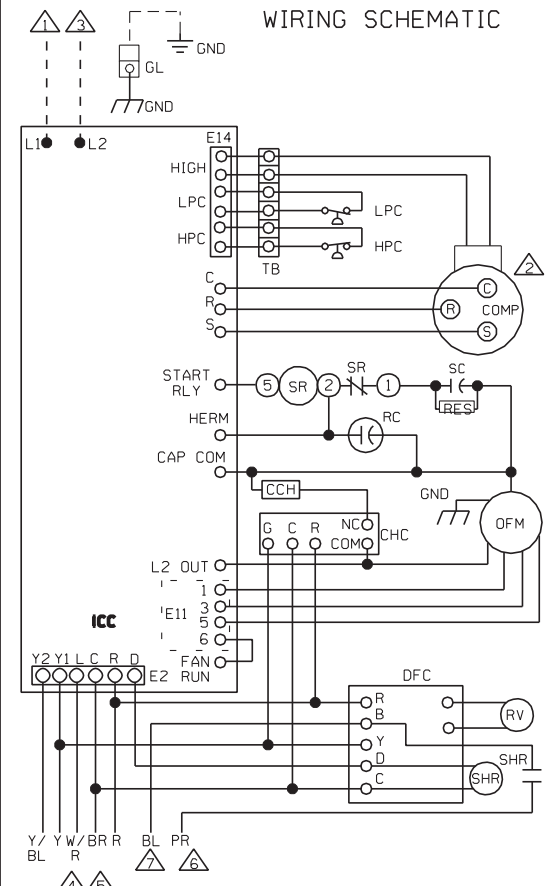
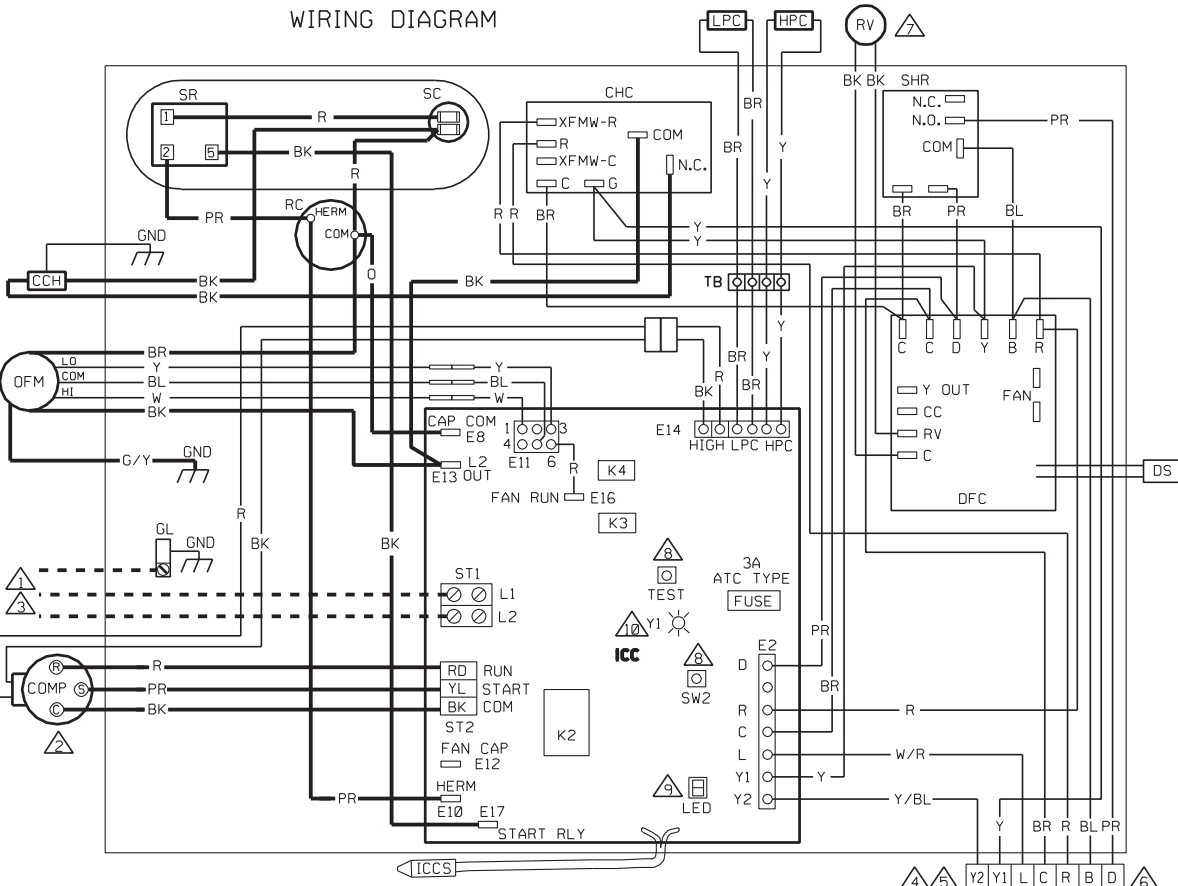


# WIRING DIAGRAM

# WIRING SCHEMATIC



## COMPONENT CODE

CCH	CRANK CASE HEATER
CHC	CRANK CASE HEATER CONTROL
COMP	COMPRESSOR
DFC	DEFROST CONTROL
DS	DEFROST COIL SENSOR
GL	GROUND LUG
GND	GROUND, CHASSIS
HPC	HIGH PRES. CUT-OUT CONTROL
ICC	INTEGRATED COMPRESSOR CONTROL
ICCS	INTEGRATED COMPRESSOR CONTROL SENSOR
LPC	LOW PRESSURE CONTROL
OFM	OUTDOOR FAN MOTOR
OPT	OPTIONAL
RC	RUN CAPACITOR
RES	RESISTOR
RV	REVERSING VALVE
SC	START CAPACITOR
SHR	SECONDARY HEAT RELAY
SR	START RELAY
TB	TERMINAL BLOCK

## NOTES:

- CONNECTORS SUITABLE FOR USE WITH COPPER CONDUCTORS ONLY.
- COMPRESSOR MOTOR THERMALLY PROTECTED.
- CONNECT FIELD WIRING IN GROUNDED RAINTIGHT CONDUIT TO FUSED DISCONNECT, VOLTAGE, HERTZ AND PHASE PER RATING PLATE, AND PER NATIONAL AND LOCAL CODES.
- LOW VOLTAGE CIRCUIT TO BE N.E.C. CLASS 2 WITH A CLASS 2 TRANSFORMER 24 VOLT, 50 OR 60 HERTZ, MIN 18 AWG.
- TO THERMOSTAT SUB-BASE, REFER TO SYSTEM SCHEMATICS OR SCHEMATICS ON INDOOR SECTION FOR LOW VOLTAGE CONTROL WIRING.
- THIS WIRE IS USED TO TURN ON STRIP HEAT DURING DEFROST. OMIT CONNECTION FOR MOST ECONOMICAL OPERATION.
- THIS COMPONENT IS ENERGIZED IN HEATING MODE.
- TEST AND SW2 PUSH BUTTONS USED FOR TEST AND DIAGNOSTIC RECALL. SEE PUSH BUTTON LABEL FOR DETAILS.
- 7-SEGMENT LED TO DISPLAY DIAGNOSTIC CODES. SEE DIAGNOSTIC LABEL FOR DETAILS.
- SOLID ON INDICATES Y1 CALL PRESENT AT ICC CONTROL.

## WIRING INFORMATION

LINE VOLTAGE  
 -FACTORY STANDARD  
 -FACTORY OPTION  
 -FIELD INSTALLED

LOW VOLTAGE  
 -FACTORY STANDARD  
 -FACTORY OPTION  
 -FIELD INSTALLED

REPLACEMENT WIRE  
 -MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (105 C° MIN.)

WARNING  
 -CABINET MUST BE PERMANENTLY GROUNDED AND CONFORM TO I.E.C., N.E.C., C.E.C. AND LOCAL CODES AS APPLICABLE.

## WIRE COLOR CODE

BK	BLACK	GY	GRAY	R	RED
BR	BROWN	O	ORANGE	W	WHITE
BL	BLUE	PK	PINK	Y	YELLOW
G	GREEN	PR	PURPLE		

## ELECTRICAL WIRING DIAGRAM HEAT PUMP 2 STAGE INTEGRATED COMPRESSOR CONTROL