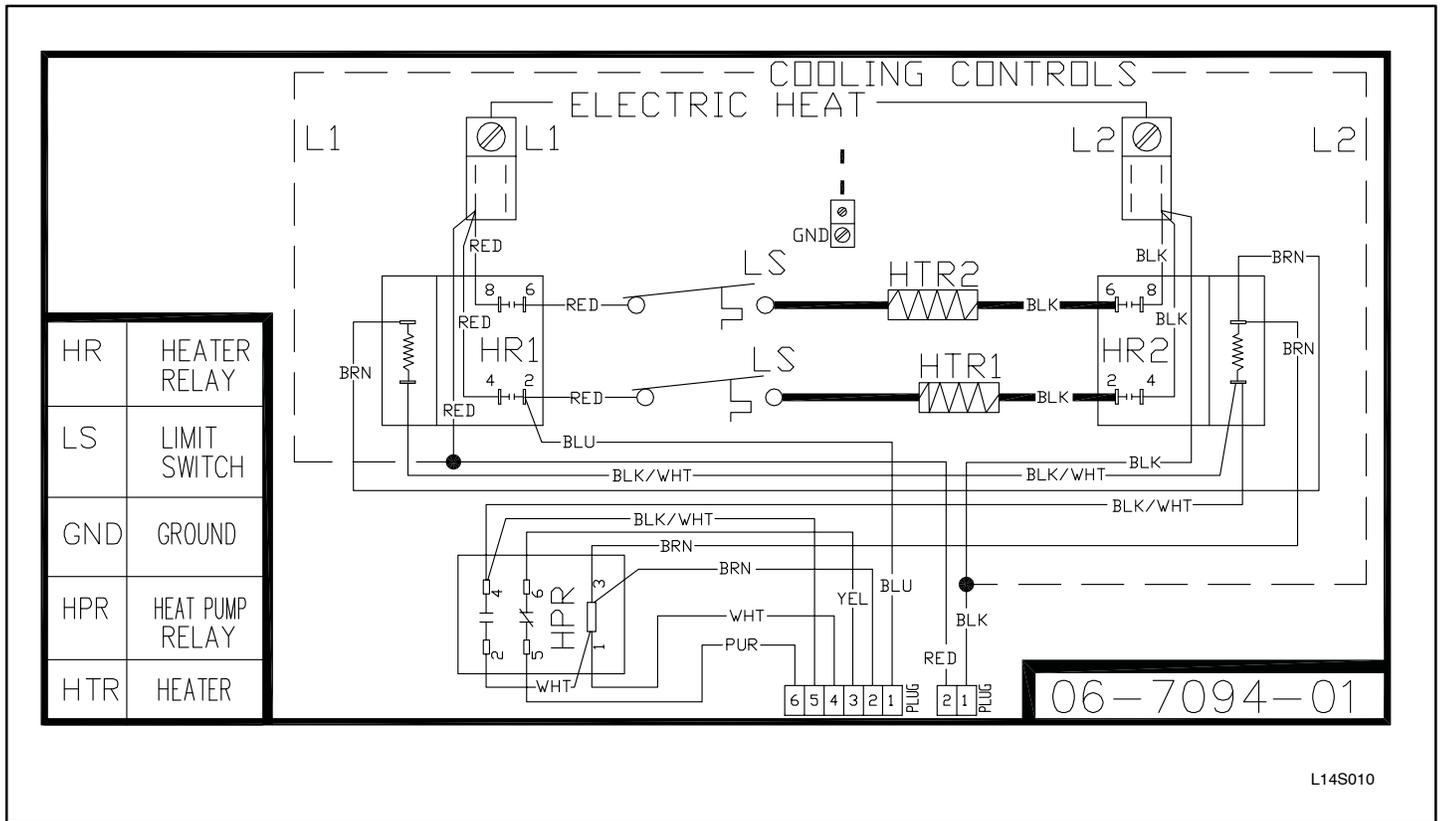
- NOTES:
- 1: Use copper wire(75°C min.) only between disconnect switch and unit. To be wired in accordance with N.E.C. and local codes.
 - 2: If any of the original wire as supplied must be replaced, use the same or equivalent type wire.
 - 3: Remove the red lead from "240V" terminal and then connect 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 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 45-70s off delay when "G" is de-energized.
 - 6: Connect R to R, G to G, etc. See outdoor or indoor instructions for details.

**FMU4P, FMU4X, FMC4P, FMC4X, WAMC, WATC Wiring Diagram
with Time Delay Board (TDB) Wiring Diagram**



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EHK3 Wiring Diagram



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