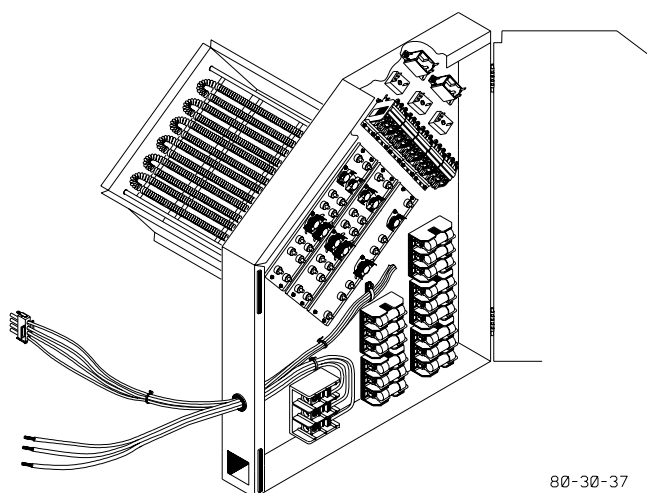


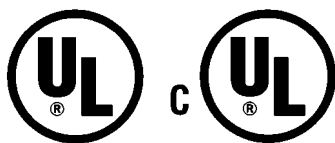
Installation Instructions

- Safety Labeling and Rules
- Installation Procedure
- Location/Clearances
- Wiring
- Technical Data
- Start-Up
- Parts



Model Series 3 Phase

AEB010EHA3	AEB045EHA3
AEB010ELA3	AEB045ELA3
AEB010ESA3	AEB045ESA3
AEB020EHA3	AEB060EHA3
AEB020ELA3	AEB060ELA3
AEB020ESA3	AEB060ESA3
AEB030EHA3	AEB075EHA3
AEB030ELA3	AEB075ELA3
AEB030ESA3	AEB075ESA3
AEB040EHA3	



ELECTRIC HEAT ACCESSORY
FOR 7 1/2 – 15 TON PACKAGE UNITS

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1. Safety Labeling and Signal Words

Danger, Warning and Caution

The signal words **DANGER**, **WARNING** and **CAUTION** 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** and **CAUTION** will be used on product labels and throughout this manual and other manuals that may apply to the product.

Signal Words

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 **COULD** result in minor personal injury or product or property damage.

Signal Words in Manuals

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

WARNING

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

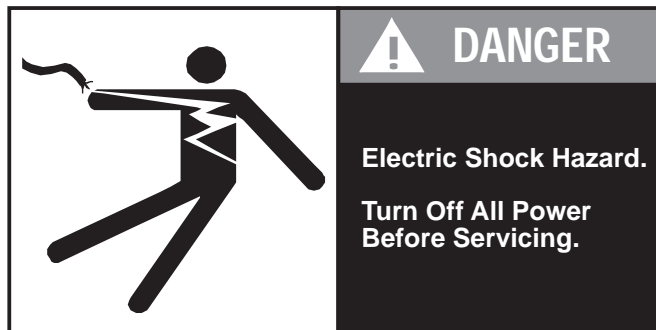
CAUTION

Product Labeling

Signal words are used in combination with colors and/or pictures on product labels. Following are examples of product labels with explanations of the colors used.

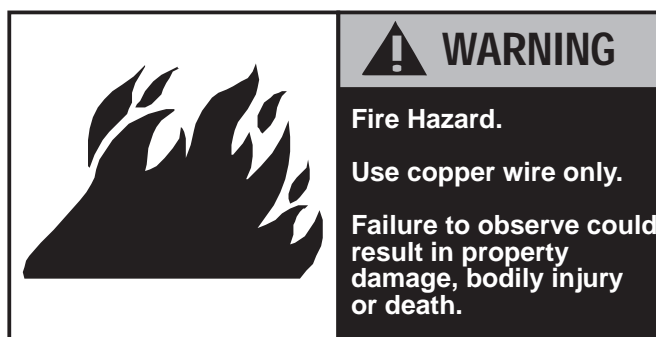
Danger Label

White lettering on a black background except the word **DANGER** which is white with a red background.



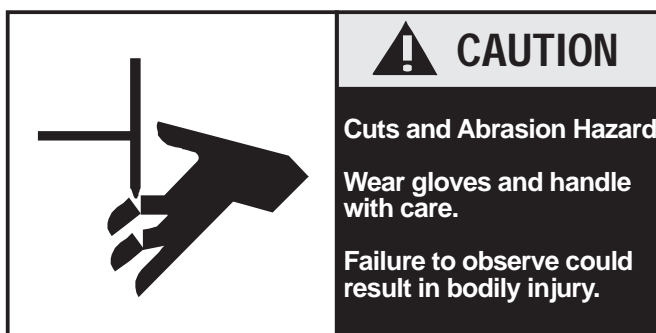
Warning Label

White lettering on a black background except the word **WARNING** which is black with an orange background.



Caution Label

White lettering on a black background except the word **CAUTION** which is black with a yellow background.



2. General Information

WARNING

Installation or repairs made by unqualified persons can result in hazards to you and others. Installation **MUST** conform with local building codes or, in the absence of local codes, with National Electrical Code ANSI/NFPA 70-1990 or current edition or in Canada with CSA C.22.1 - Canadian Electrical Code Part 1 or current edition.

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

Failure to carefully read and follow all instructions in this manual can result in malfunction, property damage, personal injury, and/or death.

When the electric heat accessory is installed, a single, common power supply **MUST** be provided for heating and cooling. The package unit power supply **MUST** be connected through the electric heat accessory. This process is detailed in later sections of this manual.

3. Installing Electric Heat Accessory

WARNING

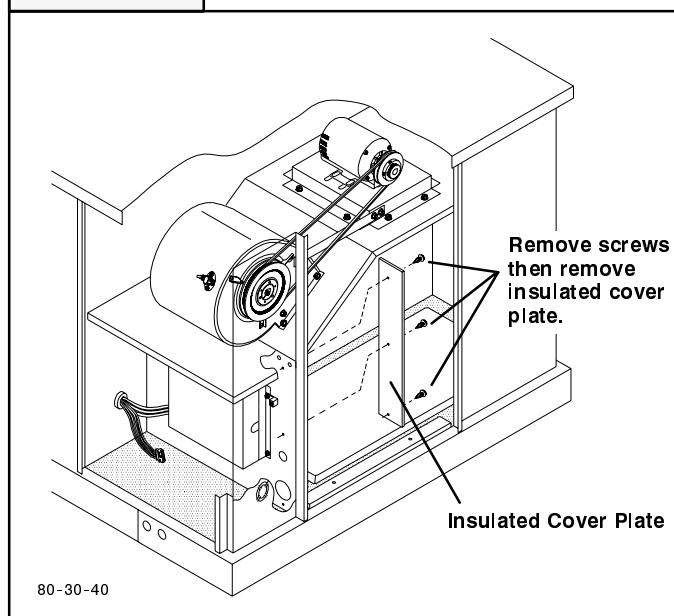
Electrical shock hazard.

Shut OFF electric power at unit disconnect and/or service panel before beginning the following procedures.

Failure to follow this warning can result in property damage, personal injury, and/or death.

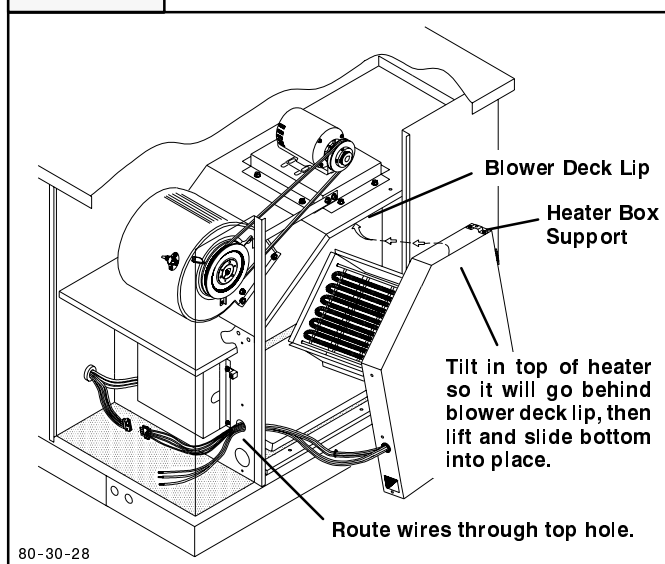
1. Shut **OFF** electric power at unit disconnect or service panel.
2. Remove the fuse box panel and the side blower panel from unit.
3. From inside the heater compartment, remove the insulated cover plate located on the bottom left of the wall separating the heater compartment from the fuse box compartment (see **Figure 1**).

Figure 1 Removing Insulated Cover Plate



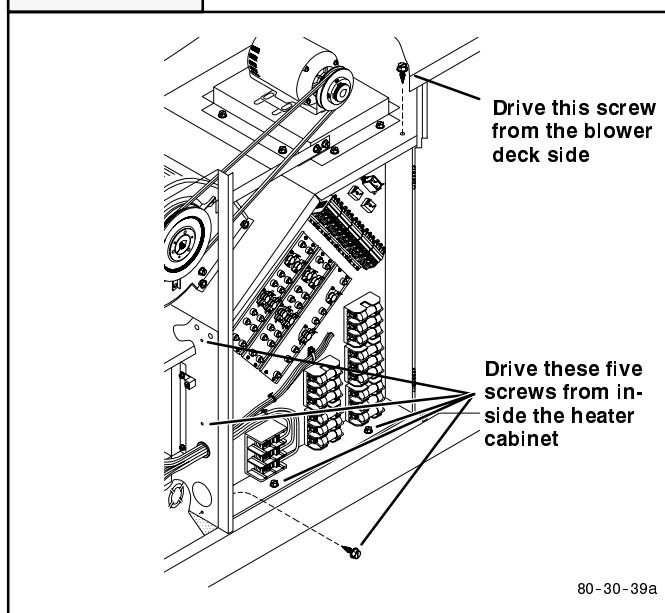
4. Install the appropriate heater box support onto the top of the electric heat accessory with the two screws provided. Part #1071482, the smaller of the two provided, is used on 7 1/2 and 10 ton units. Part #1071483 is used on 12 1/2 and 15 ton units (see **Figure 2** for location of heater box support).
5. If unit is set up for horizontal airflow, remove the two screws securing the downflow cover plate that are in the immediate path of the electric heat accessory.

Figure 2 Installing The Electric Heat Accessory



6. Move the electric heat accessory to a spot directly outside of the heater compartment opening. Route the low voltage plug through the upper hole that had been covered by the insulated cover plate and pull the slack out of the low voltage wires. Do the same with the three leads from the distribution block.
7. To set the electric heat accessory into the heater compartment, tilt the top of the box into the heater compartment then slide the bottom into place.
8. Secure the electric heat accessory to the unit with the six screws provided as shown in **Figure 3**.

Figure 3 Securing the Unit



4. Electrical Wiring

WARNING

Electrical shock hazard.

Shut OFF electric power at unit disconnect or service panel before making any electrical connections.

Unit MUST be grounded before making line voltage connections. Do NOT fuse ground or neutral conductors.

Failure to follow this warning can result in property damage, personal injury, and/or death.

NOTE: All electrical work **MUST** conform with the requirements of local codes and ordinances and in the United States with National Electrical Code ANSI/NFPA70-1990 (or current edition) and in Canada CSA C.22.1 - Canadian Electrical Code Part 1 (or current edition). Provide line voltage power supply from a separate protected circuit with a disconnect switch (when required) located within sight of the unit. Supply voltage, amperage, wire, fuse and disconnect switch sizes **MUST** conform with all technical specifications in this manual and on the package unit rating plate.

Wiring **MUST** be protected from possible mechanical damage and **MUST NOT** interfere with removal of access panels, filters, etc.

All exposed wiring or connections **MUST** be made with weatherproof cable or wire unless installed in conduit.

All line voltage connections and the ground connection **MUST** be made with copper wire.

The power supply wiring **MUST** have over current protection. This can be either fuses or circuit breakers. The maximum size for the over current protection is shown in the column labeled "Max. Fuse or NECR Breaker (Amps)" in the Electrical Data Table in **Figure 5** or on the single package air conditioner rating plate.

Grounding

Permanently ground this appliance in accordance with local codes and ordinances and in the United States with National Electrical Code ANSI/NFPA70-1990 (or current edition) and in Canada with CSA C.22.1 - Canadian Electrical Code Part 1 (or current edition). Use a copper conductor of the appropriate size from the appliance to the ground lug on the fuse block as shown in **Figure 4**.

Adjust Thermostat Anticipator

Set the heat anticipator setting of the thermostat to the proper value. See instructions provided with the thermostat before making this adjustment.

On single stage electric heat accessories, set anticipator to 0.15. On two stage electric heat accessories, set anticipator to 0.30.

Limit Controls

The 10 and 15 kW heater elements have two automatic reset limit controls. The 30 kW heater element has four automatic reset limit controls. These limit controls are mounted on the face of the heater and are wired into the supply wires to each element. If there is not enough air flow through the heater, the limit will open and break the power circuit. The limit will reset when it cools down.

Time Delay Operation

The heater elements are switched **ON** and **OFF** through one or more controls which operate through the low voltage thermostat circuit.

These controls consist of a number of solid state time delays depending on the specific electric heat accessory model. An electric heat accessory has anywhere from 0-3 of these controls. When the thermostat contacts close, the indoor blower and the first heater bank increment will be energized. This activates the first time delay coil if so installed. After approximately 30 seconds, the second heater bank increment is energized. This activates any subsequent time delay coil to energize the next heater bank increment if so installed. This process continues until all heater banks are energized.

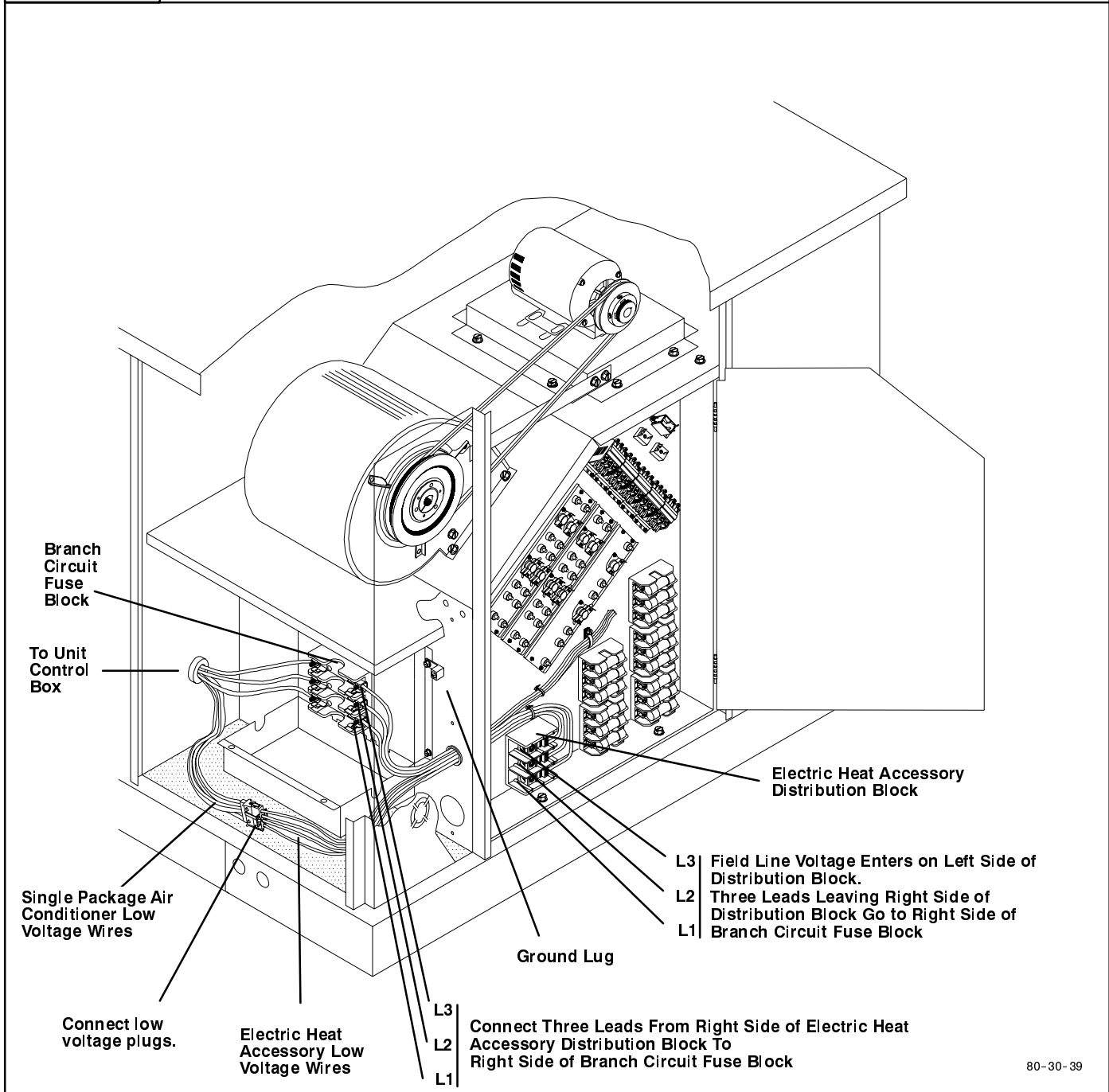
On two stage electric heat accessories, each stage will operate independently as above until all heater bank increments for that particular heat stage are energized.

Installing Wiring

1. Shut **OFF** electric power at unit disconnect or service panel.

NOTE: If the electric heat accessory is being added to a unit that has already been wired for cooling, remove field line voltage wires from L1, L2 and L3 on line side of fuse block and install onto L1, L2 and L3 on line side of electric heat accessory distribution block (see **Figure 4**).

2. Route field supplied line voltage wires through the conduit fitting, through the fuse block compartment and into the electric heat accessory (see **Figure 4**).
3. Make line voltage connections to the line side of the electric heat accessory distribution block.
4. Connect field installed copper ground wire to the ground lug on the package unit branch circuit fuse block.
5. Connect the electric heat accessory's low voltage plug to the mating low voltage plug of the package unit.
6. Connect the three leads from the right side of L1, L2 and L3 of the electric heat accessory's distribution block to L1, L2 and L3 of the right side of the branch circuit fuse block on the package unit. Note that both sets of connections on the distribution block and the fuse block are L1, L2, and L3 from the bottom up.

Figure 4**Installing Wiring**

80-30-39

5. Start-up Procedures

WARNING

Electrical shock hazard.

Use extreme care during all of the following checks and procedures.

Make sure electric power is turned OFF as instructed in appropriate steps.

Failure to follow this warning can result in property damage, personal injury, and/or death.

Check the unit's operation as outlined in the following instructions.

NOTE: The electric heat accessory Start-up Procedures are performed *after* the package unit has been set to the proper airflow for cooling and the cooling Start-up Procedures have been completed. If these have not been done, first perform the Airflow and Start-up Procedures in the *Installation Instructions* for the package unit before continuing with this section.

Blower Check

NOTE: Do not repeat Blower Check if it has just been done during the package unit Start-up Procedures.

1. Shut electric power **OFF**.
2. Set thermostat Heat-Cool selector to **OFF**.
3. Set thermostat fan switch to **AUTO**.
4. Turn electric power **ON**. Nothing should start running. If any unusual arcing, odors or noises are encountered, shut electric power **OFF** immediately and check for wiring errors or obstructions in or near blower.
5. Set thermostat fan switch to **ON**. The circulating air blower should come on.

6. Reset thermostat fan switch to **AUTO**. The circulating air blower should go **OFF**. Nothing should be running.

7. Shut electric power **OFF**.

Temperature Rise Check

Temperature rise is the difference between the supply and return air temperatures. See **Figure 8** and/or **Figure 9** to determine the correct temperature rise for the package unit's airflow. The temperature rise should be $\pm 2^{\circ}\text{F}$ (1.1°C) of the temperature rise specified in **Figure 8** and **Figure 9**.

NOTE: Keep the economizer dampers (if equipped) completely closed while checking the temperature rise.

1. To check the temperature rise through the unit, place thermometers in the supply and return air ducts as close to the unit as possible.
2. Open **ALL** registers and duct dampers.
3. Set thermostat Heat-Cool selector to **HEAT**.
4. Set the thermostat temperature setting as high as it will go.
5. Turn electric power **ON**.
6. Operate unit **AT LEAST** 5 minutes, then check temperature rise.

NOTE: The maximum outlet air temperature for all models is 160°F (71°C).

7. Set thermostat to normal temperature setting.
8. Turn electric power **OFF**.
9. Be sure to seal all holes in ducts if any were created during this process.

6. Operation and Maintenance Instructions

Turning the Unit Off

WARNING

Electrical shock hazard.

Turn OFF electric power supply at disconnect switch or service panel before removing any access or service panel from unit.

Failure to follow this warning can result in property damage, personal injury, and/or death.

Heating

NOTE: If the unit overheats or fails to shut off during operation, shut the electric power **OFF** at disconnect switch or service panel.

1. Set thermostat selector to **OFF** and fan switch to **AUTO**.
2. To shut the unit down completely, shut electric power supply **OFF** at disconnect switch or service panel.

Starting the Unit After Shutdown

WARNING

Electrical shock hazard.

Turn OFF electric power supply at disconnect switch or service panel before removing any access or service panel from unit.

Failure to follow this warning can result in property damage, personal injury, and/or death.

Heating

1. Set the thermostat to **OFF**.
2. Turn electric power **ON**.
3. Set thermostat to desired temperature and set selector to **HEAT**. Unit will come on and operate automatically under control of the thermostat.

7. Technical Data

Figure 5		Electrical Data - Electric Heat Accessory (For 208V Units See Note Below)							
Package Cooling Unit	Electric Heat Accessory Model #	Supply Voltage	kW Rating	Nominal Btu/h	Heater Amps	Motor Amps	Total Amps	Minimum Circuit Ampacity	Max. Fuse or NEC HACR Breaker (Amps)
7 1/2 ton 208/230V	AEB010EHA3	240-3-60	10	34,140	24.1	6.8	30.9	38.6	40
	AEB020EHA3		20	68,280	48.2		55.0	68.8	70
	AEB030EHA3		30	102,420	72.3		79.1	98.9	100
	AEB045EHA3		45	153,630	108.4		115.2	144.0	150
7 1/2 ton 460V	AEB010ELA3	480-3-60	10	34,140	12.0	3.4	15.4	19.3	20
	AEB020ELA3		20	68,280	24.1		27.5	34.4	35
	AEB030ELA3		30	102,420	36.1		39.5	49.4	50
	AEB045ELA3		45	153,630	54.2		57.6	72.0	80
7 1/2 ton 575V	AEB010ESA3	600-3-60	10	34,140	9.6	2.7	12.3	15.4	20
	AEB020ESA3		20	68,280	19.3		22.0	27.5	30
	AEB030ESA3		30	102,420	28.9		31.6	39.5	40
	AEB045ESA3		45	153,630	43.4		46.1	57.6	60
10 ton 208/230V	AEB020EHA3	240-3-60	20	68,280	48.2	10.4	58.6	73.3	80
	AEB030EHA3		30	102,420	72.3		82.7	103.4	110
	AEB045EHA3		45	153,630	108.4		118.8	148.5	150
	AEB060EHA3		60	204,840	144.5		154.9	193.6	200
10 ton 460V	AEB020ELA3	480-3-60	20	68,280	24.1	5.2	29.3	36.6	40
	AEB030ELA3		30	102,420	36.1		41.3	51.6	60
	AEB045ELA3		45	153,630	54.2		59.4	74.3	80
	AEB060ELA3		60	204,840	72.3		77.5	96.9	100
10 ton 575V	AEB020ESA3	600-3-60	20	68,280	19.3	2.7	22.0	27.5	30
	AEB030ESA3		30	102,420	28.9		31.6	39.5	40
	AEB045ESA3		45	153,630	43.4		46.1	57.6	60
	AEB060ESA3		60	204,840	57.8		60.5	75.6	80
12 1/2 ton 208/230V	AEB020EHA3	240-3-60	20	68,280	48.2	9.2	57.4	71.8	80
	AEB030EHA3		30	102,420	72.3		81.5	101.9	110
	AEB045EHA3		45	153,630	108.4		117.6	147.0	150
	AEB060EHA3		60	204,840	144.5		153.7	192.1	200
12 1/2 ton 460V	AEB020ELA3	480-3-60	20	68,280	24.1	4.6	28.7	35.9	40
	AEB030ELA3		30	102,420	36.1		40.7	50.9	60
	AEB045ELA3		45	153,630	54.2		58.8	73.5	80
	AEB060ELA3		60	204,840	72.3		76.9	96.1	100
12 1/2 ton 575V	AEB020ESA3	600-3-60	20	68,280	19.3	3.6	22.9	28.6	30
	AEB030ESA3		30	102,420	28.9		32.5	40.6	45
	AEB045ESA3		45	153,630	43.4		47.0	58.8	60
	AEB060ESA3		60	204,840	57.8		61.4	76.8	80
15 ton 208/230V	AEB030EHA3	240-3-60	30	102,420	72.3	15.0	87.3	109.1	110
	AEB045EHA3		45	153,630	108.4		123.4	154.3	175
	AEB060EHA3		60	204,840	144.5		159.5	199.4	200
	AEB075EHA3		75	256,050	180.6		195.6	244.5	250
15 ton 460V	AEB030ELA3	480-3-60	30	102,420	36.1	7.5	43.6	54.5	60
	AEB045ELA3		45	153,630	54.2		61.7	77.1	80
	AEB060ELA3		60	204,840	72.3		79.8	99.8	100
	AEB075ELA3		75	256,050	90.3		97.8	122.3	125
15 ton 575V	AEB030ESA3	600-3-60	30	102,420	28.9	5.4	34.3	42.9	45
	AEB045ESA3		45	153,630	43.4		48.8	61.0	70
	AEB060ESA3		60	204,840	57.8		63.2	79.0	80
	AEB075ESA3		75	256,050	72.3		77.7	97.1	100

NOTE: For 208V units: multiply the kW and Btu/h figures by 0.82; multiply heater amp figures by 0.94.

Figure 6		Electrical Data - Electric Heat Accessory (For 208V Units See Note Below)						
Package Heat Pump	Electric Heat Accessory Model #	Supply Voltage	kW Rating	Nominal Btu/h	Heater Amps	Motor Amps	Minimum Circuit Ampacity	Max. Fuse or NEC HACR Breaker (Amps)
7 1/2 ton 208/230V	AEB010EHA3	240-3-60	10	34,140	24.1	7.1	69.1	70
	AEB020EHA3		20	68,280	48.2		99.3	100
	AEB030EHA3		30	102,420	72.3		129.4	130
	AEB040EHA3		40	136,560	99.0		162.8	170
7 1/2 ton 460V	AEB010ELA3	480-3-60	10	34,140	12.0	3.6	33.2	35
	AEB020ELA3		20	68,280	24.1		48.3	50
	AEB030ELA3		30	102,420	36.1		63.3	70
	AEB045ELA3		45	153,630	54.2		86.0	90
7 1/2 ton 575V	AEB010ESA3	600-3-60	10	34,140	9.6	2.8	26.8	30
	AEB020ESA3		20	68,280	19.3		38.9	40
	AEB030ESA3		30	102,420	28.9		50.9	60
	AEB045ESA3		45	153,630	43.4		69.1	70
10 ton 208/230V	AEB020EHA3	240-3-60	20	68,280	48.2	10.4	116.6	120
	AEB030EHA3		30	102,420	72.3		146.7	150
	AEB040EHA3		40	136,560	99.0		180.1	190
	AEB060EHA3		60	204,840	144.5		236.9	240
10 ton 460V	AEB020ELA3	480-3-60	20	68,280	24.1	5.2	59.1	60
	AEB030ELA3		30	102,420	36.1		74.1	80
	AEB045ELA3		45	153,630	54.2		96.8	100
	AEB060ELA3		60	204,840	72.3		119.4	120
10 ton 575V	AEB020ESA3	600-3-60	20	68,280	19.3	4.2	47.4	50
	AEB030ESA3		30	102,420	28.9		59.4	60
	AEB045ESA3		45	153,630	43.4		77.6	80
	AEB060ESA3		60	204,840	57.8		95.6	100

NOTE: For **208V** units: multiply the kW and Btu/h figures by 0.82; multiply heater amp figures by 0.94.

Figure 7		Performance Data - Electric Heat Accessory (For 208V Units See Note Below)			
Electric Heat Accessory Model #	Supply Voltage	kW Rating	1st Stage Heating Btu/h	2nd Stage Heating Btu/h	Total Heating Btu/h
AEB010EHA3 AEB010ELA3 AEB010ESA3	240-3-60 480-3-60 600-3-60	10	34,140	N/A	34,140
AEB020EHA3 AEB020ELA3 AEB020ESA3	240-3-60 480-3-60 600-3-60	20	68,280	N/A	68,280
AEB030EHA3 AEB030ELA3 AEB030ESA3	240-3-60 480-3-60 600-3-60	30	102,420	N/A	102,420
AEB040EHA3 *	240-3-60	40	102,420	34,140	136,560
AEB045EHA3 ** AEB045ELA3 AEB045ESA3	240-3-60 480-3-60 600-3-60	45	102,420	51,210	153,630
AEB060EHA3 AEB060ELA3 AEB060ESA3	240-3-60 480-3-60 600-3-60	60	102,420	102,420	204,840
AEB075EHA3 AEB075ELA3 AEB075ESA3	240-3-60 480-3-60 600-3-60	75	153,630	102,420	256,050

NOTE: For **208V** units: multiply the kW and Btu/h figures by 0.82.

* AEB040EHA3 used on Heat Pump Models only.

** AEB045EHA3 used on A/C Models only.

Figure 8

Temperature Rise (°F) vs. CFM; For 208V Models See Note Below

Electric Heat Accessory Model #	CFM											
	2625	3000	3375	3500	4000	4375	4500	5000	5250	5625	6000	6750
AEB010***	12.0	10.5	9.4									
AEB020***	24.1	21.1	18.7	18.1	15.8	14.4	14.1	12.6	12.0	11.2		
AEB030***	36.1	31.6	28.1	27.1	23.7	21.7	21.1	19.0	18.1	16.9	15.8	14.0
AEB040***	48.1	42.1	37.4	36.1	31.6	28.9	28.1	25.3	24.1	22.5	21.1	18.7
AEB045***	54.2	47.4	42.1	40.6	35.6	32.5	31.6	28.4	27.1	25.3	23.7	21.1
AEB060***				54.2	47.4	43.3	42.1	37.9	36.1	33.7	31.6	28.1
AEB075***									45.1	42.1	39.5	35.1

NOTE: *** refers to all voltage models in a particular series except 208v units. For 208V units multiply selected temperature rise by 0.82

NOTE: For Standard Cooling Operating Range, refer to package unit *Installation Instructions*.

Heating Temperature Rise Formula

$$\text{Temperature Rise } ^\circ\text{F} = \frac{3160 \times \text{kW}}{\text{CFM}}$$

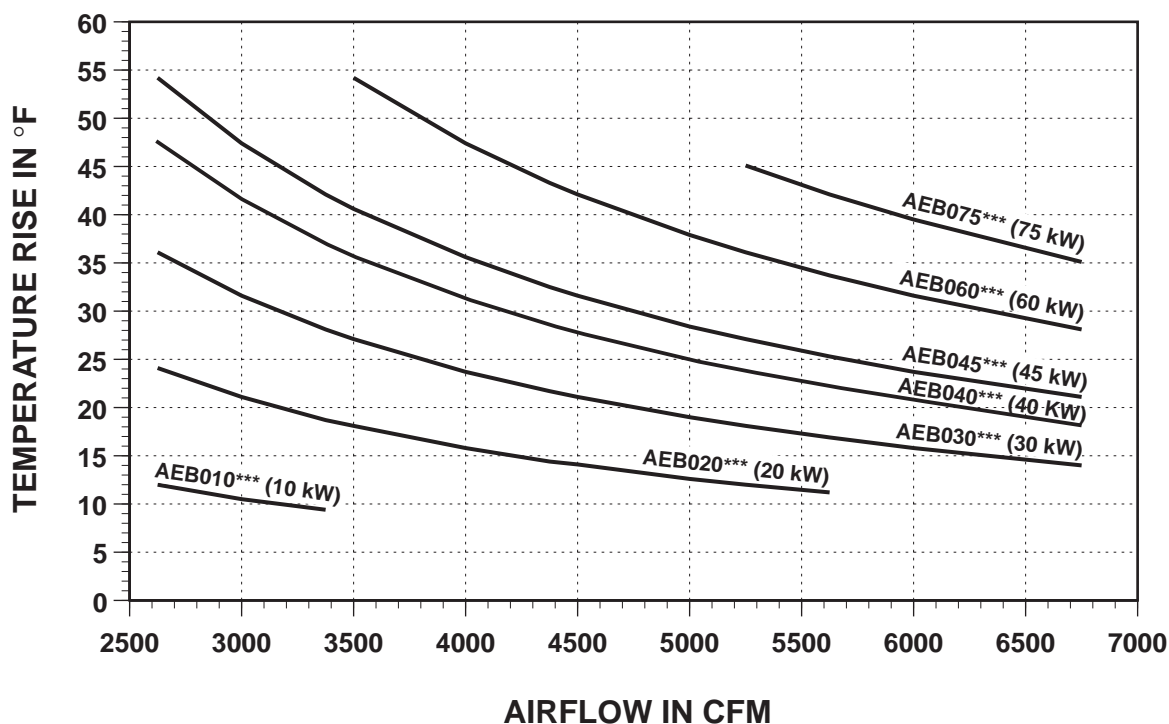
3160 = constant

kW = kW rating of electric heat accessory

CFM = airflow in CFM at specified conditions

Figure 9

Temperature Rise (°F) vs. CFM; For 208V Models See Note Below



NOTE: *** refers to all voltage models in a particular series except 208v units. For 208V units multiply selected temperature rise by 0.82.

NOTE: For Standard Cooling Operating Range, refer to package unit *Installation Instructions*.

8. Wiring Diagrams

Figure 10 Ladder Wiring Diagram For All Electric Heat Accessory Models

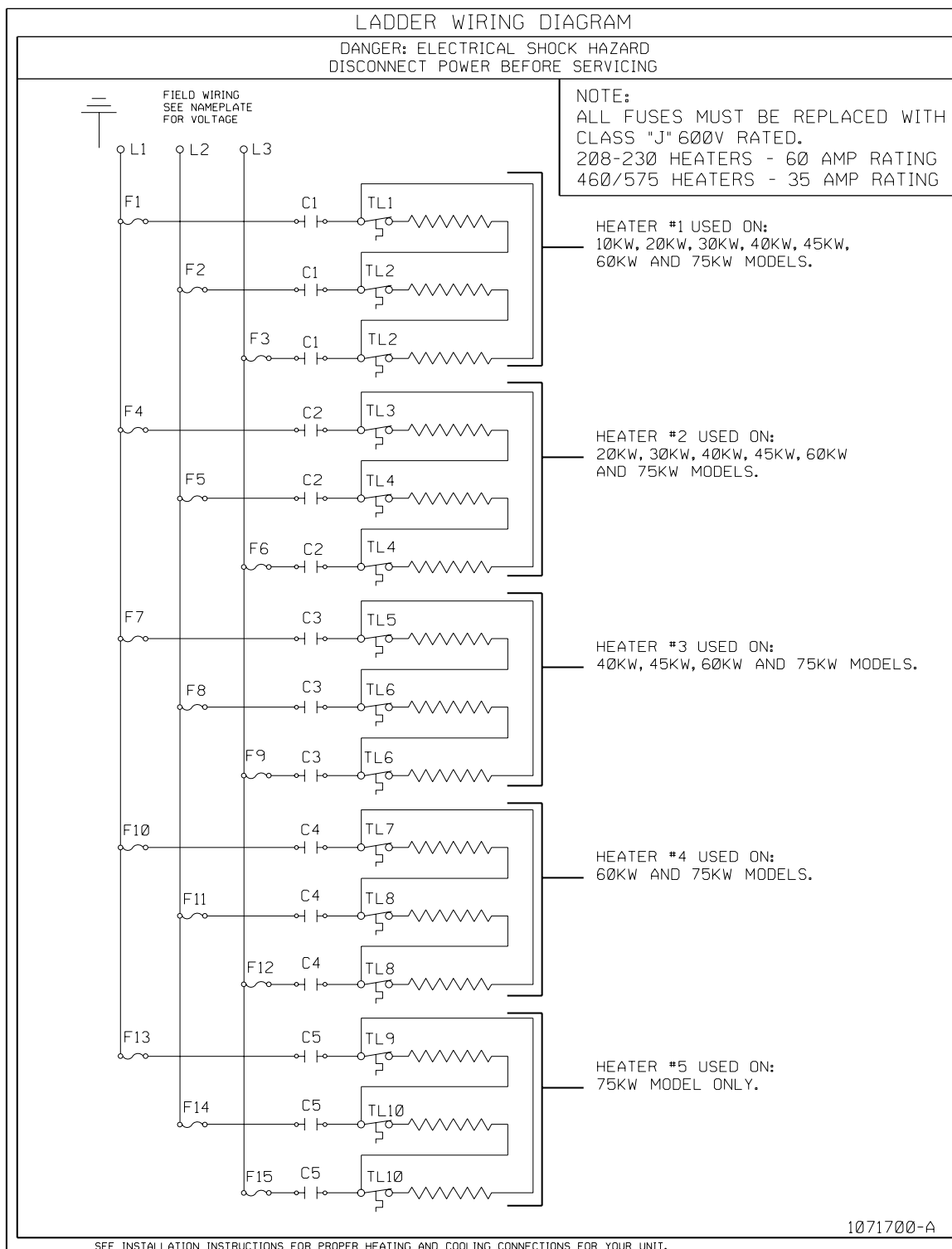
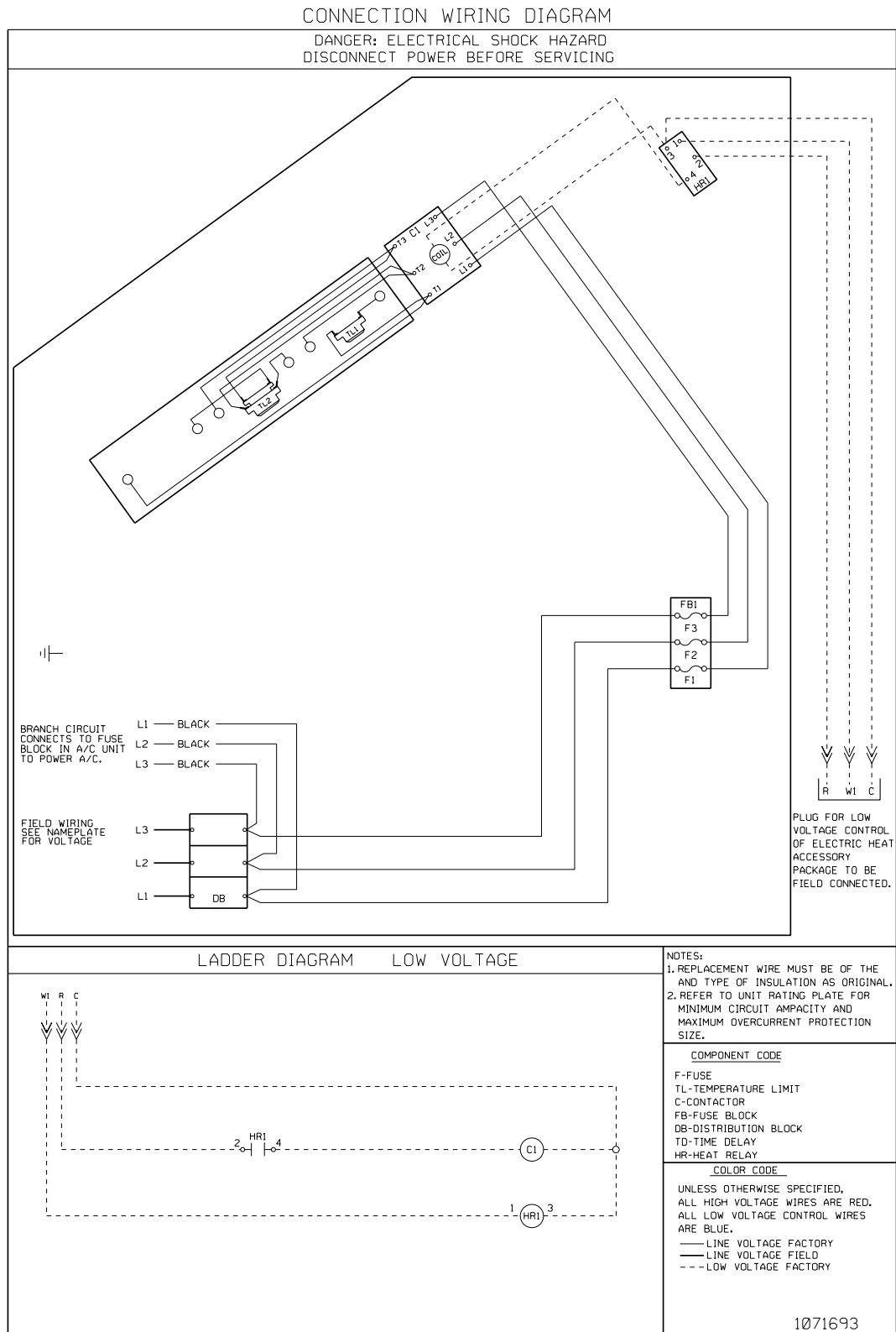


Figure 11

Connection Wiring Diagram For AEB010EHA3, AEB010ELA3, AEB010ESA3 AEB020EHA3, AEB020ELA3, AEB020ESA3



SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT.

Figure 12

Connection Wiring Diagram For AEB030EHA3, AEB030ELA3, and AEB030ESA3

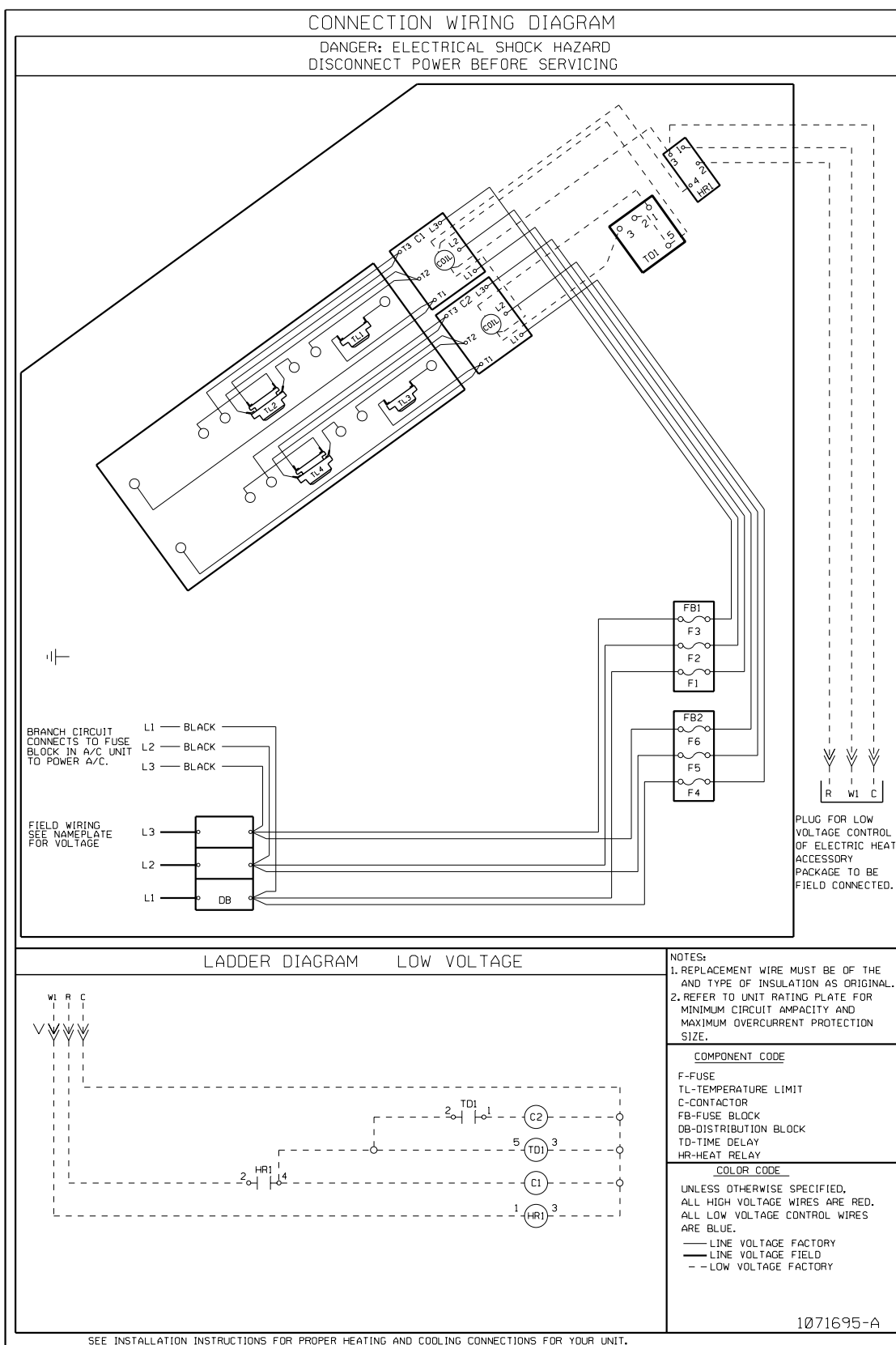


Figure 13

Connection Wiring Diagram For AEB040EHA3, AEB045EHA3, AEB045ELA3, and AEB045ESA3

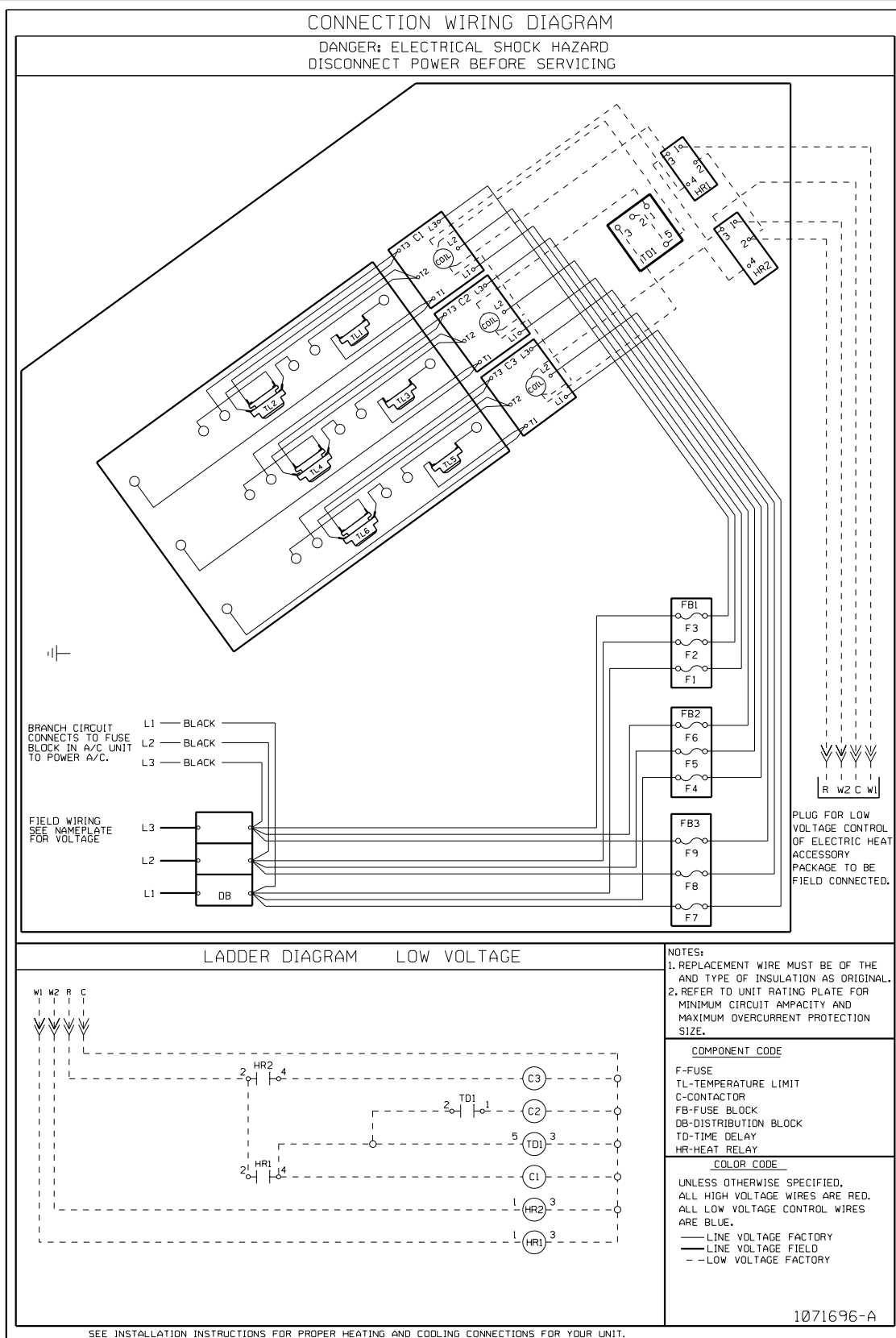


Figure 14

Connection Wiring Diagram For AEB060EHA3, AEB060ELA3, and AEB060ESA3

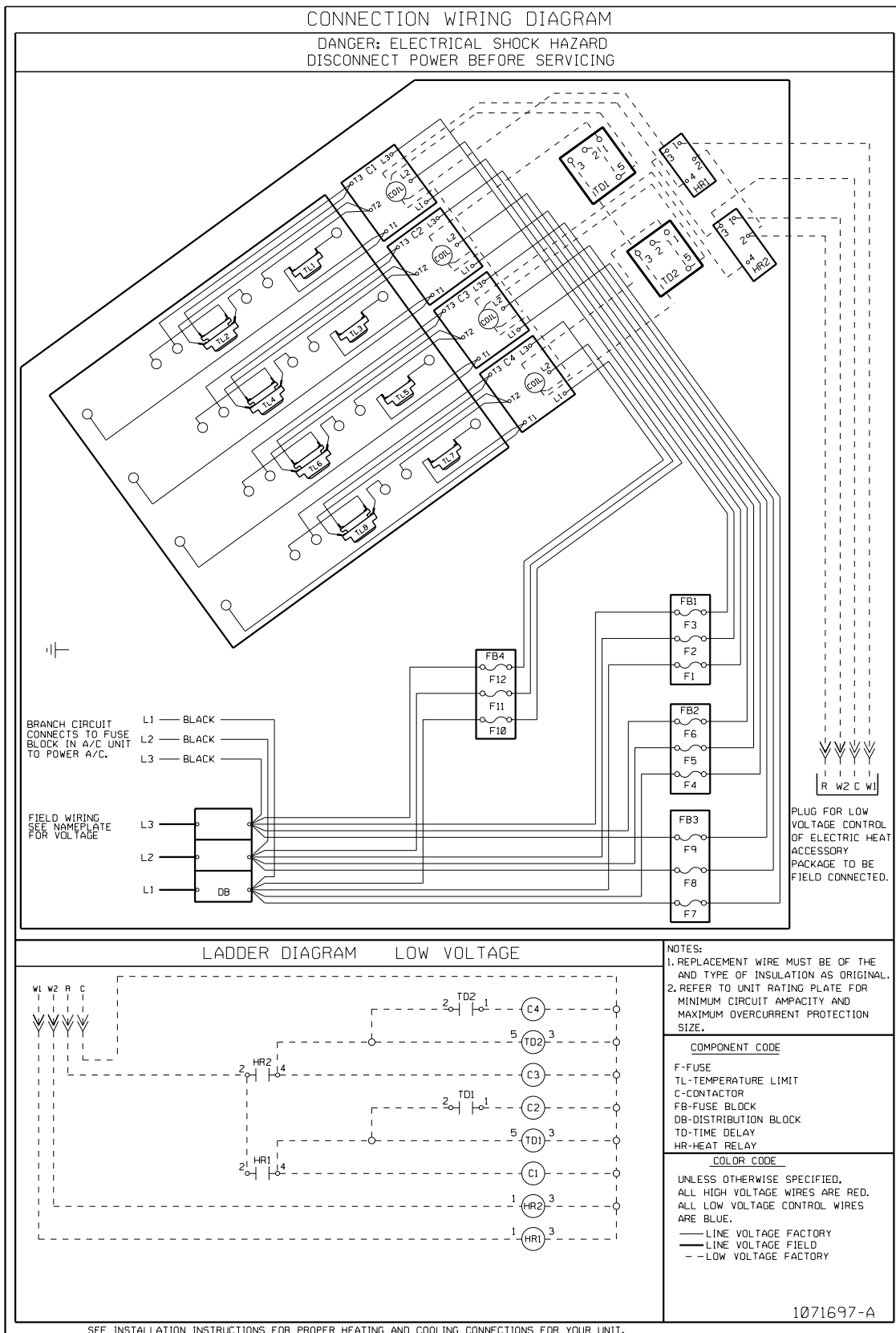
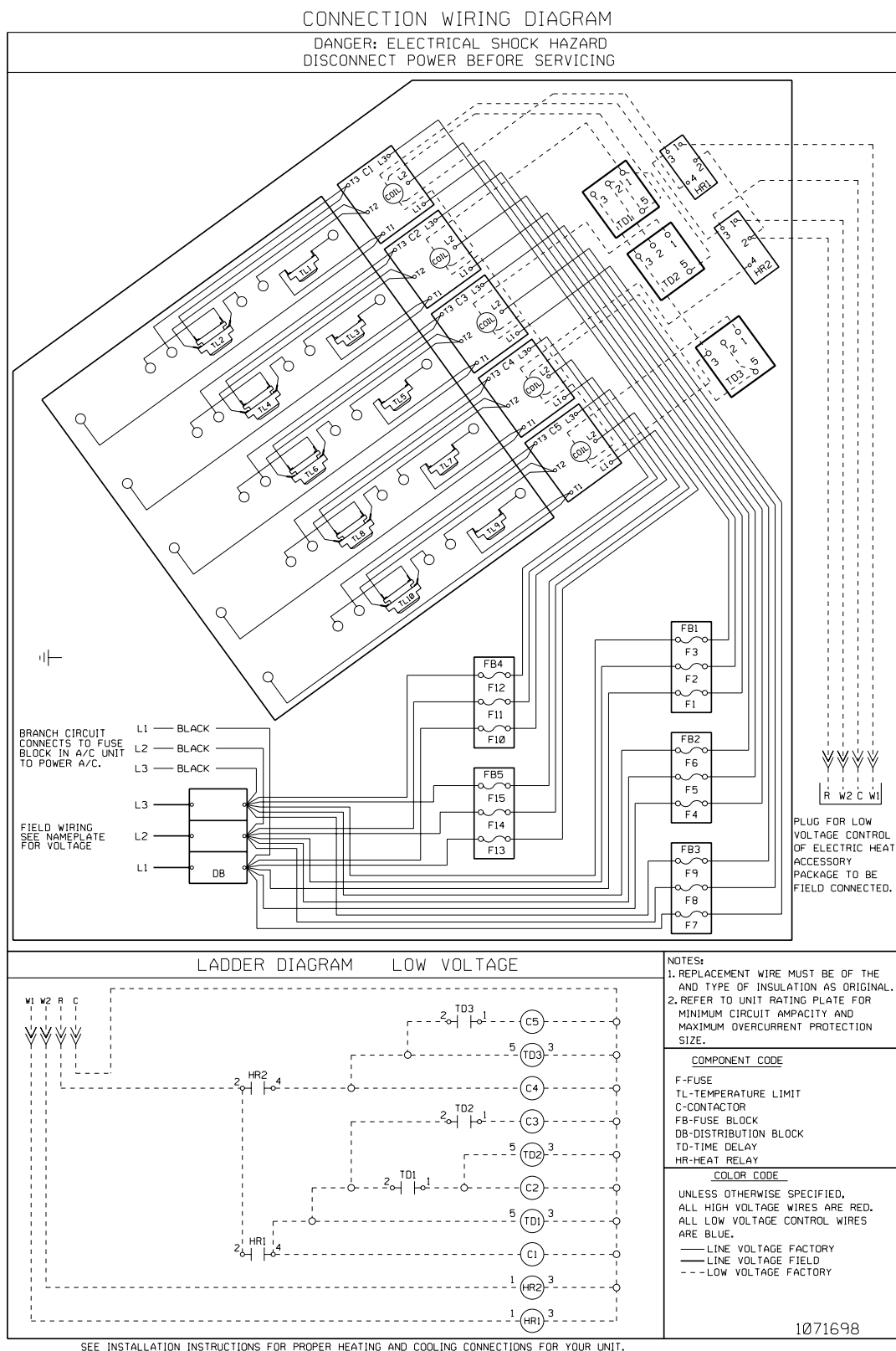
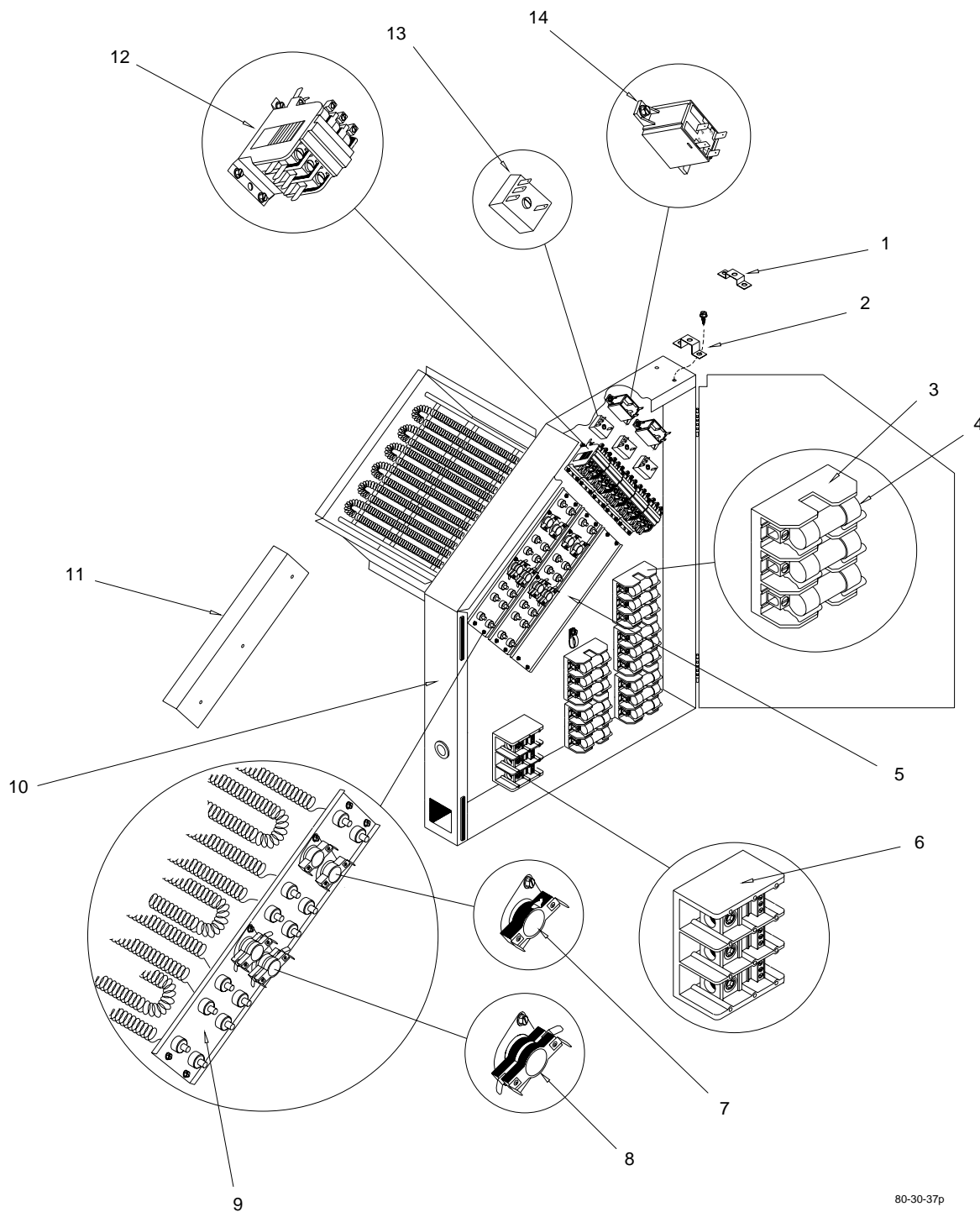


Figure 15

Connection Wiring Diagram For AEB075EHA, AEB075ELA, and AEB075ESA



9. Replacement Parts



Replacement Parts

Model Number/Quantity Required

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

Key No.	Description	Replacement Part Number	AEB0					
			10EHA3	10ELA3	10ESA3	20EHA3	20ELA3	20ESA3
1	Support, Heater Box	1071482	1	1	1	1	1	1
2	Support, Heater Box	1071483	1	1	1	1	1	1
3	Block, Fuse	1071525	1	1	1	2	2	2
4	Fuse, 35A JKS-35	1071674	-	3	3	-	6	6
	Fuse, 60A JKS-60	1071673	3	-	-	6	-	-
5	Plate, Element Cover	1071499	2	2	2	1	1	1
6	Block, Distribution	1071524	1	1	1	1	1	1
7	Switch, Limit #1	1071527	1	1	1	2	2	2
8	Switch, Limit #2	1071692	1	1	1	2	2	2
9	Element, Heat 10kW-230	1071388	1	-	-	2	-	-
	Element, Heat 10kW-460	1071389	-	1	-	-	2	-
	Element, Heat 10kW-575	1071390	-	-	1	-	-	2
10	Box Asy, Insulated	1071740	1	1	1	1	1	1
11	Baffle, Heater	1071686	1	1	1	1	1	1
12	Contactor	1071498	1	1	1	2	2	2
13	Relay, Time Delay	1071526	-	-	-	1	1	1
14	Relay, SPST	1053004	1	1	1	1	1	1
) (	Manual, Installation & Parts	1071620	1	1	1	1	1	1
) (	PART NOT ILLUSTRATED							
FOR PARTS ILLUSTRATION, SEE PAGE 19								

Replacement Parts

Model Number/Quantity Required

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

Key No.	Description	Replacement Part Number	AEB0						
			30EHA3	30ELA3	30ESA3	40EHA3	45EHA3	45ELA3	45ESA3
1	Support, Heater Box	1071482	1	1	1	1	1	1	1
2	Support, Heater Box	1071483	1	1	1	1	1	1	1
3	Block, Fuse	1071525	2	2	2	3	3	3	3
4	Fuse, 35A JKS-35	1071674	-	6	6	-	9	9	-
	Fuse, 60A JKS-60	1071673	6	-	-	9	9	-	-
5	Plate, Element Cover	1071499	2	2	2	1	1	1	1
6	Block, Distribution	1071524	1	1	1	1	1	1	1
7	Switch, Limit #1	1071527	2	2	2	-	3	3	3
		1066427	-	-	-	3	-	-	-
8	Switch, Limit #2	1071692	2	2	2	-	3	3	3
		1066429	-	-	-	3	-	-	-
9	Element, Heat 10kW-230	1071388	-	-	-	1	-	-	-
	Element, Heat 15kW-230	1071391	-	-	-	-	1	-	-
	Element, Heat 15kW-460	1071392	-	-	-	-	-	1	-
	Element, Heat 15kW-575	1071393	-	-	-	-	-	-	1
	Element, Heat 30kW-230	1071394	1	-	-	-	1	-	-
	Element, Heat 30kW-460	1071395	-	1	-	-	-	1	-
	Element, Heat 30kW-575	1071396	-	-	1	-	-	-	1
10	Box Asy, Insulated	1071740	1	1	1	1	1	1	1
11	Baffle, Heater	1071686	1	1	1	1	1	1	1
12	Contacto	1071498	2	2	2	3	3	3	3
13	Relay, Time Delay	1071526	1	1	1	1	1	1	1
14	Relay, SPST	1053004	1	1	1	2	2	2	2
) (	Manual, Installation & Parts	1071843	1	1	1	1	1	1	1
) (	PART NOT ILLUSTRATED								
FOR PARTS ILLUSTRATION, SEE PAGE 19									

Replacement Parts

Replacement part supplied will be current active part.
For parts not listed, consult place of purchase.

Model Number/Quantity Required

AEB0

Key No.	Description	Replacement Part Number						
			60EHA2	60ELA3	60ESA3	75EHA3	75ELA3	75ESA3
1	Support, Heater Box	1071482	1	1	1	1	1	1
2	Support, Heater Box	1071483	1	1	1	1	1	1
3	Block, Fuse	1071525	4	4	4	5	5	5
4	Fuse, 35A JKS-35	1071674	-	12	12	-	15	15
	Fuse, 60A JKS-60	1071673	12	-	-	15	-	-
5	Plate, Element Cover	1071499	1	1	1	-	-	-
6	Block, Distribution	1071524	1	1	1	1	1	1
7	Switch, Limit #1	1095334	4	-	-	-	-	-
		1071527	-	4	4	5	5	5
8	Switch, Limit #2	1095335	4	-	-	-	-	-
		1071692	-	4	4	5	5	5
9	Element, Heat 15kW-230	1071391	-	-	-	1	-	-
	Element, Heat 15kW-460	1071392	-	-	-	-	1	-
	Element, Heat 15kW-575	1071393	-	-	-	-	-	1
	Element, Heat 30kW-230	1071394	2	-	-	2	-	-
	Element, Heat 30kW-460	1071395	-	2	-	-	2	-
	Element, Heat 30kW-575	1071396	-	-	2	-	-	2
10	Box Asy, Insulated	1071740	1	1	1	1	1	1
11	Baffle, Heater	1071686	1	1	1	1	1	1
12	Contactor	1071498	4	4	4	5	5	5
13	Relay, Time Delay	1071526	2	2	2	3	3	3
14	Relay, SPST	1053004	2	2	2	2	2	2
) (	Manual, Installation and Parts	1071843	1	1	1	1	1	1
) (	PART NOT ILLUSTRATED							
FOR PARTS ILLUSTRATION, SEE PAGE 19								