



## YPAL CONTROL PANELS

RENEWAL PARTS

Supersedes: Nothing

Form 100.50-RP1 (404)

### UNIT COMPONENTS YPAL CONTROL PANELS



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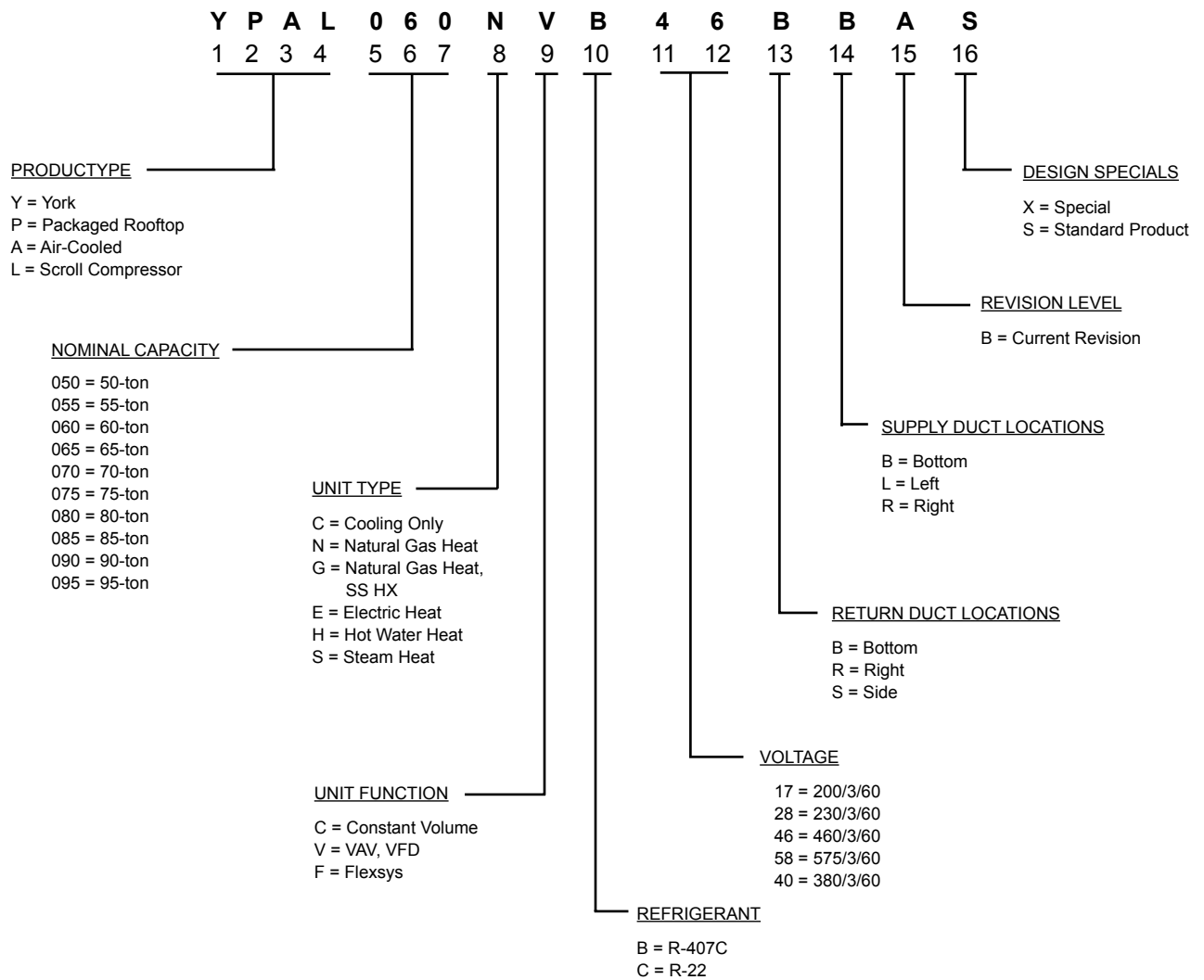
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**BASIC MODEL NUMBER**



## SECTION 1 - FAN SUB PANELS 50-95 TON

### VARIABLE AIR VOLUME (VAV) SUPPLY FAN

**208V - 230V UNITS 10 TO 60 HP (SEE FIGURE 1)**

ITEM	DESCRIPTION	Supply Fan HP			
		10-15	20-30	40-60	40-60*
2B	7FU, Fuse Block	025-37608-000	025-37609-000	025-37610-000	025-37607-000
2I	Ground Lug	025-34455-000	025-34455-000	025-34088-000	025-34089-000
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000

\* Only used when the unit is equipped with a 30 HP Exhaust Fan.

**380V-60 HZ - 400V-50 HZ UNITS 10 TO 60 HP (SEE FIGURE 1)**

ITEM	DESCRIPTION	Supply Fan HP			
		10-15	20-30	40-50	60
2B	7FU, Fuse Block	025-37635-000	025-37608-000	025-37609-000	025-37610-000
2I	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34088-000
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000

**460V UNITS 10 TO 60 HP (SEE FIGURE 2)**

ITEM	DESCRIPTION	Supply Fan HP		
		10-20	25-40	50-60
2B	7FU, Fuse Block	025-37635-000	025-37608-000	025-37609-000
2I	Ground Lug	025-34455-000	025-34455-000	025-34455-000
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000

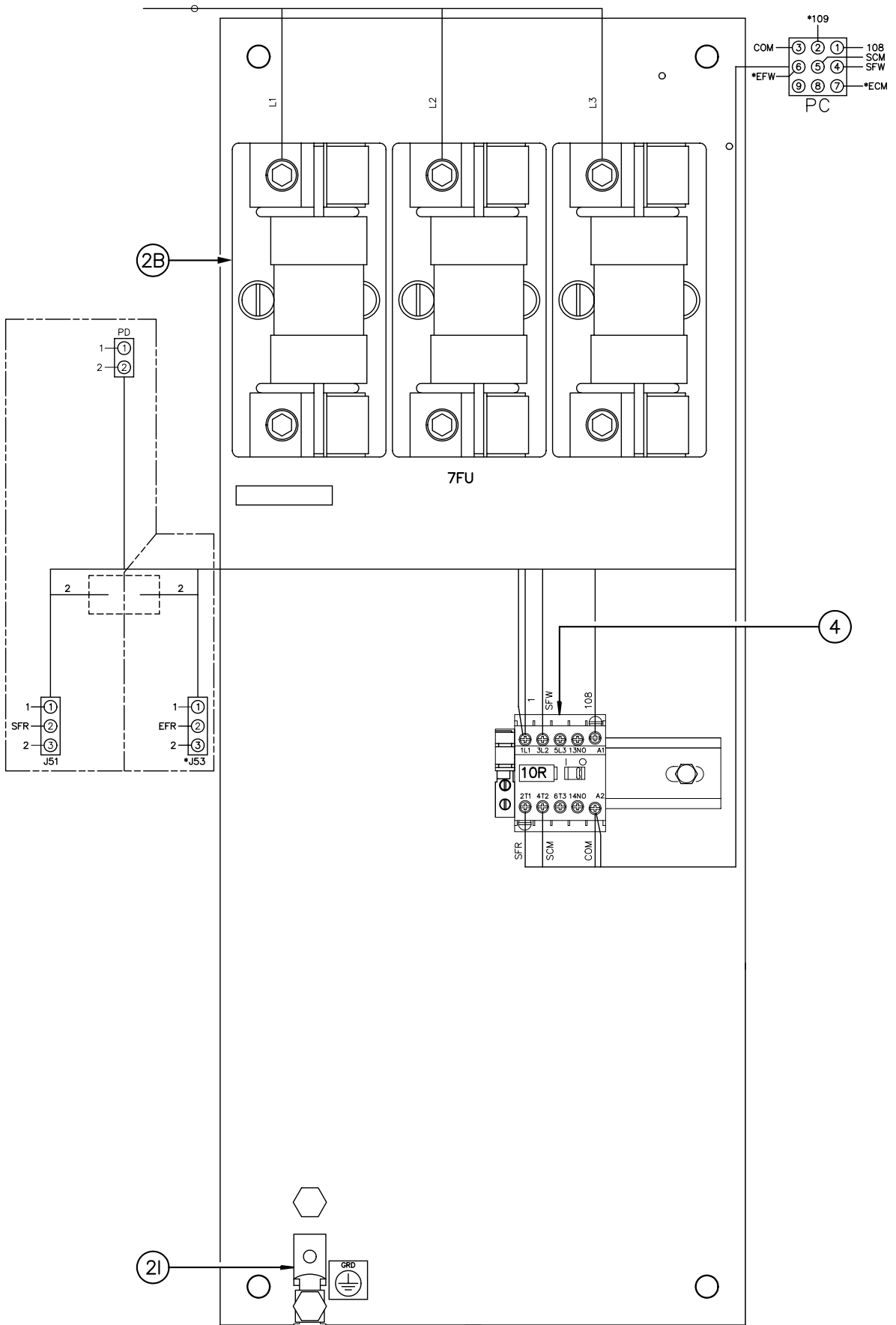
**575V UNITS 10 TO 60 HP (SEE FIGURE 2)**

ITEM	DESCRIPTION	Supply Fan HP		
		10-20	25-50	60
2B	7FU, Fuse Block	025-37635-000	025-37608-000	025-37609-000
2I	Ground Lug	025-34455-000	025-34455-000	025-34455-000
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000



*Fuse information can be located in Table 1 on page 53.*





**NOTE:** Exhaust fan components may not be included on this drawing.

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FIG. 2 – VAV SUPPLY FAN

## CONSTANT VOLUME (CV) SUPPLY FAN

### 208V UNIT 10 TO 25 HP (SEE FIGURE 3)

ITEM	DESCRIPTION	Supply Fan HP		
		10	15-20	25
2A	13M, Contactor	024-34308-000	024-34310-000	024-31109-000
2B	13CB/OL, Manual Starter	024-31816-000	025-34488-000	024-33131-000
2C	Surge Suppressor	031-02101-000	031-02101-000	031-02203-000
2E	Ground Lug	025-34455-000	025-34455-000	025-34455-000
2G	13OL, Relay	N/A	N/A	N/A
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000

### 208V UNIT 30 TO 60 HP (SEE FIGURE 4)

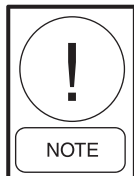
ITEM	DESCRIPTION	Supply Fan HP		
		30	40	50-60
2A	13M, Contactor	024-31110-000	024-31891-000	024-31892-000
2B	13FU, Fuse Block	025-37610-000	025-37610-000	025-37610-000
2C	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000
2E	Ground Lug	025-34088-000	025-34088-000	025-34089-000
2G	13OL, Relay	024-33133-000	024-34295-000	024-34296-000
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000

### 230V UNIT 10 TO 30 HP (SEE FIGURE 3)

ITEM	DESCRIPTION	Supply Fan HP		
		10-15	20-25	30
2A	13M, Contactor	024-34308-000	024-34310-000	024-31109-000
2B	13CB/OL, Manual Starter	024-31816-000	025-34488-000	024-33131-000
2C	Surge Suppressor	031-02101-000	031-02101-000	031-02203-000
2E	Ground Lug	025-34455-000	025-34455-000	025-34455-000
2G	13OL, Relay	N/A	N/A	N/A
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000

### 230V UNIT 40 TO 60 HP (SEE FIGURE 4)

ITEM	DESCRIPTION	Supply Fan HP		
		40	50	60
2A	13M, Contactor	024-31110-000	024-31891-000	024-31892-000
2B	13FU, Fuse Block	025-37610-000	025-37610-000	025-37610-000
2C	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000
2E	Ground Lug	025-34088-000	025-34088-000	025-34089-000
2G	13OL, Relay	024-33133-000	024-34295-000	024-34296-000
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000



*Fuse information can be located in Table 1 on page 53.*

## CONSTANT VOLUME (CV) SUPPLY FAN (CONT'D)

### 380V-60 HZ UNIT 10 TO 50 HP (SEE FIGURE 3)

ITEM	DESCRIPTION	Supply Fan HP				
		10	15	20-25	30-40	50
2A	13M, Contactor	024-34305-000	024-34306-000	024-34308-000	024-34310-000	024-31109-000
2B	13CB/OL, Manual Starter	024-33181-000	024-33182-000	024-31816-000	025-34488-000	024-33131-000
2C	Surge Suppressor	031-02104-000	031-02104-000	031-02101-000	031-02101-000	031-02203-000
2E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2G	13OL, Relay	N/A	N/A	N/A	N/A	N/A
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000

### 380V-60 HZ UNIT 60 HP (SEE FIGURE 4)

ITEM	DESCRIPTION	Supply Fan HP
		60
2A	13M, Contactor	024-31110-000
2B	13FU, Fuse Block	025-37610-000
2C	Surge Suppressor	031-02203-000
2E	Ground Lug	025-34088-000
2G	13OL, Relay	024-33133-000
4	10R, Control Relay	024-31885-000

### 400V-50 HZ UNIT 10 TO 50 HP (SEE FIGURE 3)

ITEM	DESCRIPTION	Supply Fan HP				
		10	15	20	25-40	50
2A	13M, Contactor	024-34304-000	024-34306-000	024-34308-000	024-34310-000	024-31109-000
2B	13CB/OL, Manual Starter	024-33180-000	024-33182-000	024-31816-000	025-34488-000	024-33131-000
2C	Surge Suppressor	031-02104-000	031-02104-000	031-02101-000	031-02101-000	031-02203-000
2E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2G	13OL, Relay	N/A	N/A	N/A	N/A	N/A
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000

### 400V-50 HZ UNIT 60 HP (SEE FIGURE 4)

ITEM	DESCRIPTION	Supply Fan HP
		60
2A	13M, Contactor	024-31110-000
2B	13FU, Fuse Block	025-37610-000
2C	Surge Suppressor	031-02203-000
2E	Ground Lug	025-34088-000
2G	13OL, Relay	024-33133-000
4	10R, Control Relay	024-31885-000



*Fuse information can be located in Table 1 on page 53.*

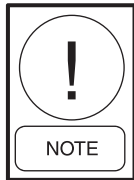
## CONSTANT VOLUME (CV) SUPPLY FAN (CONT'D)

### 460V UNIT 10 TO 60 HP (SEE FIGURE 3)

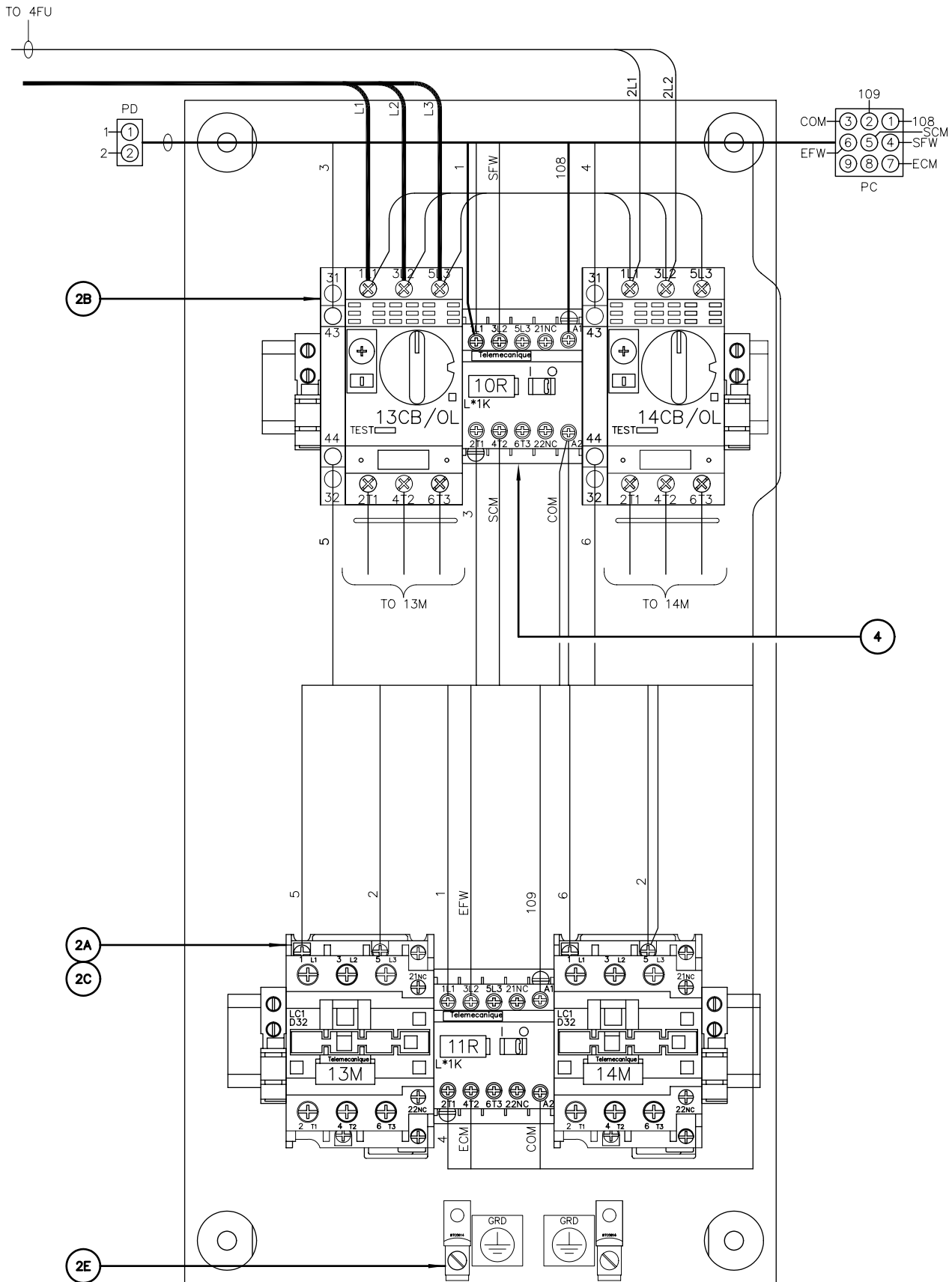
ITEM	DESCRIPTION	Supply Fan HP					
		10	15	20	25-30	40-50	60
2A	13M, Contactor	024-34304-000	024-34305-000	024-34306-000	024-34308-000	024-34310-000	024-31109-000
2B	13CB/OL, Manual Starter	024-33180-000	024-33181-000	024-33182-000	024-31816-000	025-34488-000	024-33131-000
2C	Surge Suppressor	031-02104-000	031-02104-000	031-02104-000	031-02101-000	031-02101-000	031-02203-000
2E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000

### 575V UNIT 10 TO 60 HP (SEE FIGURE 3)

ITEM	DESCRIPTION	Supply Fan HP					
		10	15	20	25	30-40	50-60
2A	13M, Contactor	024-34304-000	024-34304-000	024-34305-000	024-34306-000	024-34308-000	024-34310-000
2B	13CB/OL, Manual Starter	024-33179-000	025-33180-000	024-33181-000	025-33182-000	025-31816-000	025-34488-000
2C	Surge Suppressor	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02101-000	031-02101-000
2E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
4	10R, Control Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000



*Fuse information can be located in Table 1 on page 53.*



**NOTE:** Exhaust fan components may also be included on this drawing.

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FIG. 3 – CV SUPPLY FAN



## CONSTANT VOLUME (CV) EXHAUST FAN

### 208V UNIT (SEE FIGURE 5)

ITEM	DESCRIPTION	EXHAUST FAN HP				
		5	7.5	10	15-20	25
3A	14M, Contactor	024-34304-000	024-34306-000	024-34308-000	024-34310-000	024-31109-000
3B	14CB/OL, Manual Starter	024-33180-000	024-33182-000	024-31816-000	025-34488-000	024-33131-000
3C	Surge Suppressor	031-02104-000	031-02104-000	031-02101-000	031-02101-000	031-02203-000
3E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
4	11R, Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000

### 208V UNIT (SEE FIGURE 6)

ITEM	DESCRIPTION	EXHAUST FAN HP	
		30	30*
3A	14M, Contactor	024-31110-000	024-31110-000
3B	14FU, Fuse Holder	025-37610-000	025-37610-000
3C	Surge Suppressor	031-02203-000	031-02203-000
3E	Ground Lug	025-34088-000	025-34088-000
3G	14O/L, Relay	024-33133-000	024-33133-000
4	11R, Relay	024-31885-000	024-31885-000

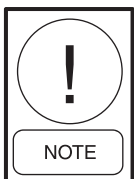
\* Only used when the unit is equipped with a 40-60 HP Supply Fan.

### 230V UNITS (SEE FIGURE 5)

ITEM	DESCRIPTION	EXHAUST FAN HP				
		5	7.5	10-15	20-25	30
3A	14M, Contactor	024-34304-000	024-34306-000	024-34308-000	024-34310-000	024-31109-000
3B	14CB/OL, Manual Starter	024-33180-000	024-33182-000	024-31816-000	024-34488-000	024-33131-000
3C	Surge Suppressor	031-02104-000	031-02104-000	031-02101-000	031-02101-000	031-02203-000
3E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
4	11R, Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000

### 380V-60 HZ UNITS (SEE FIGURE 5)

ITEM	DESCRIPTION	EXHAUST FAN HP					
		5	7.5	10	15	20-25	30
3A	14M, Contactor	024-34300-000	024-34304-000	024-34305-000	024-34306-000	024-34308-000	024-34310-000
3B	14CB/OL, Manual Starter	024-33178-000	024-33180-000	024-33181-000	024-33182-000	024-31816-000	025-34488-000
3C	Surge Suppressor	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02101-000	031-02101-000
3E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
4	11R, Relay	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000



*Fuse information can be located in Table 2 on page 54.*

## CONSTANT VOLUME (CV) EXHAUST FAN (CONT'D)

1

### 400V-50 HZ UNITS (SEE FIGURE 5)

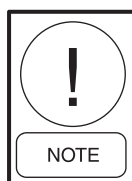
ITEM	DESCRIPTION	EXHAUST FAN HP					
		5	7.5	10	15	20	25-30
3A	14M, Contactor	024-34300-000	024-34304-000	024-34304-000	024-34306-000	024-34308-000	024-34310-000
3B	14CB/OL, Manual Starter	024-33178-000	024-33179-000	024-33180-000	024-33182-000	024-31816-000	025-34488-000
3C	Surge Suppressor	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02101-000	031-02101-000
3E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
4	11R	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000

### 460V UNITS (SEE FIGURE 5)

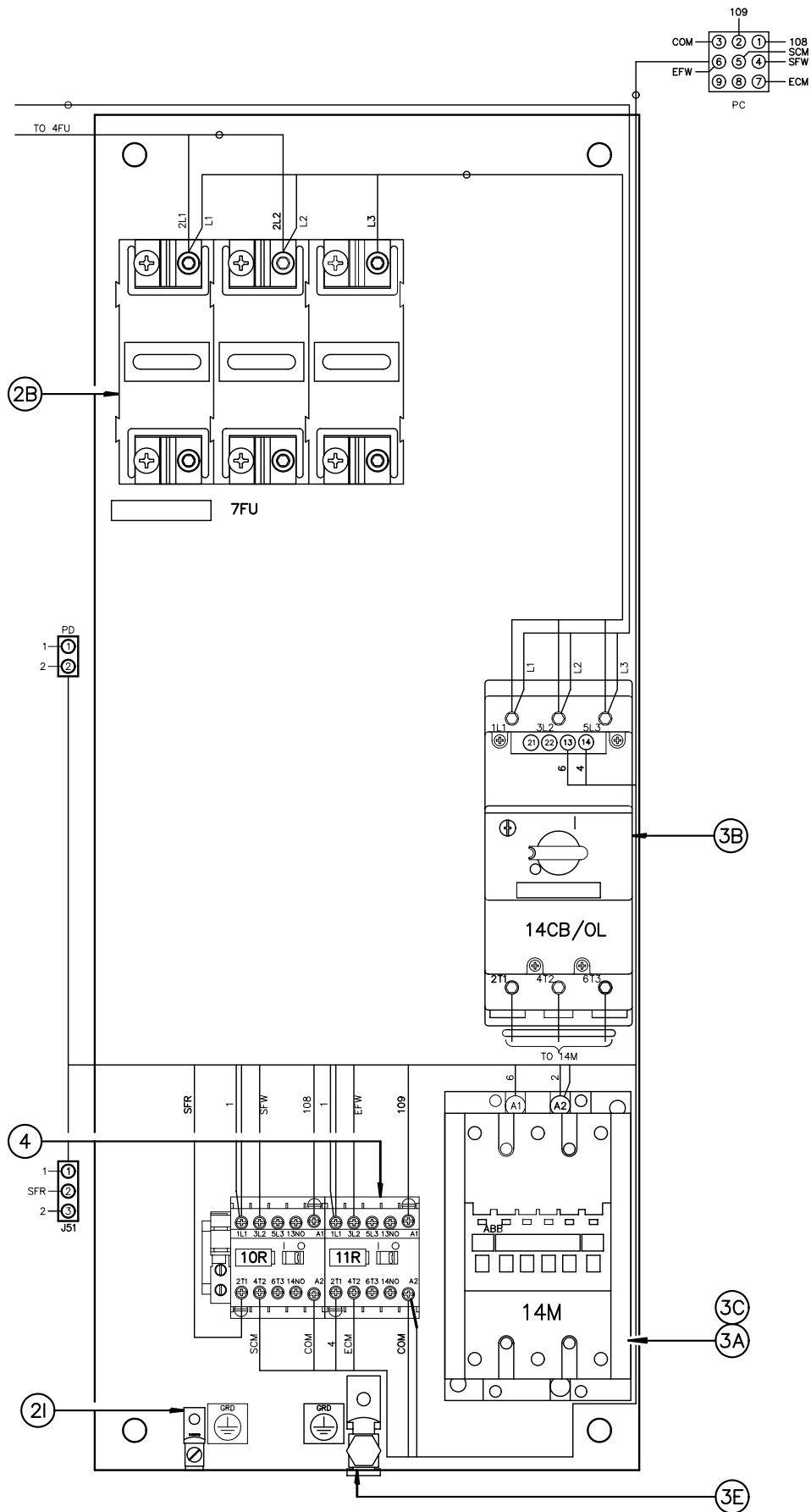
ITEM	DESCRIPTION	EXHAUST FAN HP					
		5	7.5	10	15	20	25-30
3A	14M, Contactor	024-34300-000	024-34304-000	024-34304-000	024-34305-000	024-34306-000	024-34308-000
3B	14CB/OL, Manual Starter	024-33178-000	024-33179-000	024-33180-000	024-33181-000	024-33182-000	024-31816-000
3C	Surge Suppressor	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02101-000
3E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
4	11R	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000

### 575V UNITS (SEE FIGURE 5)

ITEM	DESCRIPTION	EXHAUST FAN HP					
		5	7.5-10	15	20	25	30
3A	14M, Contactor	024-34302-000	024-34304-000	024-34304-000	024-34305-000	024-34306-000	024-34308-000
3B	14CB/OL, Manual Starter	024-33169-000	024-33179-000	024-33180-000	024-33181-000	024-33182-000	024-31816-000
3C	Surge Suppressor	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02101-000
3E	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
4	11R	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000



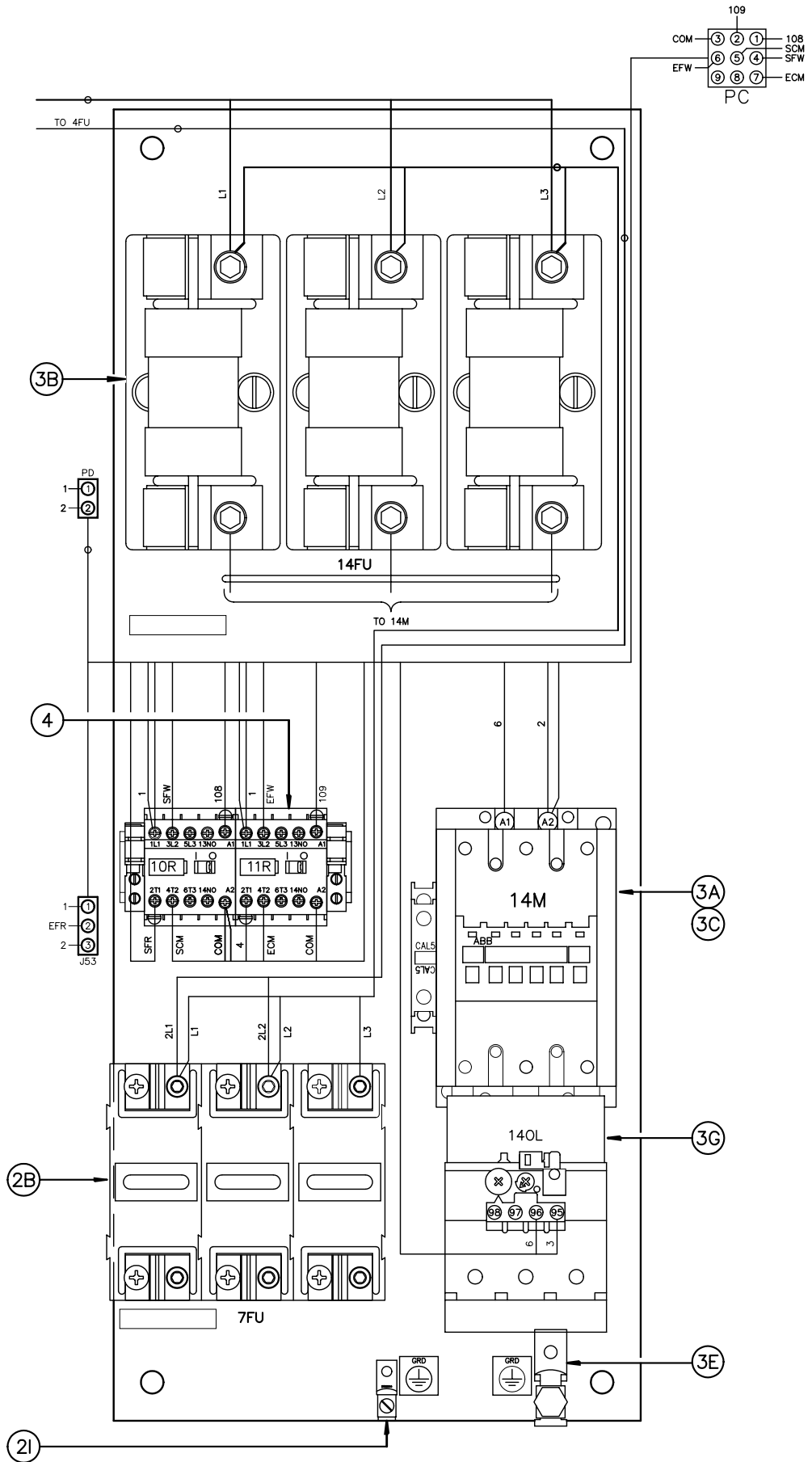
*Fuse information can be located in Table 2 on page 54.*



**NOTE:** Supply fan components may also be included on this drawing.

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FIG. 5 – CV EXHAUST FAN



**NOTE:** Supply fan components may also be included on this drawing.

**FIG. 6 – CV EXHAUST FAN**

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## VARIABLE AIR VOLUME (VAV) EXHAUST FAN

### 208V AND 230V UNITS (SEE FIGURE 7)

ITEM	DESCRIPTION	EXHAUST FAN HP		
		5-7.5	10-15	20-30
3B	8FU, Fuse Holder	025-37635-000	025-37608-000	025-37609-000
3I	Ground Lug	025-34455-000	025-34455-000	025-34455-000
4	11R, Relay	024-31885-000	024-31885-000	024-31885-000

### 380V-60 HZ OR 400V-50 HZ UNITS (SEE FIGURE 8)

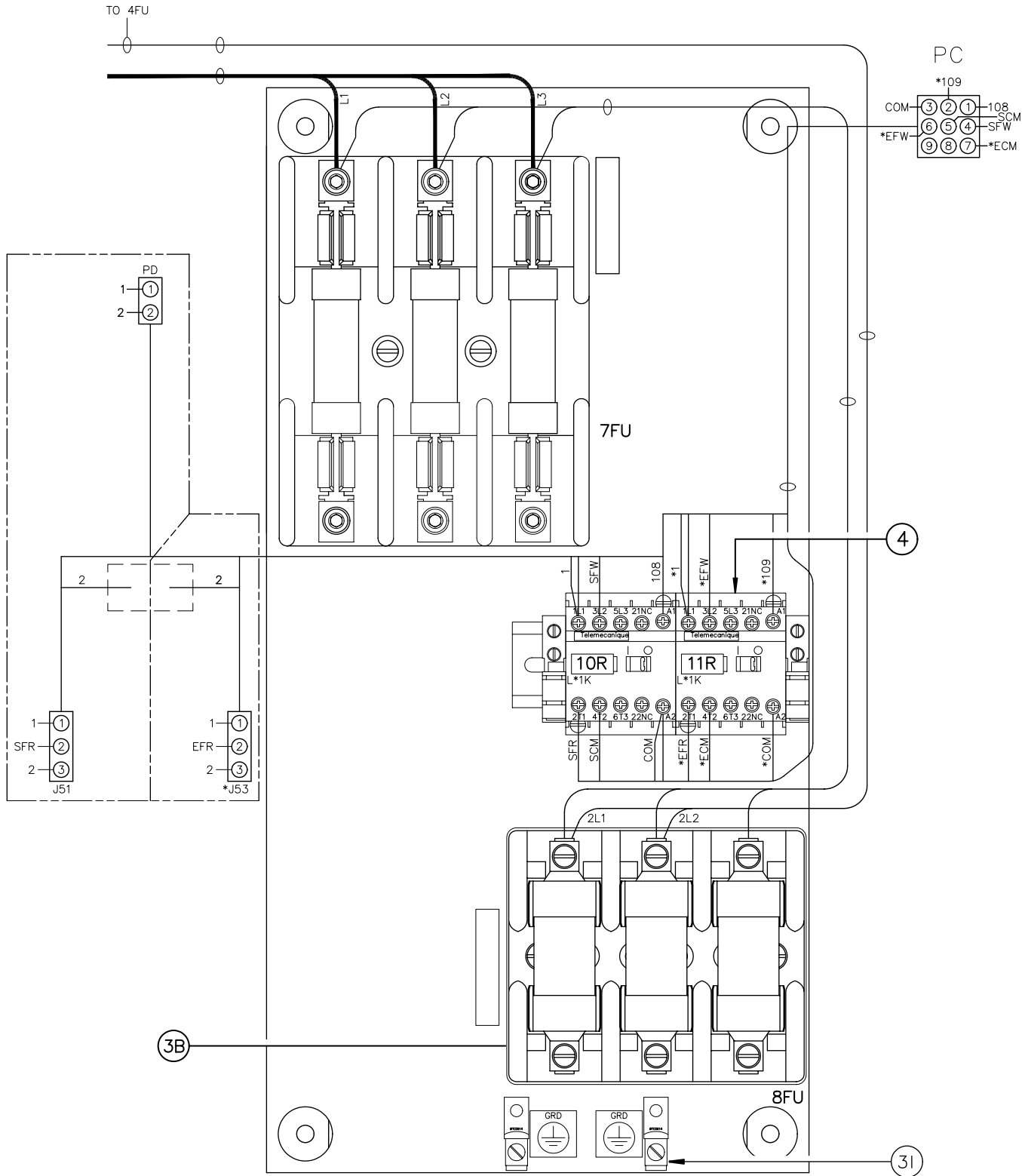
ITEM	DESCRIPTION	EXHAUST FAN HP	
		5-15	20-30
3B	8FU, Fuse Holder	025-37635-000	025-37608-000
3I	Ground Lug	025-34455-000	025-34455-000
4	11R, Relay	024-31885-000	024-31885-000

### 460V OR 575V UNITS (SEE FIGURE 7)

ITEM	DESCRIPTION	EXHAUST FAN HP	
		5-20	25-30
3B	8FU, Fuse Holder	025-37635-000	025-37608-000
3I	Ground Lug	025-34455-000	025-34455-000
4	11R, Relay	024-31885-000	024-31885-000

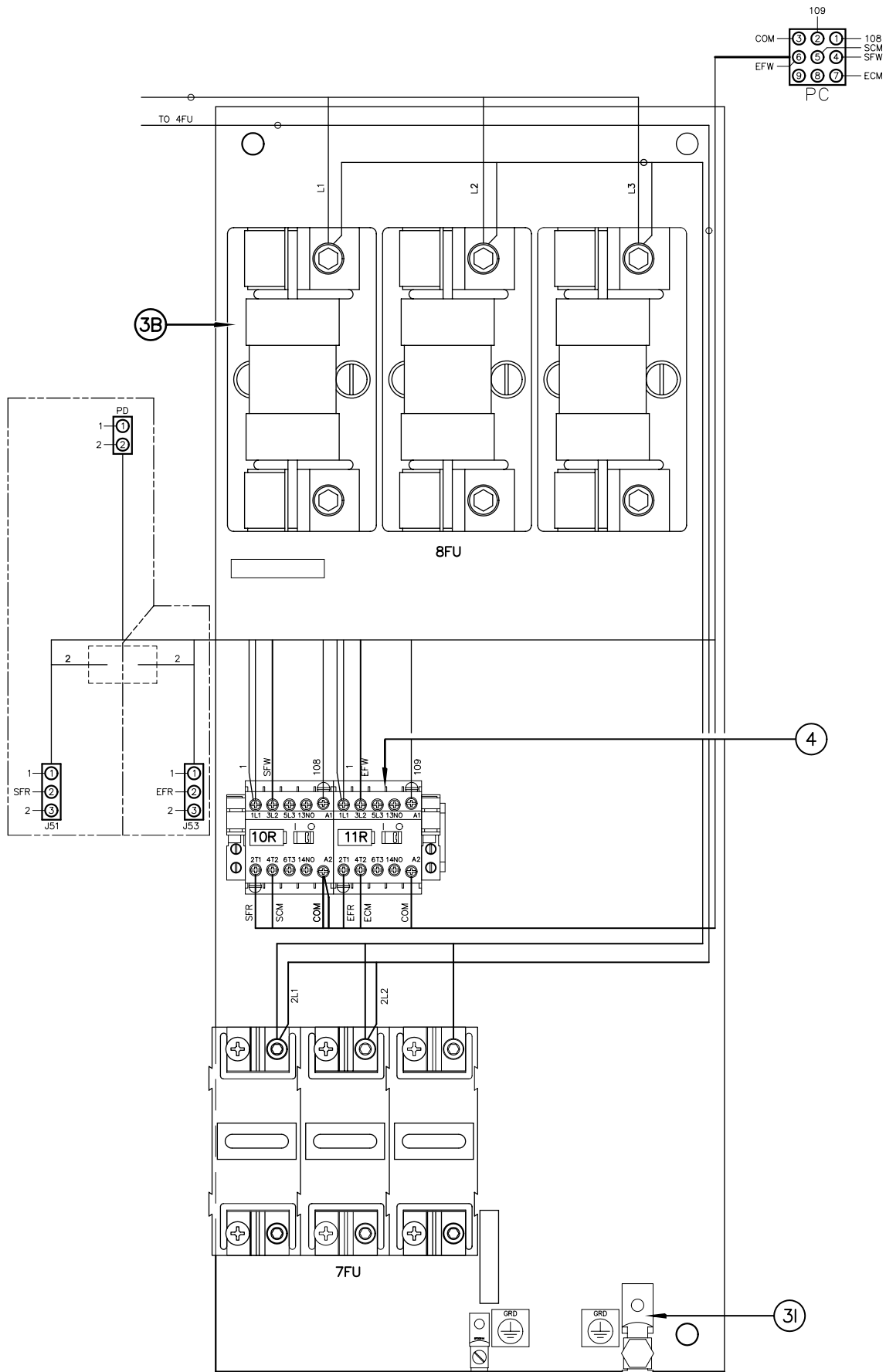


*Fuse information can be located in Table 2 on page 54.*



**NOTE:** Supply fan components may also be included on this drawing.

FIG. 7 – VAV EXHAUST FAN



**NOTE:** Exhaust fan components may also be included on this drawing.

LD09197

FIG. 8 – VAV EXHAUST FAN

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**SECTION 2 - POWER PANELS 50-95 TON**

**50 - 55 TON UNIT CONTROL PANEL AND POWER PANEL**

Item	Qty	Description	See Figure	208V	230V	380V	400V-50 Hz	460V	575V
<b>5A</b>	2	Contactora	9	024-34309-000	024-34309-000	024-34307-000	024-34306-000	024-34306-000	024-34305-000
<b>5B</b>	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-33182-000	024-33182-000	024-33181-000
<b>5C</b>	2	Surge Supressor	9	031-02101-000	031-02101-000	031-02101-000	031-02104-000	031-02104-000	031-02104-000
<b>5E</b>	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
<b>6A</b>	2	Contactora	9	024-34309-000	024-34309-000	024-34307-000	024-34306-000	024-34306-000	024-34305-000
<b>6B</b>	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-33182-000	024-33182-000	024-33181-000
<b>6C</b>	2	Surge Supressor	9	031-02101-000	031-02101-000	031-02101-000	031-02104-000	031-02104-000	031-02104-000
<b>6E</b>	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
<b>8A</b>	4	Surge Supressor	9	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000
<b>8B</b>	4	Contactora	9	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000
<b>8C</b>	2	Fuseblock	9A	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000
<b>8D</b>	6	Fuse, 600V	9A	025-34142-000	025-34142-000	025-38396-000	025-37618-000	025-38396-000	025-37613-000
<b>11A</b>	2	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
<b>11B</b>	2	Aux Contact Block	9	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000
<b>11C</b>	See Below								
<b>13A</b>	2	Fuse, 600V	9A	025-34430-000	025-37629-000	025-35902-000	025-37659-000	025-37611-000	025-35911-000
<b>13B</b>	1	Fuseblock	9A	025-34427-000	025-34427-000	025-34427-000	025-35667-000	025-34427-000	025-34427-000
<b>13D</b>	1	Transformer	9	025-38388-000	025-38387-000	025-38390-000	025-38390-000	025-38387-000	025-38389-000
<b>13E</b>	1	Fuseblock	9A	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000
<b>13F</b>	1	Fuse, 10 Amp	9A	025-28966-006	025-28966-006	025-28966-006	025-28966-006	025-28966-006	025-28966-006
<b>13G</b>	1	Fuse, 4 Amp	9A	025-37626-000	025-37626-000	025-37626-000	025-37626-000	025-37626-000	025-37626-000
<b>14</b>	1	Smart Relay	9	025-36414-001	025-36414-001	025-36414-001	025-36414-001	025-36414-001	025-36414-001
<b>15</b>	1	Relay Expansion	9	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000
-	4	Aux. Contact Block	-	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000
-	1	Terminal Board	-	025-36388-003	025-36388-003	025-36388-003	025-36388-003	025-36388-003	025-36388-003
<b>25</b>	1	Thermostat	9, 9A	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001

**MOD A MANEUROP COMPRESSORS**

<b>11C</b>	2	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
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**MOD B COPELAND COMPRESSORS**

<b>11C</b>	2	Relay, Control	9	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000
	2	Relay, Control	9	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000
	2	Surge Supressor	9	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000

## POWER PANELS 50-95 TON (CONT'D)

### 60 - 65 TON UNIT CONTROL PANEL AND POWER PANEL

Item	Qty	Description	See Figure	208V	230V	380V	400V-50 Hz	460V	575V
5A	2	Contactors	9	024-34310-000	024-34310-000	024-34308-000	024-34307-000	024-34307-000	024-34306-000
5B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-31816-000	024-31816-000	024-33182-000
5C	2	Surge Suppressor	9	031-02101-000	031-02101-000	031-02101-000	031-02101-000	031-02101-000	031-02104-000
5E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
6A	2	Contactors	9	024-34310-000	024-34310-000	024-34308-000	024-34307-000	024-34307-000	024-34306-000
6B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-31816-000	024-31816-000	024-33182-000
6C	2	Surge Suppressor	9	031-02101-000	031-02101-000	031-02101-000	031-02101-000	031-02101-000	031-02104-000
6E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
8A	4	Surge Suppressor	9	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000
8B	4	Contactors	9	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000
8C	2	Fuseblock	9A	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000
8D	6	Fuse, 600V	9A	025-34142-000	025-34142-000	025-38396-000	025-37618-000	025-38396-000	025-37613-000
11A	2	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
11B	2	Aux Contact Block	9	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000
11C	See Below								
13A	2	Fuse, 600V	9A	025-34430-000	025-37629-000	025-35902-000	025-37659-000	025-37611-000	025-35911-000
13B	1	Fuseblock	9A	025-34427-000	025-34427-000	025-34427-000	025-35667-000	025-34427-000	025-34427-000
13D	1	Transformer	9	025-38388-000	025-38387-000	025-38390-000	025-38390-000	025-38387-000	025-38389-000
13E	1	Fuseblock	9A	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000
13F	1	Fuse, 10 Amp	9A	025-28966-006	025-28966-006	025-28966-006	025-28966-006	025-28966-006	025-28966-006
13G	1	Fuse, 4 Amp	9A	025-37626-000	025-37626-000	025-37626-000	025-37626-000	025-37626-000	025-37626-000
14	1	Smart Relay	9	025-36414-001	025-36414-001	025-36414-001	025-36414-001	025-36414-001	025-36414-001
15	1	Relay Expansion	9	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000
-	4	Aux. Contact Block	-	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000
-	1	Terminal Board	-	025-36388-003	025-36388-003	025-36388-003	025-36388-003	025-36388-003	025-36388-003
25	1	Thermostat	9, 9A	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001

#### MOD A MANEUROP COMPRESSORS

11C	2	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
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#### MOD B COPELAND COMPRESSORS

11C	2	Relay, Control	9	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000
	2	Relay, Control	9	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000
	2	Surge Suppressor	9	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000

## POWER PANELS 50-95 TON (CONT'D)

## 70 - 75 TON UNIT CONTROL PANEL AND POWER PANEL

Item	Qty	Description	See Figure	208V	230V	380V	400V-50 Hz	460V	575V
5A	2	Contactora	9	024-34309-000	024-34308-000	024-34306-000	024-34305-000	024-34305-000	024-34304-000
5B	2	Over Load (OL)	9	025-34488-000	024-31816-000	024-33182-000	024-33181-000	024-33181-000	024-33180-000
5C	2	Surge Supressor	9	031-02101-000	031-02101-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000
5E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
6A	2	Contactora	9	024-34309-000	024-34308-000	024-34306-000	024-34305-000	024-34305-000	024-34304-000
6B	2	Over Load (OL)	9	025-34488-000	024-31816-000	024-33182-000	024-33181-000	024-33181-000	024-33180-000
6C	2	Surge Supressor	9	031-02101-000	031-02101-000	031-02104-000	031-02104-000	031-02104-000	031-02100-000
6E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
7A	2	Contactora	9	024-34309-000	024-34309-000	024-34307-000	024-34306-000	024-34306-000	024-34305-000
7B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-33182-000	024-33182-000	024-33181-000
7C	2	Surge Supressor	9	031-02101-000	031-02101-000	031-02101-000	031-02104-000	031-02104-000	031-02104-000
7E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
8A	6	Surge Supressor	9	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000
8B	6	Contactora	9	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000
8C	3	Fuseblock	9A	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000
8D	9	Fuse, 600V	9A	025-34142-000	025-34142-000	025-38396-000	025-37618-000	025-38396-000	025-37613-000
11A	2	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
11B	2	Aux Contact Block	9	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000
11C	See Below								
13A	2	Fuse, 600V	9A	025-34435-000	025-34435-000	025-34431-000	025-37653-000	025-35902-000	025-37611-000
13B	1	Fuseblock	9A	025-34427-000	025-34427-000	025-34427-000	025-35667-000	025-34427-000	025-34427-000
13D	1	Transformer	9	025-38393-000	025-38391-000	025-38391-000	025-38392-000	025-38391-000	025-35652-000
13E	1	Fuseblock	9A	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000
13F	1	Fuse, 12 Amp	9A	025-38360-000	025-38360-000	025-38360-000	025-38360-000	025-38360-000	025-38360-000
13G	1	Fuse, 5 Amp	9A	025-35689-000	025-35689-000	025-35689-000	025-35689-000	025-35689-000	025-35689-000
14	1	Smart Relay	9	025-36414-002	025-36414-002	025-36414-002	025-36414-002	025-36414-002	025-36414-002
15	1	Relay Expansion	9	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000
-	4	Aux. Contact Block	-	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000
-	1	Terminal Board	-	025-36416-000	025-36416-000	025-36416-000	025-36416-000	025-36416-000	025-36416-000
25	1	Thermostat	9, 9A	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001

## MOD A MANEUROP COMPRESSORS

11C	3	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
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## MOD B COPELAND COMPRESSORS

11C	3	Relay, Control	9	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000
	3	Relay, Control	9	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000
	3	Surge Supressor	9	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000

## POWER PANELS 50-95 TON (CONT'D)

### 80 - 85 TON UNIT CONTROL PANEL AND POWER PANEL

Item	Qty	Description	See Figure	208V	230V	380V	400V-50 Hz	460V	575V
5A	2	Contactors	9	024-34309-000	024-34309-000	024-34307-000	024-34306-000	024-34306-000	024-34305-000
5B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-33182-000	024-33182-000	024-33181-000
5C	2	Surge Suppressor	9	031-02101-000	031-02101-000	031-02101-000	031-02104-000	031-02104-000	031-02104-000
5E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
6A	2	Contactors	9	024-34309-000	024-34309-000	024-34307-000	024-34306-000	024-34306-000	024-34305-000
6B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-33182-000	024-33182-000	024-33181-000
6C	2	Surge Suppressor	9	031-02101-000	031-02101-000	031-02101-000	031-02104-000	031-02102-000	031-02104-000
6E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
7A	2	Contactors	9	024-34309-000	024-34309-000	024-34307-000	024-34306-000	024-34306-000	024-34305-000
7B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-33182-000	024-33182-000	024-33181-000
7C	2	Surge Suppressor	9	031-02101-000	031-02101-000	031-02101-000	031-02104-000	031-02104-000	031-02104-000
7E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
8A	6	Surge Suppressor	9	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000
8B	6	Contactors	9	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000
8C	3	Fuseblock	9A	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000
8D	9	Fuse, 600V	9A	025-34142-000	025-34142-000	025-38396-000	025-37618-000	025-38396-000	025-37613-000
11A	2	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
11B	2	Aux Contact Block	9	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000
11C	See Below								
13A	2	Fuse, 600V	9A	025-34435-000	025-34435-000	025-34431-000	025-37653-000	025-35902-000	025-37611-000
13B	1	Fuseblock	9A	025-34427-000	025-34427-000	025-34427-000	025-35667-000	025-34427-000	025-34427-000
13D	1	Transformer	9	025-38393-000	025-38391-000	025-38392-000	025-38392-000	025-38391-000	025-35652-000
13E	1	Fuseblock	9A	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000
13F	1	Fuse, 12 Amp	9A	025-38360-000	025-38360-000	025-38360-000	025-38360-000	025-38360-000	025-38360-000
13G	1	Fuse, 5 Amp	9A	025-35689-000	025-35689-000	025-35689-000	025-35689-000	025-35689-000	025-35689-000
14	1	Smart Relay	9	025-36414-002	025-36414-002	025-36414-002	025-36414-002	025-36414-002	025-36414-002
15	1	Relay Expansion	9	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000
-	4	Aux. Contact Block	-	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000
-	1	Terminal Board	-	025-36416-000	025-36416-000	025-36416-000	025-36416-000	025-36416-000	025-36416-000
25	1	Thermostat	9, 9A	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001

#### MOD A MANEUROP COMPRESSORS

11C	3	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
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#### MOD B COPELAND COMPRESSORS

11C	3	Relay, Control	9	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000
	3	Relay, Control	9	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000
	3	Surge Suppressor	9	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000

**POWER PANELS 50-95 TON (CONT'D)**

**90 - 95 TON UNIT CONTROL PANEL AND POWER PANEL**

Item	Qty	Description	See Figure	208V	230V	380V	400V-50	460V	575V
5A	2	Contactora	9	024-34310-000	024-34310-000	024-34308-000	024-34307-000	024-34307-000	024-34306-000
5B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-31816-000	024-31816-000	024-33182-000
5C	2	Surge Supressor	9	031-02101-000	031-02101-000	031-02101-000	031-02101-000	031-02101-000	031-02104-000
5E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
6A	2	Contactora	9	024-34310-000	024-34310-000	024-34308-000	024-31816-000	024-34307-000	024-34306-000
6B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-31816-000	024-31816-000	024-33182-000
6C	2	Surge Supressor	9	031-02101-000	031-02101-000	031-02101-000	031-02101-000	031-02101-000	031-02104-000
6E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
7A	2	Contactora	9	024-34309-000	024-34309-000	024-34307-000	024-34306-000	024-34306-000	024-34305-000
7B	2	Over Load (OL)	9	025-34488-000	025-34488-000	024-31816-000	024-33182-000	024-33182-000	024-33181-000
7C	2	Surge Supressor	9	031-02101-000	031-02101-000	031-02101-000	031-02104-000	031-02104-000	031-02104-000
7E	2	Ground Lug	9	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
8A	6	Surge Supressor	9	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000	031-02104-000
8B	6	Contactora	9	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000	024-34302-000
8C	3	Fuseblock	9A	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000	025-34185-000
8D	9	Fuse, 600V	9A	025-34142-000	025-34142-000	025-38396-000	025-37618-000	025-38396-000	025-37613-000
11A	2	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
11B	2	Aux Contact Block	9	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000	025-35694-000
11C	See Below								
13A	2	Fuse, 600V	9A	025-34435-000	025-34435-000	025-34431-000	025-37653-000	025-35902-000	025-37611-000
13B	1	Fuseblock	9A	025-34427-000	025-34427-000	025-34427-000	025-35667-000	025-34427-000	025-34427-000
13D	1	Transformer	9	025-38393-000	025-38391-000	025-38392-000	025-38392-000	025-38391-000	025-35652-000
13E	1	Fuseblock	9A	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000	025-35667-000
13F	1	Fuse, 12 Amp	9A	025-38360-000	025-38360-000	025-38360-000	025-38360-000	025-38360-000	025-38360-000
13G	1	Fuse, 5 Amp	9A	025-35689-000	025-35689-000	025-35689-000	025-35689-000	025-35689-000	025-35689-000
14	1	Smart Relay	9	025-36414-002	025-36414-002	025-36414-002	025-36414-002	025-36414-002	025-36414-002
15	1	Relay Expansion	9	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000	025-36043-000
-	4	Aux. Contact Block	-	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000	024-34320-000
-	1	Terminal Board	-	025-36416-000	025-36416-000	025-36416-000	025-36416-000	025-36416-000	025-36416-000
25	1	Thermostat	9, 9A	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001	025-36346-001



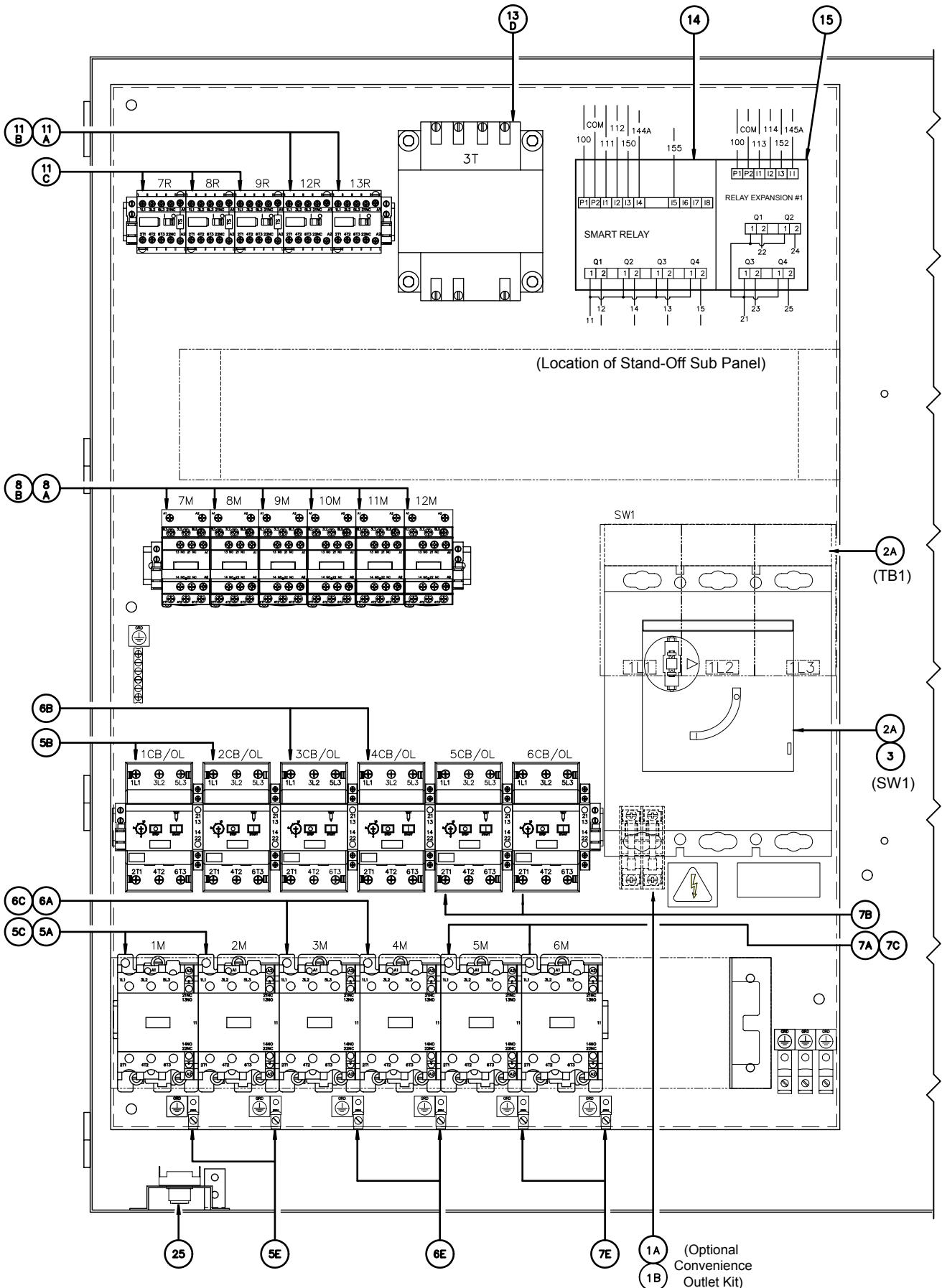
**MOD A MANEUROP COMPRESSORS**

11C	3	Relay, Control	9	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000	024-31885-000
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**MOD B COPELAND COMPRESSORS**

11C	3	Relay, Control	9	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000	024-31635-000
	3	Relay, Control	9	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000	024-33177-000
	3	Surge Supressor	9	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000	031-02107-000

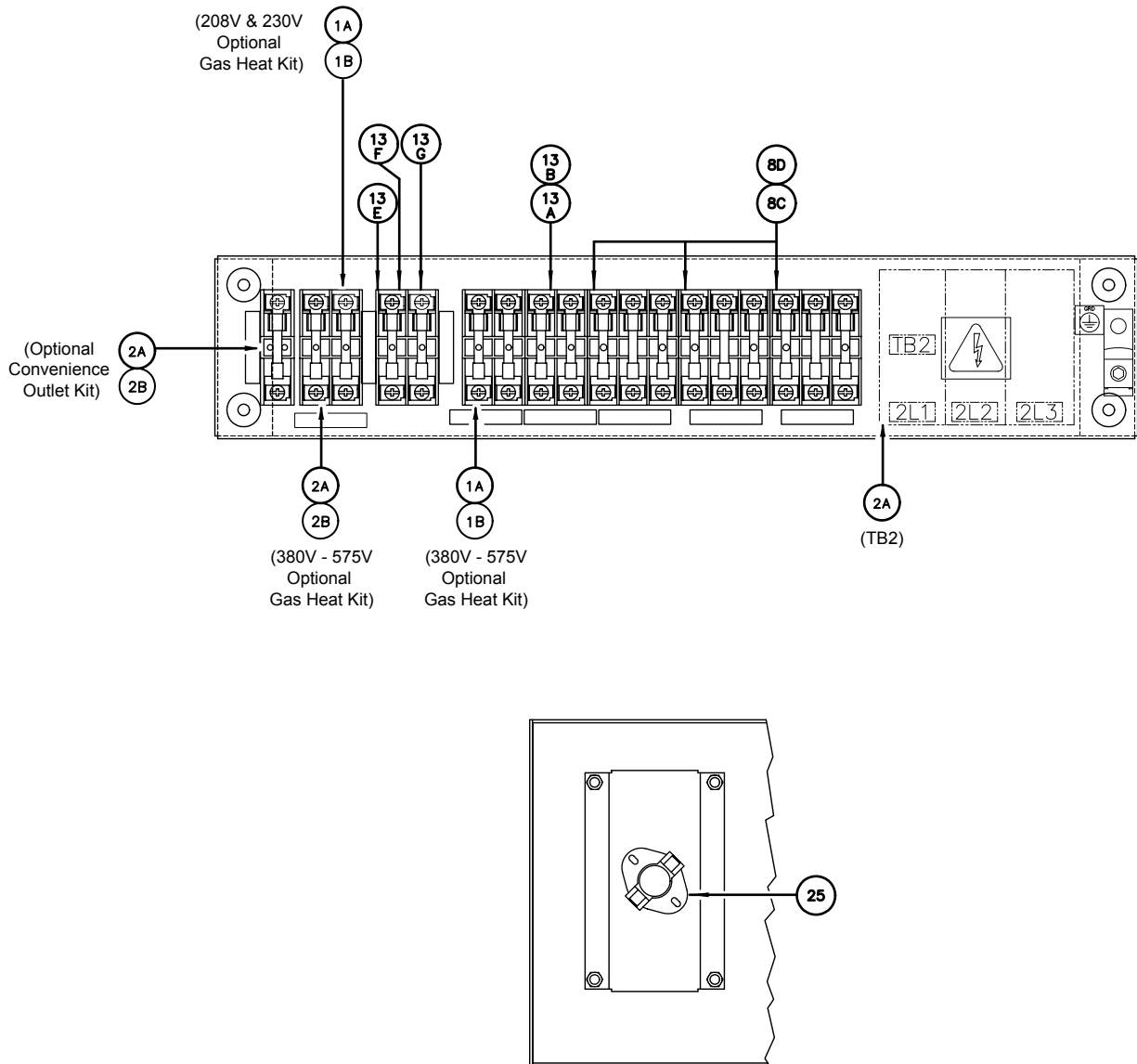
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**NOTE:** All components on this drawing may not be included on all units.

LD09227

FIG. 9 – POWER PANEL



**NOTE:** All components on this drawing may not be included on all units.

**FIG. 9A – STAND-OFF SUB PANEL**

## CIRCUIT BREAKER OR DISCONNECT SWITCH ASSEMBLIES

### 208V UNITS 50-75 TON

ITEM	DESCRIPTION	QTY	See Figure	50-65 TON			70-75 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-37621-000	N/A	N/A	025-37621-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-25563-000	N/A	N/A	024-25563-000	N/A
3	CB Operator Mech	1	9	N/A	025-35695-000	N/A	N/A	025-35695-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37619-000	N/A	N/A	025-37624-000
2A	TB2	1	9, 9A	N/A	N/A	025-37628-000	N/A	N/A	025-37628-000

### 208V UNITS 80-95 TON

ITEM	DESCRIPTION	QTY	See Figure	80-85 TON			90-95 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-37621-000	N/A	N/A	025-37621-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-31889-000	N/A	N/A	024-31889-000	N/A
3	CB Operator Mech	1	9	N/A	025-35695-000	N/A	N/A	025-35695-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37621-000	N/A	N/A	025-37621-000
2A	TB2	1	9, 9A	N/A	N/A	025-37628-000	N/A	N/A	025-37623-000

### 230V UNITS 50-75 TON

ITEM	DESCRIPTION	QTY	See Figure	50-65 TON			70-75 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-37621-000	N/A	N/A	025-37621-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-25563-000	N/A	N/A	024-25563-000	N/A
3	CB Operator Mech	1	9	N/A	025-35695-000	N/A	N/A	025-35695-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37619-000	N/A	N/A	025-37619-000
2A	TB2	1	9, 9A	N/A	N/A	025-37628-000	N/A	N/A	025-37628-000

## CIRCUIT BREAKER OR DISCONNECT SWITCH ASSEMBLIES (CONT'D)

### 230V UNITS 80-95 TON

ITEM	DESCRIPTION	QTY	See Figure	80-95 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-37621-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-25563-000	N/A
3	CB Operator Mech	1	9	N/A	025-35695-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37619-000
2A	TB2	1	9, 9A	N/A	N/A	025-37628-000

### 380V-60 HZ UNITS 50-85 TON

ITEM	DESCRIPTION	QTY	See Figure	50-75 TON			80-85 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-38394-000	N/A	N/A	025-37624-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-25564-000	N/A	N/A	024-25564-000	N/A
3	CB Operator Mech	1	9	N/A	025-31878-000	N/A	N/A	025-31878-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37614-000	N/A	N/A	025-38394-000
2A	TB2	1	9, 9A	N/A	N/A	025-37615-000	N/A	N/A	025-37615-000

### 380V-60 HZ UNITS 90 TON

ITEM	DESCRIPTION	QTY	See Figure	90-95 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-37621-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-25563-000	N/A
3	CB Operator Mech	1	9	N/A	025-35695-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-38394-000
2A	TB2	1	9, 9A	N/A	N/A	025-37628-000

## CIRCUIT BREAKER OR DISCONNECT SWITCH ASSEMBLIES (CONT'D)

## 400V-50 HZ UNITS 50-75 TON

ITEM	DESCRIPTION	QTY	See Figure	50-65 TON			70-75 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-38394-000	N/A	N/A	025-37624-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-30963-000	N/A	N/A	024-25564-000	N/A
3	CB Operator Mech	1	9	N/A	025-31878-000	N/A	N/A	025-31878-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37614-000	N/A	N/A	025-37614-000
2A	TB2	1	9, 9A	N/A	N/A	025-37615-000	N/A	N/A	025-37615-000

## 400V-50 HZ UNITS 80-95 TON

ITEM	DESCRIPTION	QTY	See Figure	80-85 TON			90-95 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-37624-000	N/A	N/A	025-38394-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-30963-000	N/A	N/A	024-25564-000	N/A
3	CB Operator Mech	1	9	N/A	025-31878-000	N/A	N/A	025-31878-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37614-000	N/A	N/A	025-38394-000
2A	TB2	1	9, 9A	N/A	N/A	025-37615-000	N/A	N/A	025-37628-000

## 460V UNITS 50-75 TON

ITEM	DESCRIPTION	QTY	See Figure	50-65 TON			70-75 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-38394-000	N/A	N/A	025-37621-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-30963-000	N/A	N/A	024-25564-000	N/A
3	CB Operator Mech	1	9	N/A	025-31878-000	N/A	N/A	025-31878-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37614-000	N/A	N/A	025-37614-000
2A	TB2	1	9, 9A	N/A	N/A	025-37615-000	N/A	N/A	025-37615-000

## CIRCUIT BREAKER OR DISCONNECT SWITCH ASSEMBLIES (CONT'D)

### 460V UNITS 80-95 TON

ITEM	DESCRIPTION	QTY	See Figure	80-85 TON			90-95 TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-37624-000	N/A	N/A	025-37624-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-25564-000	N/A	N/A	024-25564-000	N/A
3	CB Operator Mech	1	9	N/A	025-31878-000	N/A	N/A	025-31878-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37614-000	N/A	N/A	025-38394-000
2A	TB2	1	9, 9A	N/A	N/A	025-37615-000	N/A	N/A	025-37615-000

### 575V UNITS 50-95 TON

ITEM	DESCRIPTION	QTY	See Figure	50-65 TON			70-95TON		
				Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block	Single Point Terminal Block	Single Point Disc	Multi-Point Terminal Block
2A	Terminal Block	1	9, 9A	025-38394-000	N/A	N/A	025-37624-000	N/A	N/A
2A	Molded Case Switch (SW1)	1	9, 9A	N/A	024-30963-000	N/A	N/A	024-25564-000	N/A
3	CB Operator Mech	1	9	N/A	025-31878-000	N/A	N/A	025-31878-000	N/A
3	Shaft, 19.69"		9	N/A	025-35696-000	N/A	N/A	025-35696-000	N/A
3	Handle, Pistol	1	9	N/A	025-35697-000	N/A	N/A	025-35697-000	N/A
2A	TB1	1	9, 9A	N/A	N/A	025-37614-000	N/A	N/A	025-37619-000
2A	TB2	1	9, 9A	N/A	N/A	025-37615-000	N/A	N/A	025-37628-000

## MICRO-PANEL

## MICRO-PANEL PARTS

ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
A	CONTROL, SECONDARY	10	1	025-36105-000
2A	TRANSFORMER, CL-2, 1T	10	1	025-35684-000
2B	FASTON CONNECTOR	10	1	025-34461-000
3	TRANSFORMER, 2T	10	1	025-27911-000
9	AUGAT/RDI SNAP T	10	0.3	029-23421-000
18	GROUND BAR	10	2	025-35685-000
21	MOD-DCU (No Communication or LON Communication)	10	1	025-36103-012
21	MOD-DCU BACNET IP (Refer to Service Bulletin SB037 for Ordering Information)	10	1	025-36103-010
21	MOD-DCU BACNET MS/TP (Refer to Service Bulletin SB037 for Ordering Information)	10	1	025-36103-011
22	TST-INTERFACE BOARD	10	1	025-36102-000
23	CONN. DOUBLE	10	1	025-10253-000
24	BACNET MSTP CARD (RS485)	10	1	025-37506-000
24	LON CARD	10	1	025-36114-000
25	BACNET IP CARD (ETHERNET)	10	1	025-36239-000
26	CABLE, MOD DCU board to keypad	10	1	071-03655-000

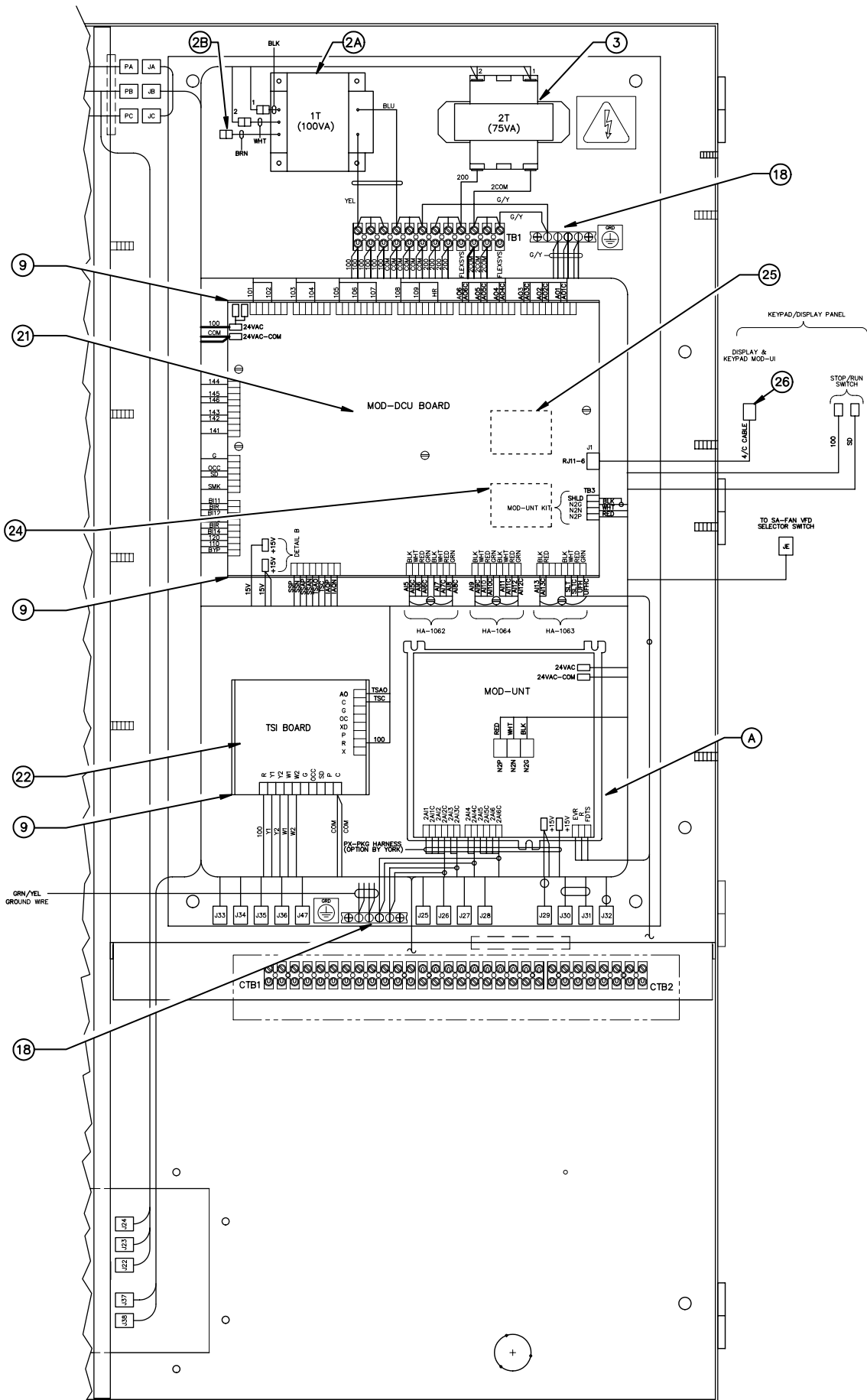


FIG. 10 – MICRO-PANEL ASSEMBLY

## SECTION 3 - UNIQUE PANEL KITS GAS HEAT KIT

### 208V UNITS

ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
1A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-34427-000
1B	FUSE 600V CL-CC	9, 9A	2	025-34435-000

### 230V UNITS

ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
1A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-34427-000
1B	FUSE 600V CL-CC	9, 9A	2	025-34430-000

### 380V - 400V UNITS

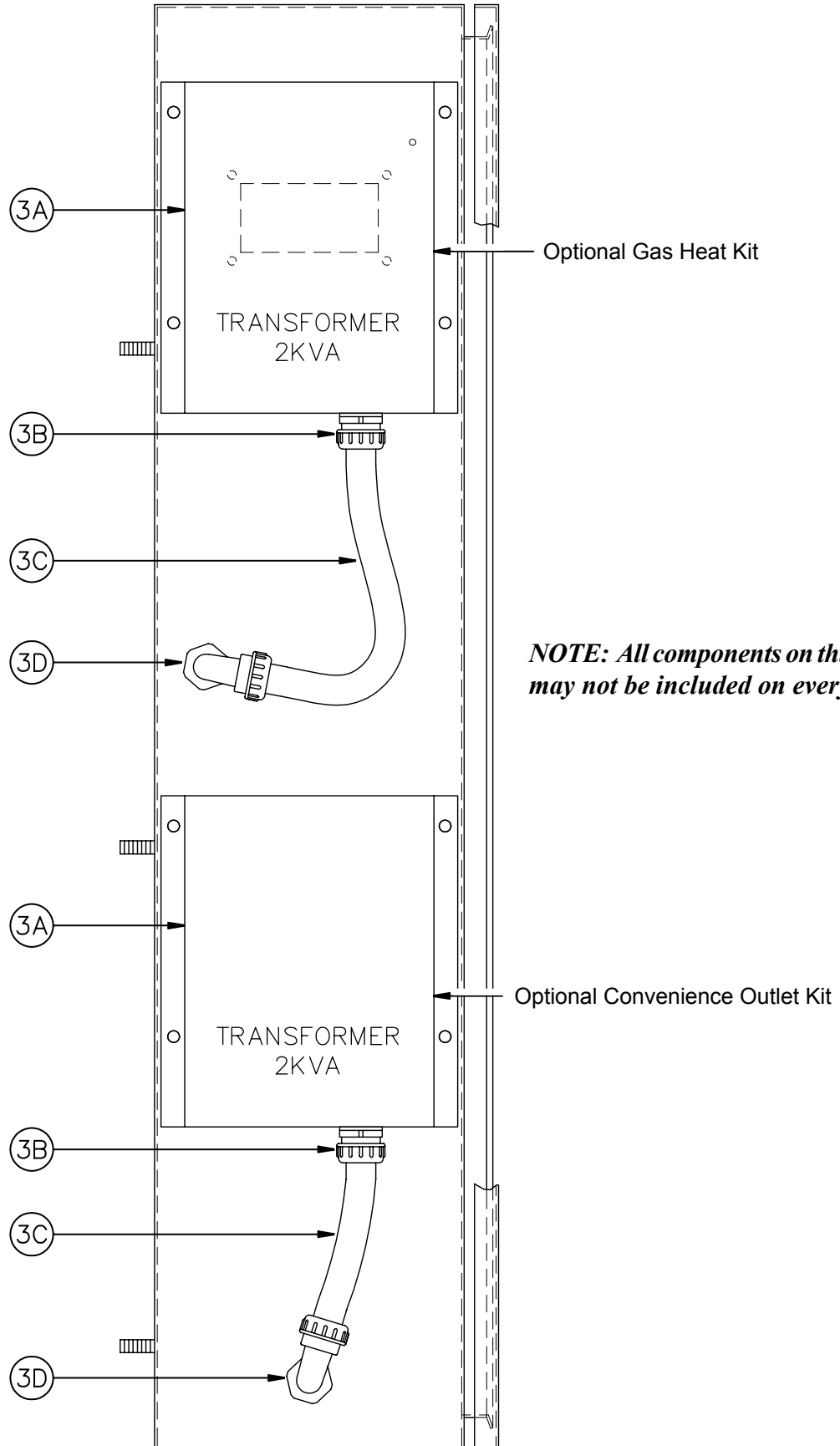
ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
1A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-34427-000
1B	FUSE 600V CL-CC	9, 9A	2	025-34435-000
2A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-35667-000
2B	FUSE, 250V, 10A	9, 9A	2	025-28966-006
3A	2KVA 1POLE 50/60HZ	11	1	025-34493-000
3B	ADPT FLX STR 1/2"	11	1	025-31310-000
3C	COND ADPTFLX 1/2"	11	1	025-30473-000
3D	ADAPTFLEX 1/2"	11	1	025-31316-000

### 460V UNITS

ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
1A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-34427-000
1B	FUSE 600V CL-CC	9, 9A	2	025-34430-000
2A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-35667-000
2B	FUSE, 250V, 10A	9, 9A	2	025-28966-006
3A	TRANSFORMER	11	1	025-37605-000
3B	ADPT FLX STR 1/2"	11	1	025-31310-000
3C	COND ADPTFLX 1/2"	11	1	025-30473-000
3D	ADAPTFLEX 1/2"	11	1	025-31316-000

### 575V UNITS

ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
1A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-34427-000
1B	FUSE 600V CL-CC	9, 9A	2	025-34431-000
2A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-35667-000
2B	FUSE, 250V, 10A	9, 9A	2	025-28966-006
3A	TRANSFORMER	11	1	025-37633-000
3B	ADPT FLX STR 1/2"	11	1	025-31310-000
3C	COND ADPTFLX 1/2"	11	1	025-30473-000
3D	ADAPTFLEX 1/2"	11	1	025-31316-000



**NOTE: All components on this drawing may not be included on every unit.**

**FIG. 11 – GAS HEAT KIT**

## CONVENIENCE OUTLET KIT

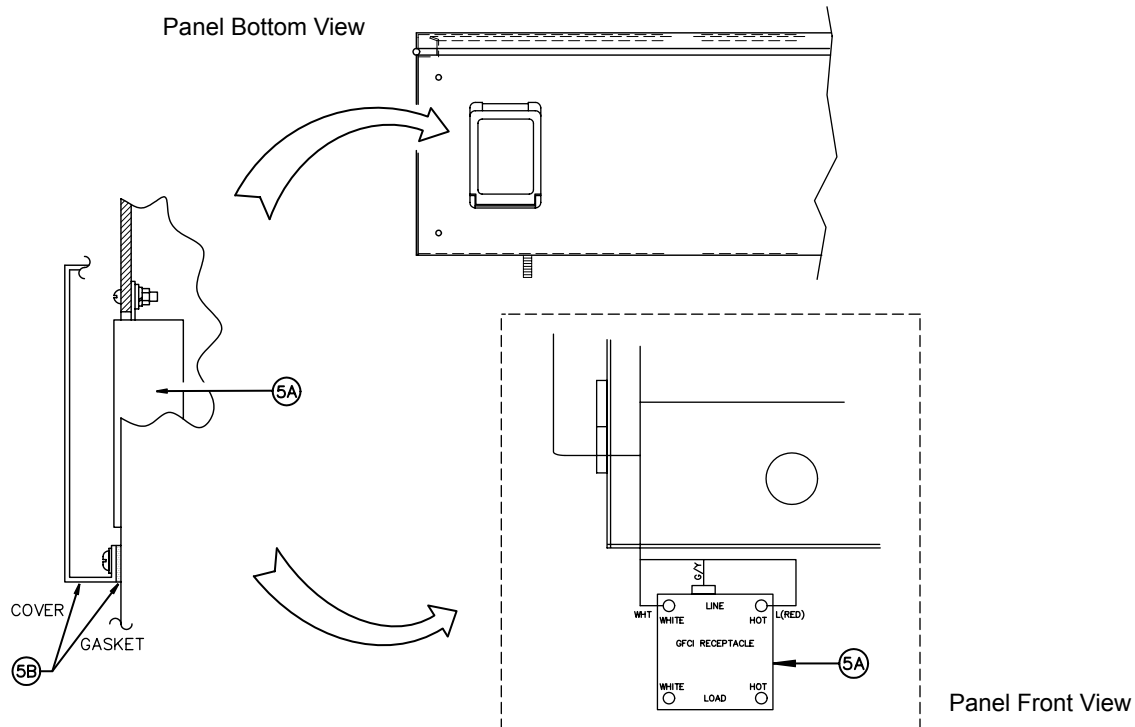
### CONVENIENCE OUTLET KIT UNIQUE PARTS

ITEM	DESCRIPTION	QTY	FIG. NO.	208V UNITS	230V UNITS	460V UNITS	575V UNITS
1B	FUSE 600V CL-CC	2	9, 9A	025-34433-000	025-34428-000	025-34430-000	025-34431-000
3A	TRANSFORMER	1	11	025-34493-000	025-37605-000	025-37605-000	025-37633-000

### CONVENIENCE OUTLET KIT COMMON PARTS

ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
1A	FUSEBLOCK, 2P, 30A	9, 9A	1	025-34427-000
2A	FUSEBLOCK, 1P, 30A	9, 9A	1	025-37601-000
2B	FUSE	9, 9A	1	025-37603-000
3B	ADPT FLX STR 1/2"	11	1	025-31310-000
3C	COND ADPTFLX 1/2"	11	1	025-30473-000
3D	ADAPTFLX 1/2"	11	1	025-31316-000
5A	GFI 20AMP DUPLX	12	1	025-32500-000
5B	COVER, OUTLET	12	1	025-32501-000

**NOTE: All components on this drawing may not be included on every unit.**



LD09245

FIG. 12 – CONVENIENCE OUTLET KIT

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# LANGUAGE KIT

## LANGUAGE KIT

ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
2	SWITCH, RUN / STOP	14	1	024-25517-000
4	KEYPAD / DISPLAY	14	1	025-36104-000
	RDU KIT/LANGUAGE DISPLAY-ENGLISH			325-36222-001

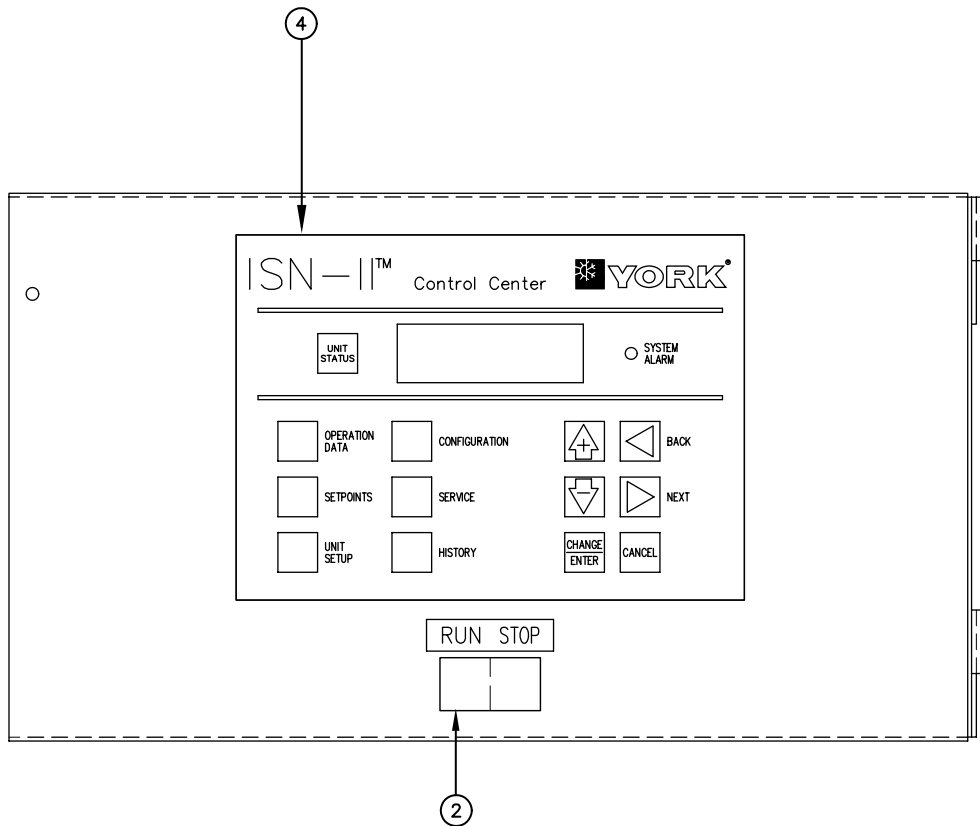


FIG. 14 – LANGUAGE KIT

# VFD FAN KEYPAD PANEL

## VFD FAN KEYPAD PANEL PARTS

ITEM	DESCRIPTION	FIG. NO.	QTY	PART NO.
9A	VFD FAN KEYPAD PANEL	15	1	071-04285-000
9B	LABEL, EXHAUST FAN	15	1	035-17027-000
9C	LABEL, SUPPLY FAN	15	1	035-17025-000
10	VFD FAN KEYPAD	15	2	025-36267-000

3

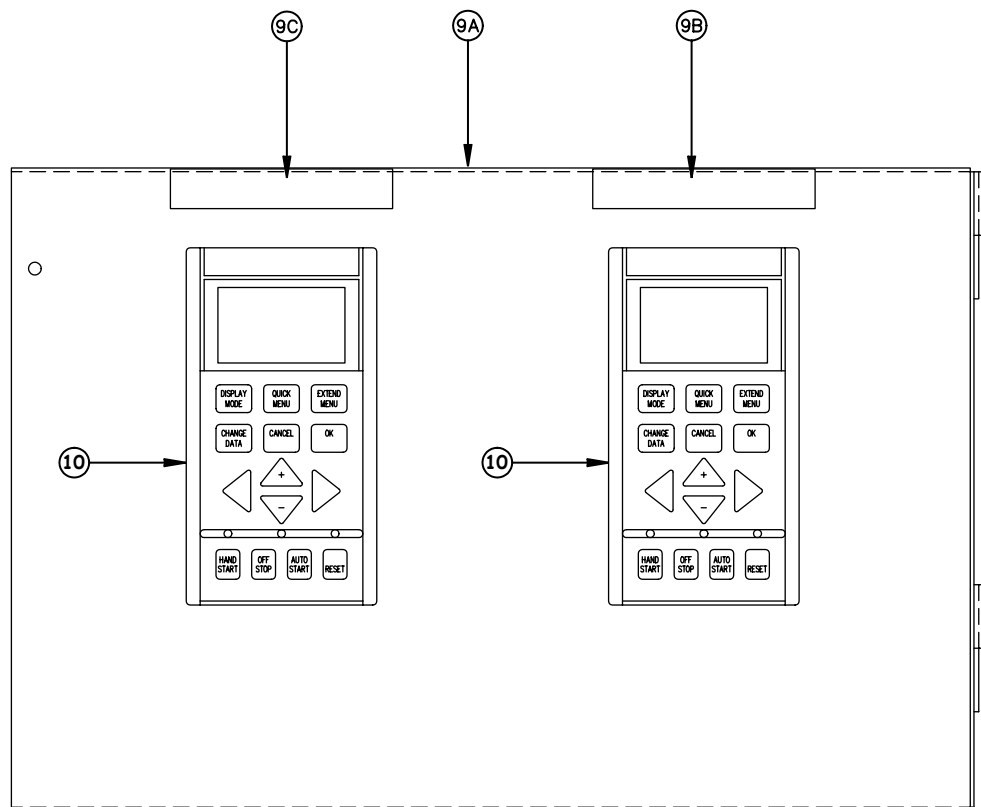


FIG. 15 – VFD FAN KEYPAD PANEL

## ELECTRIC HEAT POWER SUPPLY BOX KIT TERMINAL BLOCK BOXES (SEE FIGURE 17)

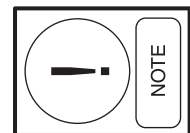
**208V UNITS**

Item	Qty	Description	50 Ton		60 Ton		50-80 Ton		50-60 Ton		90 Ton		50-70 Ton		80-90 Ton	
			Multi-Point Terminal Block 40 KW	Terminal Block 40 KW	Multi-Point Terminal Block 80-108 KW	Terminal Block 80-108 KW	Single-Point Terminal Block 40 KW	Terminal Block 40 KW	Multi-Point Terminal Block 108 KW	Terminal Block 108 KW	Single-Point Terminal Block 40 KW	Terminal Block 40 KW	Multi-Point Terminal Block 80-108 KW	Terminal Block 80-108 KW	Single-Point Terminal Block 80-108 KW	Terminal Block 80-108 KW
2A	3	TERMINAL BLK, 250A	025-34408-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2A	3	TERMINAL BLK, 400A	N/A	025-34405-000	025-34405-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2A	6	TERMINAL BLK, 600A	N/A	N/A	N/A	N/A	N/A	N/A	025-34408-000	025-34408-000	025-34408-000	025-34408-000	025-34408-000	025-34408-000	N/A	N/A
2A	6	TERMINAL BLK, 800A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34405-000	N/A
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34085-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3A	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000
5A	3	FUSEBLK, 1P, 200A	RAM	RAM	RAM	025-32521-000	025-32521-000	025-32521-000	RAM	RAM	025-32521-000	025-32521-000	025-32521-000	025-32521-000	025-32521-000	025-32521-000
5D	1	GROUND LUG	025-34088-000	025-34088-000	025-34088-000	025-34089-000	025-34089-000	025-34089-000	025-34088-000	025-34088-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
8	1	GROUND LUG	025-34089-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34086-000	025-34086-000

**230V UNITS**

Item	Qty	Description	50 Ton		60 Ton		50 Ton		50-90 Ton		60 Ton		60-90 Ton	
			Multi-Point Terminal Block 40 KW	Single-Point Terminal Block 40 KW	Multi-Point Terminal Block 40 KW	Terminal Block 40 KW	Single-Point Terminal Block 80-108 KW	Terminal Block 80-108 KW	Multi-Point Terminal Block 80-108 KW	Terminal Block 40 KW	Single-Point Terminal Block 40 KW	Terminal Block 40 KW	Single-Point Terminal Block 80-108 KW	Terminal Block 80-108 KW
2A	3	TERMINAL BLK, 250A	025-34408-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2A	3	TERMINAL BLK, 400A	N/A	025-34405-000	025-34405-000	025-34405-000	025-34405-000	025-34405-000	025-34405-000	025-34405-000	025-34405-000	025-34405-000	025-34405-000	025-34405-000
2A	6	TERMINAL BLK, 600A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34408-000	025-34408-000	025-34408-000	025-34408-000
2A	6	TERMINAL BLK, 800A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000
3A	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000	025-34085-000	025-34085-000	025-34085-000
5A	3	FUSEBLK, 1P, 200A	RAM	RAM	RAM	025-32521-000	025-32521-000	025-32521-000	RAM	RAM	RAM	RAM	RAM	025-32521-000
5D	1	GROUND LUG	025-34088-000	025-34088-000	025-34088-000	025-34089-000	025-34089-000	025-34089-000	025-34088-000	025-34088-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
8	1	GROUND LUG	025-34089-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000	025-34086-000
8	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000	025-34085-000	025-34085-000	025-34085-000

*Fuse information can be located in Table 3 on page 55.*



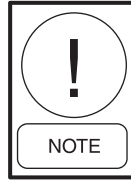
## ELECTRIC HEAT POWER SUPPLY BOX KIT TERMINAL BLOCK BOXES (CONT'D)

### 380V-60 HZ UNITS

Item	Qty	Description	50 Ton	50-60 Ton	50 Ton	50-90 Ton	60 Ton	60 Ton	60 Ton	50-90 Ton	50-90 Ton	70-90 Ton
			Single-Point Terminal Block 40 KW See Fig 16	Multi-Point Terminal Block 40 KW See Fig 16	Single-Point Terminal Block 80-108 KW See Fig 17	Multi-Point Terminal Block 80-108 KW See Fig 17	Single-Point Terminal Block 40 KW See Fig 17	Single-Point Terminal Block 80-108 KW See Fig 17	Single-Point Terminal Block 80-108 KW See Fig 17	Single-Point Terminal Block 150-200 KW See Fig 17	Multi-Point Terminal Block 150-200 KW See Fig 17	Single-Point Terminal Block 80-108 KW See Fig 17
2A	3	TERMINAL BLK, 250A	025-34408-000	025-34408-000	025-34408-000	025-34408-000	N/A	N/A	N/A	N/A	N/A	N/A
2A	3	TERMINAL BLK, 400A	N/A	N/A	N/A	N/A	025-34405-000	025-34405-000	025-34405-000	025-34405-000	025-34405-000	N/A
2A	6	TERMINAL BLK, 800A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34405-000
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	N/A
3A	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000
5A	3	FUSEBLOCK, 1P, 200A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-32521-000	025-32521-000	RAM
5A	1	FUSEBLOCK, 3P, 100A	RAM	RAM	N/A	N/A	RAM	N/A	N/A	N/A	N/A	N/A
5D	1	GROUND LUG	025-34455-000	025-34455-000	025-34088-000	025-34088-000	025-34455-000	025-34088-000	025-34088-000	025-34089-000	025-34089-000	025-34088-000
8	1	GROUND LUG	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34086-000	025-34086-000	N/A
8	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34086-000

### 400V-50 HZ UNITS

Item	Qty	Description	50-60 Ton	50-60 Ton	50-60 Ton	50-90 Ton	50-90 Ton	50-90 Ton	50-90 Ton	70-90 Ton
			Single-Point Terminal Block 40 KW See Fig 16	Multi-Point Terminal Block 40 KW See Fig 16	Single-Point Terminal Block 80-108 KW See Fig 17	Multi-Point Terminal Block 80-108 KW See Fig 17	Single-Point Terminal Block 150-200 KW See Fig 17	Single-Point Terminal Block 150-200 KW See Fig 17	Multi-Point Terminal Block 150-200 KW See Fig 17	Single-Point Terminal Block 80-108 KW See Fig 17
2A	3	TERMINAL BLK, 250A	025-34408-000	025-34408-000	025-34408-000	025-34408-000	N/A	N/A	N/A	N/A
2A	3	TERMINAL BLK, 400A	N/A	N/A	N/A	N/A	025-34405-000	025-34405-000	025-34405-000	N/A
2A	6	TERMINAL BLK, 800A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34405-000
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	N/A
3A	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000
5A	3	FUSEBLOCK, 1P, 200A	N/A	N/A	RAM	RAM	025-32521-000	025-32521-000	025-32521-000	RAM
5A	1	FUSEBLOCK, 3P, 100A	RAM	RAM	N/A	N/A	N/A	N/A	N/A	N/A
5D	1	GROUND LUG	025-34455-000	025-34455-000	025-34088-000	025-34088-000	025-34455-000	025-34088-000	025-34089-000	025-34088-000
8	1	GROUND LUG	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34086-000	N/A
8	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34086-000



*Fuse information can be located in Table 3 on page 55.*

**ELECTRIC HEAT POWER SUPPLY BOX KIT  
TERMINAL BLOCK BOXES (CONT'D)**



*Fuse information can be located in Table 3 on page 55.*

**460V UNITS**

Item	Qty	Description	50-60 Ton Single-Point Terminal Block 40 KW See Fig 16	50-60 Ton Multi-Point Terminal Block 40 KW See Fig 16	50-60 Ton Single-Point Terminal Block 80-108 KW See Fig 17	50-90 Ton Multi-Point Terminal Block 80-150 KW See Fig 17	50-60 Ton Single-Point Terminal Block 150 KW See Fig 17	70-90 Ton Multi-Point Terminal Block 200-250 KW See Fig 17	70-90 Ton Single-Point Terminal Block 200-250 KW See Fig 17	70-90 Ton Single-Point Terminal Block 80-150 KW See Fig 17
2A	3	TERMINAL BLK, 250A	025-34408-000	025-34408-000	025-34408-000	025-34408-000	N/A	N/A	N/A	N/A
2A	3	TERMINAL BLK, 400A	N/A	N/A	N/A	N/A	025-34405-000	N/A	N/A	N/A
2A	6	TERMINAL BLK, 600A	N/A	N/A	N/A	N/A	N/A	025-34408-000	N/A	N/A
2A	6	TERMINAL BLK, 800A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34405-000
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34085-000	025-34085-000	N/A	N/A	N/A	N/A
3A	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000	025-34085-000
5A	1	FUSEBLOCK, 3P, 60A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5A	3	FUSEBLOCK, 1P, 200A	N/A	N/A	RAM	RAM	N/A	025-32521-000	025-32521-000	RAM
5A	1	FUSEBLOCK, 3P, 100A	N/A	RAM	N/A	N/A	N/A	N/A	N/A	N/A
5D	1	GROUND LUG	025-34455-000	025-34455-000	025-34088-000	025-34088-000	025-34088-000	025-34089-000	025-34089-000	025-34088-000
8	1	GROUND LUG	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34086-000	N/A	N/A	N/A
8	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000	025-34086-000

**575V UNITS**

Item	Qty	Description	50-60 Ton Single-Point Terminal Block 40 KW See Fig 16	50-60 Ton Multi-Point Terminal Block 40 KW See Fig 16	50-80 Ton Single-Point Terminal Block 80 KW See Fig 16	50-80 Ton Multi-Point Terminal Block 80 KW See Fig 16	50-60 Ton Single-Point Terminal Block 80-108 KW See Fig 17	50-90 Ton Multi-Point Terminal Block 80-150 KW See Fig 17	50-90 Ton Single-Point Terminal Block 108-150 KW See Fig 17	70-90 Ton Single-Point Terminal Block 200 KW See Fig 17	70-90 Ton Multi-Point Terminal Block 200-250 KW See Fig 17	90 Ton Single-Point Terminal Block 250 KW See Fig 17
2A	3	TERMINAL BLK, 250A	025-34408-000	025-34408-000	025-34408-000	025-34408-000	025-34408-000	025-34408-000	N/A	N/A	N/A	N/A
2A	3	TERMINAL BLK, 400A	N/A	N/A	N/A	N/A	N/A	025-34405-000	025-34405-000	025-34405-000	N/A	N/A
2A	6	TERMINAL BLK, 600A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34408-000	N/A
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	N/A	N/A
3A	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000
5A	1	FUSEBLOCK, 3P, 60A	RAM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5A	3	FUSEBLOCK, 1P, 200A	N/A	N/A	N/A	N/A	RAM	N/A	N/A	025-32521-000	025-32521-000	025-32521-000
5A	1	FUSEBLOCK, 3P, 100A	N/A	RAM	RAM	RAM	N/A	RAM	RAM	N/A	N/A	N/A
5D	1	GROUND LUG	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34088-000	025-34088-000	025-34088-000	025-34089-000	025-34089-000	025-34089-000
8	1	GROUND LUG	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34086-000	025-34086-000	025-34086-000	N/A
8	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34085-000

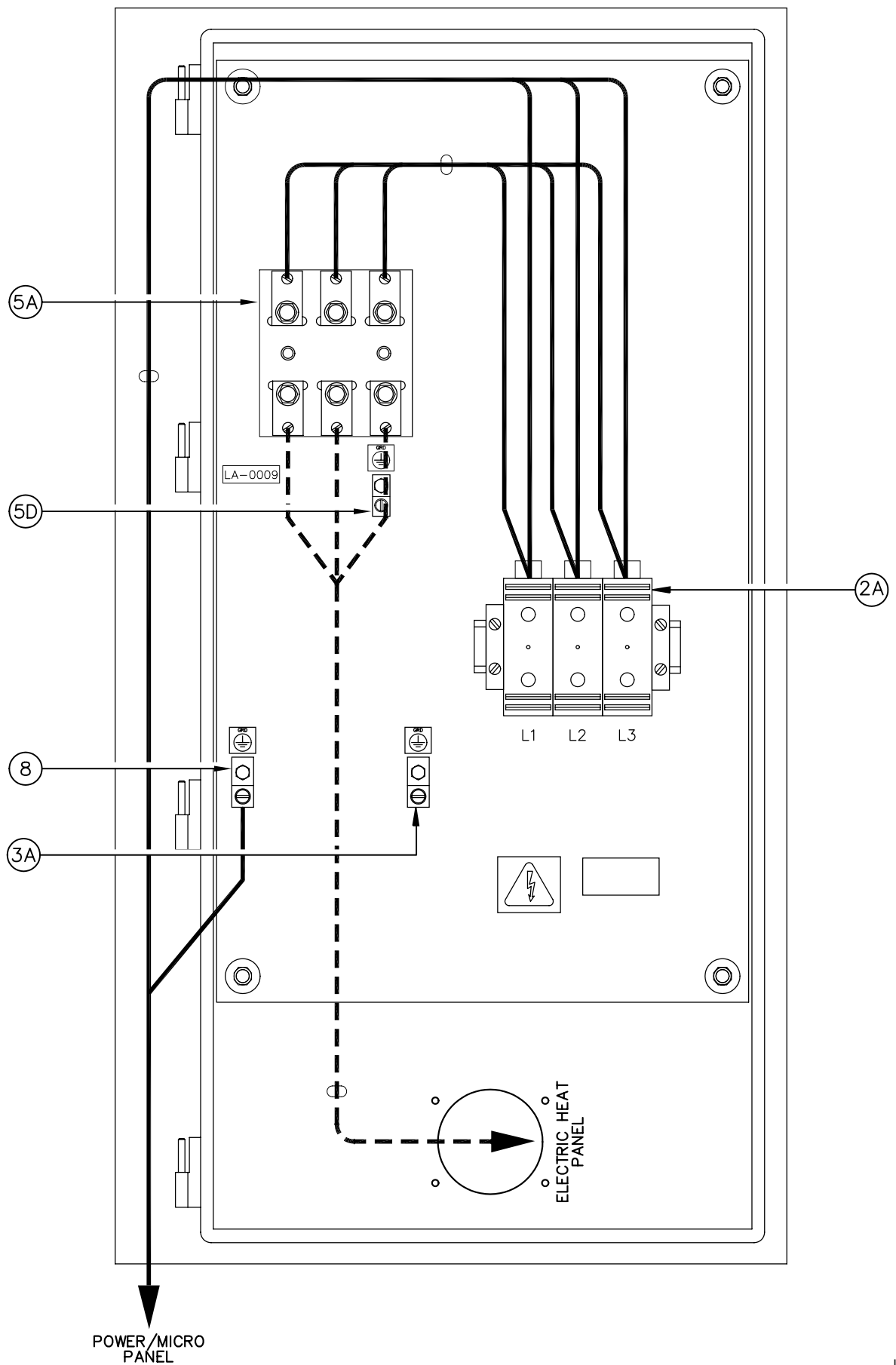


FIG. 16 – ELECTRIC HEAT KIT

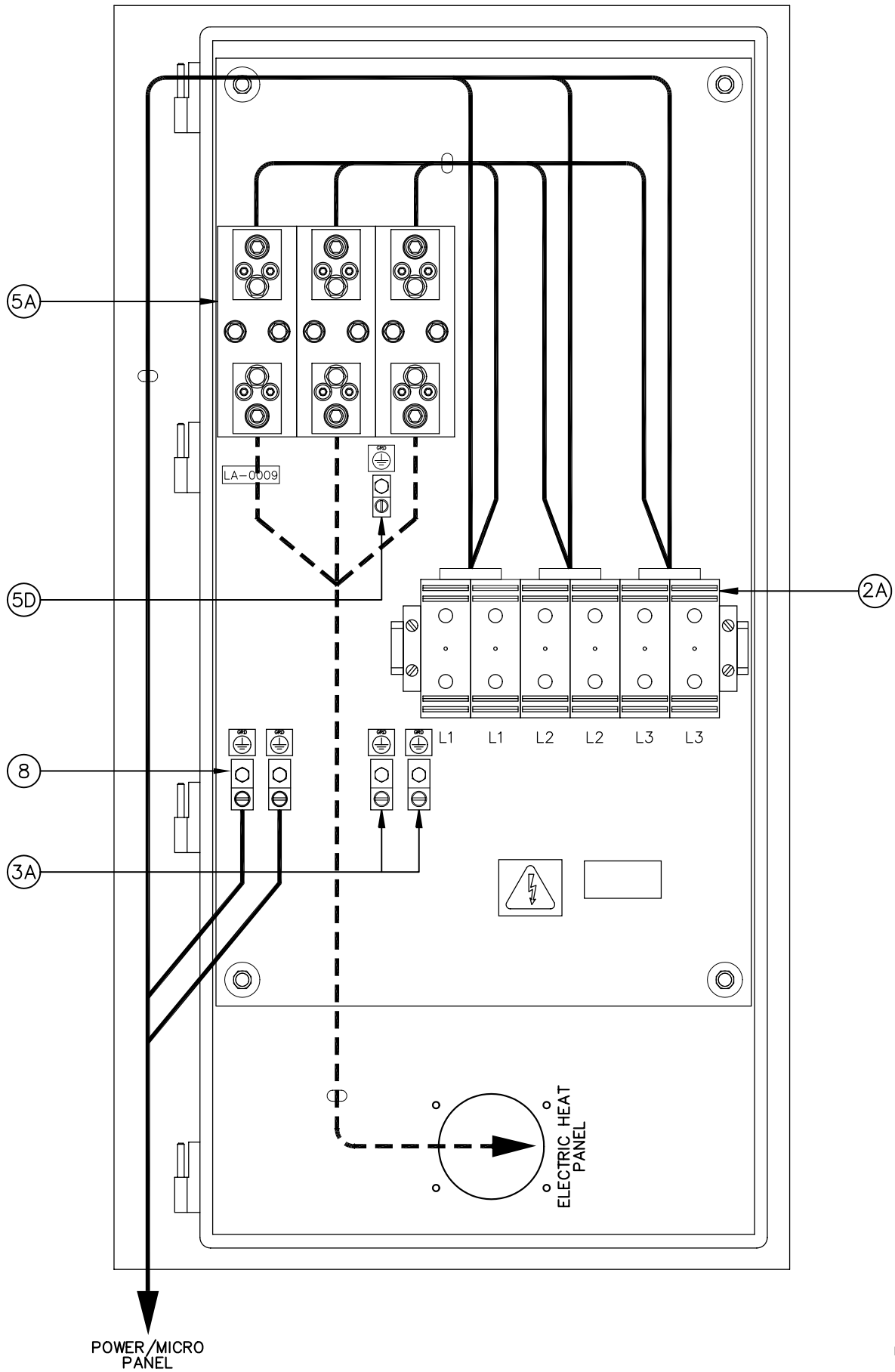


FIG. 17 – ELECTRIC HEAT KIT

## ELECTRIC HEAT POWER SUPPLY BOX KIT DISCONNECT SWITCH BOXES (SEE FIGURE 18)

### 208V UNITS

Item	Qty	Description	50-65 Ton	50-75 Ton	80-95 Ton
			Single-Point Disc Sw 40 KW	Single-Point Disc Sw 80-108 KW	Single-Point Disc Sw 80-108 KW
2A	1	MOLDED CASE SWITCH, 600A	024-25563-000	024-25563-000	N/A
2A	1	MOLDED CASE SWITCH, 800A	N/A	N/A	024-31889-000
	1	OPERATOR MECH	025-35695-000	025-35695-000	025-35695-000
	1	SHAFT, 19.69"	025-35696-000	025-35696-000	025-35696-000
	1	HANDLE, PISTOL	025-35697-000	025-35697-000	025-35697-000
3A	1	GROUND LUG	025-34089-000	N/A	N/A
3A	2	GROUND LUG	N/A	025-34089-000	025-34085-000
5A	3	FUSEBLK, 1P, 200A	RAM	025-32521-000	025-32521-000
5D	1	GROUND LUG	025-34088-000	025-34089-000	025-34089-000
8	2	GROUND LUG	025-34085-000	025-34085-000	025-34086-000

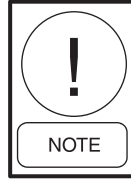
### 230V UNITS

Item	Qty	Description	50-65 Ton	50-85 Ton	90-95 Ton
			Single-Point Disc Sw 40 KW	Single-Point Disc Sw 80-108 KW	Single-Point Disc Sw 80-108 KW
2A	1	MOLDED CASE SWITCH, 600A	024-25563-000	024-25563-000	N/A
2A	1	MOLDED CASE SWITCH, 800A	N/A	N/A	024-31889-000
	1	OPERATOR MECH	025-35695-000	025-35695-000	025-35695-000
	1	SHAFT, 19.69"	025-35696-000	025-35696-000	025-35696-000
	1	HANDLE, PISTOL	025-35697-000	025-35697-000	025-35697-000
3A	1	GROUND LUG	025-34089-000	N/A	N/A
3A	2	GROUND LUG	N/A	025-34089-000	025-34085-000
5A	3	FUSEBLK, 1P, 200A	RAM	025-32521-000	025-32521-000
5D	1	GROUND LUG	025-34088-000	025-34089-000	025-34089-000
8	2	GROUND LUG	025-34085-000	025-34085-000	025-34086-000



*Fuse information can be located in  
Table 3 on page 55.*

## ELECTRIC HEAT POWER SUPPLY BOX KIT DISCONNECT SWITCH BOXES



*Fuse information can be located in Table 3 on page 55.*

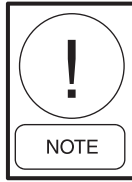
### 380V-60V UNITS

Item	Qty	Description	50 Ton Single-Point Disc Sw 40 KW See Fig 19	50 Ton Single-Point Disc Sw 80-108 KW See Fig 19	60 Ton Single-Point Disc Sw 40 KW See Fig 18	60 Ton Single-Point Disc Sw 80-108 KW See Fig 19	50-90 Ton Single-Point Disc Sw 150-200 KW See Fig 18	70-90Ton Single-Point Disc Sw 80-108 KW See Fig 18
2A	1	MOLDED CASE SWITCH, 250A	024-30963-000	024-30963-000	N/A	N/A	N/A	N/A
2A	1	MOLDED CASE SWITCH, 400A	N/A	N/A	024-25564-000	024-25564-000	N/A	N/A
2A	1	MOLDED CASE SWITCH, 600A	N/A	N/A	N/A	N/A	024-25563-000	N/A
	1	OPERATOR MECH	024-31878-000	024-31878-000	024-31878-000	024-31878-000	024-31878-000	025-35695-000
	1	SHAFT, 19.69"	025-35696-000	025-35696-000	025-35696-000	025-35696-000	025-35696-000	025-35696-000
	1	HANDLE, PISTOL	025-35697-000	025-35697-000	025-35697-000	025-35697-000	025-35697-000	025-35697-000
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34086-000	025-34086-000	N/A	N/A
3A	2	GROUND LUG	N/A	N/A	N/A	N/A	N/A	025-34089-000
5A	3	FUSEBLK, 1P, 200A	N/A	RAM	N/A	RAM	025-32521-000	RAM
5A	1	FUSEBLK, 3P, 100A	RAM	N/A	RAM	N/A	N/A	N/A
5D	1	GROUND LUG	025-34455-000	025-34088-000	025-34455-000	025-34088-000	025-34089-000	025-34088-000
8	1	GROUND LUG	N/A	025-34089-000	025-34085-000	N/A	N/A	N/A
8	2	GROUND LUG	025-34089-000	N/A	N/A	025-34089-000	N/A	025-34085-000

### 400V-50V UNITS

Item	Qty	Description	50-60 Ton Single-Point Disc Sw 40 KW See Fig 19	50-60 Ton Single-Point Disc Sw 80-108 KW See Fig 18	50-90 Ton Single-Point Disc Sw 150-200 KW See Fig 18	70-90Ton Single-Point Disc Sw 80-108 KW See Fig 18
2A	1	MOLDED CASE SWITCH, 250A	024-30963-000	024-30963-000	N/A	N/A
2A	1	MOLDED CASE SWITCH, 400A	N/A	N/A	024-25564-000	N/A
2A	1	MOLDED CASE SWITCH, 600A	N/A	N/A	N/A	024-25563-000
	1	OPERATOR MECH	024-31878-000	024-31878-000	024-31878-000	025-35695-000
	1	SHAFT, 19.69"	025-35696-000	025-35696-000	025-35696-000	025-35696-000
	1	HANDLE, PISTOL	025-35697-000	025-35697-000	025-35697-000	025-35697-000
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34086-000	N/A
3A	2	GROUND LUG	N/A	N/A	N/A	025-34089-000
5A	3	FUSEBLK, 1P, 200A	N/A	RAM	025-32521-000	RAM
5A	1	FUSEBLK, 3P, 100A	RAM	N/A	N/A	N/A
5D	1	GROUND LUG	025-34455-000	025-34088-000	025-34089-000	025-34088-000
8	1	GROUND LUG	N/A	025-34089-000	025-34085-000	N/A
8	2	GROUND LUG	025-34089-000	N/A	N/A	025-34085-000

## ELECTRIC HEAT POWER SUPPLY BOX KIT DISCONNECT SWITCH BOXES



*Fuse information can be located in Table 3 on page 55.*

### 460V UNITS

Item	Qty	Description	50-60 Ton Single-Point Disc Sw 40 KW See Fig 19	50-60 Ton Single-Point Disc Sw 80-108 KW See Fig 18	50-60 Ton Single-Point Disc Sw 150 KW See Fig 18	70-90 Ton Single-Point Disc Sw 80-150 KW See Fig 18	70-90 Ton Single-Point Disc Sw 200-250 KW See Fig 18
2A	1	MOLDED CASE SWITCH, 250A	024-30963-000	024-30963-000	N/A	N/A	N/A
2A	1	MOLDED CASE SWITCH, 400A	N/A	N/A	024-25564-000	N/A	N/A
2A	1	MOLDED CASE SWITCH, 600A	N/A	N/A	N/A	024-25563-000	024-25563-000
	1	OPERATOR MECH	024-31878-000	024-31878-000	024-31878-000	025-35695-000	025-35695-000
	1	SHAFT, 19.69"	025-35696-000	025-35696-000	025-35696-000	025-35696-000	025-35696-000
	1	HANDLE, PISTOL	025-35697-000	025-35697-000	025-35697-000	025-35697-000	025-35697-000
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34086-000	025-34089-000	025-34089-000
5A	1	FUSEBLK, 3P, 60A	RAM	N/A	N/A	N/A	N/A
5A	3	FUSEBLK, 1P, 200A	N/A	RAM	RAM	RAM	025-32521-000
5D	1	GROUND LUG	025-34455-000	025-34088-000	025-34088-000	025-34088-000	025-34089-000
8	2	GROUND LUG	025-34089-000	025-34089-000	025-34089-000	025-34085-000	025-34085-000

### 575V UNITS

Item	Qty	Description	50-60 Ton Single-Point Disc Sw 40 KW See Fig 19	50-80 Ton Single-Point Disc Sw 80 KW See Fig 19	50-60 Ton Single-Point Disc Sw 108 KW See Fig 18	50-80 Ton Single-Point Disc Sw 108-150 KW See Fig 18	70-90 Ton Single-Point Disc Sw 200 KW See Fig 18	90 Ton Single-Point Disc Sw 108-150 KW See Fig 18	90 Ton Single-Point Disc Sw 250 KW See Fig 18
2A	1	MOLDED CASE SWITCH, 250A	024-30963-000	024-30963-000	N/A	N/A	N/A	N/A	
2A	1	MOLDED CASE SWITCH, 400A	N/A	N/A	024-30963-000	024-25564-000	N/A	N/A	
2A	1	MOLDED CASE SWITCH, 600A	N/A	N/A	N/A	N/A	024-25563-000	024-25563-000	
	1	OPERATOR MECH	024-31878-000	024-31878-000	024-31878-000	024-31878-000	025-35695-000	025-35695-000	
	1	SHAFT, 19.69"	025-35696-000	025-35696-000	025-35696-000	025-35696-000	025-35696-000	025-35696-000	
	1	HANDLE, PISTOL	025-35697-000	025-35697-000	025-35697-000	025-35697-000	025-35697-000	025-35697-000	
3A	1	GROUND LUG	025-34085-000	025-34085-000	025-34085-000	025-34086-000	025-34089-000	025-34089-000	
5A	1	FUSEBLK, 3P, 60A	RAM	N/A	N/A	N/A	N/A	N/A	
5A	3	FUSEBLK, 1P, 200A	N/A	N/A	RAM	RAM	RAM	025-32521-000	
5A	1	FUSEBLK, 3P, 100A	N/A	RAM	N/A	N/A	N/A	N/A	
5D	1	GROUND LUG	025-34455-000	025-34455-000	025-34088-000	025-34088-000	025-34088-000	025-34089-000	
8	1	GROUND LUG	N/A	025-34089-000	025-34089-000	N/A	N/A	N/A	
8	2	GROUND LUG	025-34089-000	N/A	N/A	025-34089-000	025-34085-000	025-34085-000	

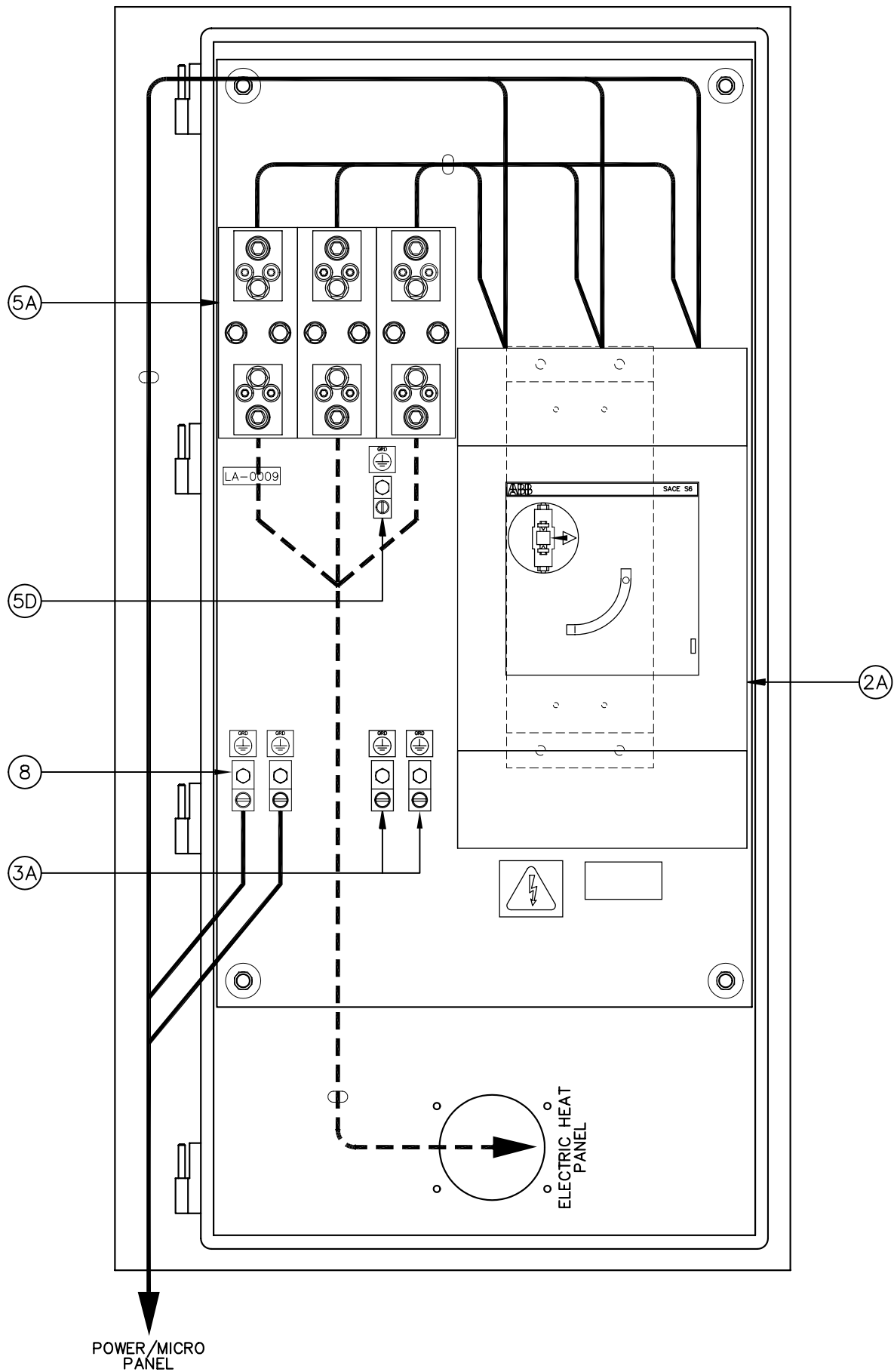


FIG. 18 – ELECTRIC HEAT KIT

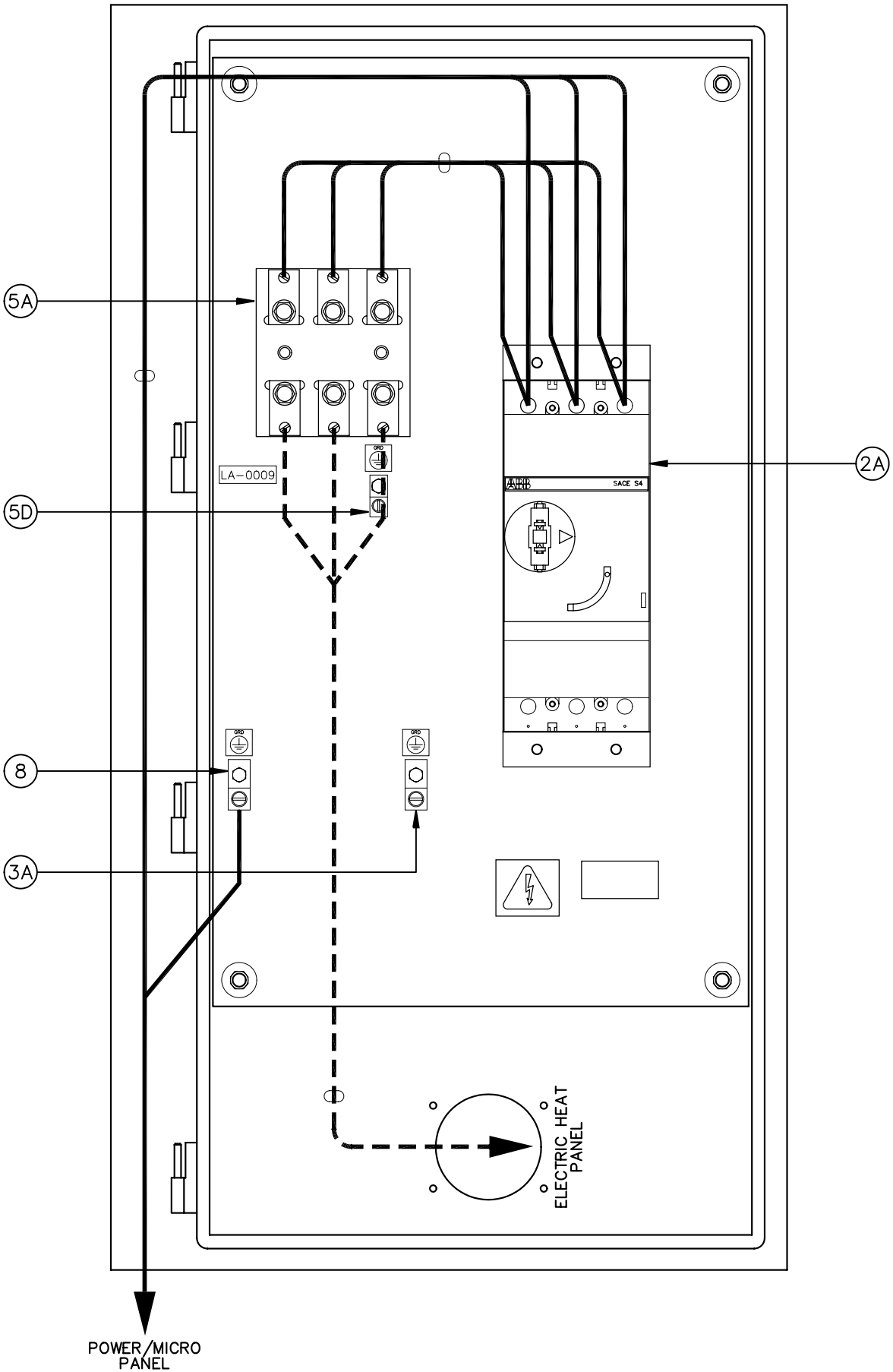


FIG. 19 – ELECTRIC HEAT KIT

CIRCUIT	CONNECTOR	POSITIONS & WIRE NUMBERS												HOUSING		CONTACT		NOTES	
		1	2	3	4	5	6	7	8	9	10	11	12	AMP TYPE	YORK PART #	AMP TYPE	YORK PART #		
1LLSV, 2LLSV, 3LLSV	J39 (PANEL)	15	2	GND	25	2	GND	35	2	GND				CAP 1-480707-0	025-21191-000	PIN 350687-1	025-22214-000	2	
	P39 (RTU)													PLUG 1-480706-0	025-21192-000	SKT 350536-1	025-22215-000		
HGSV	J40 (PANEL)	16	2											CAP 1-480699-0	025-21159-000	PIN 350687-1	025-22214-000		
	P40 (RTU)													PLUG 1-480698-0	025-19672-000	SKT 350536-1	025-22215-000		
SF DP-SW	J25 (PANEL)	BI11	BIR	SH										CAP 1-480701-0	RAM # CN-0641	PIN 350687-1	025-22214-000		
(AIR FLOW PROVE)	P25 (RTU)													PLUG 1-480700-0	025-19671-000	SKT 350536-1	025-22215-000		
FILTER DP-SW (CLOGGED ALARM)	J26 (PANEL)	BI12	BIR	SH										CAP 1-480701-0	RAM # CN-0641	PIN 350687-1	025-22214-000		
	P26 (RTU)													PLUG 1-480700-0	025-19671-000	SKT 350536-1	025-22215-000		
EVAP. COIL FREESESTAT	J27 (PANEL)	BI13	BIR	SH										CAP 1-480701-0	RAM # CN-0641	PIN 350687-1	025-22214-000		
	P27 (RTU)													PLUG 1-480700-0	025-19671-000	SKT 350536-1	025-22215-000		
HW COIL FREESESTAT	J28 (PANEL)	BI14	BIR	SH										CAP 1-480701-0	RAM # CN-0641	PIN 350687-1	025-22214-000		
	P28 (RTU)													PLUG 1-480700-0	025-19671-000	SKT 350536-1	025-22215-000		
TEMP & RH SENSORS	J29 (PANEL)	SEE SHEET "TEMP & PRESS SENSORS"													CAP 1-480709-0	025-20787-000	PIN 350687-1	025-22214-000	
	P29 (RTU)														PLUG 1-480708-0	025-21196-000	SKT 350536-1	025-22215-000	
AMS PRESSURE #1	J30, J31 (PANEL)	SEE SHEET "TEMP & PRESS SENSORS"													CAP 1-480705-0	025-20963-000	PIN 350687-1	025-22214-000	
	P30, P31 (RTU)														PLUG 1-480704-0	025-19670-000	SKT 350536-1	025-22215-000	
AMS PRESSURE #2	J32 (PANEL)	SEE SHEET "TEMP & PRESS SENSORS"													CAP 1-480701-0	RAM # CN-0641	PIN 350687-1	025-22214-000	
	P32 (RTU)														PLUG 1-480700-0	025-19671-000	SKT 350536-1	025-22215-000	
GAS FURNACE CONTROL PANEL	J33 (PANEL)	121	122	COM	143	123	124	COM	142	125	126	COM	141	CAP 1-480707-0	025-20787-000	PIN 350687-1	025-22214-000		
	P33 (RTU)													PLUG 1-480706-0	025-21196-000	SKT 350536-1	025-22215-000		
SAFETY CHAIN (SYSTEM 1)	J22 (PANEL)	127	127A	144										CAP 1-480701-0	RAM # CN-0641	PIN 350687-1	025-22214-000		
	P22 (RTU)													PLUG 1-480700-0	025-19671-000	SKT 350536-1	025-22215-000		
SAFETY CHAIN (SYSTEM 2)	J23 (PANEL)	128	128A	145										CAP 1-480701-0	RAM # CN-0641	PIN 350687-1	025-22214-000		
	P23 (RTU)													PLUG 1-480700-0	025-19671-000	SKT 350536-1	025-22215-000		
SAFETY CHAIN (SYSTEM 3)	J24 (PANEL)	129	129A	146										CAP 1-480701-0	RAM # CN-0641	PIN 350687-1	025-22214-000		
	P24 (RTU)													PLUG 1-480700-0	025-19671-000	SKT 350536-1	025-22215-000		
HW/STEAM-CV	J34 (PANEL)	200	2COM	AO6	AO6C		GND							CAP 1-480705-0	025-20963-000	PIN 350687-1	025-22214-000		
	P34 (RTU)													PLUG 1-480704-0	025-19670-000	SKT 350536-1	025-22215-000		
AIR MIXING DAMPERS	J35 (PANEL)	200	2COM	AO5	AO5C	AO4	AO4C			GND				CAP 1-480707-0	025-21191-000	PIN 350687-1	025-22214-000		
	P35 (RTU)													PLUG 1-480706-0	025-21192-000	SKT 350536-1	025-22215-000		
EA & OA/RA DAMPERS	J36 (PANEL)	200	2COM	AO2	AO2C	AO3	AO3C			GND				CAP 1-480707-0	025-21191-000	PIN 350687-1	025-22214-000	2	
	P36 (RTU)													PLUG 1-480706-0	025-21192-000	SKT 350536-1	025-22215-000		
SF-VFD	J38 (PANEL)	AO1	AO1C	SFW	SCM		GND							CAP 1-480705-0	025-20963-000	PIN 350687-1	025-22214-000		
	P38 (RTU)													PLUG 1-480704-0	025-19670-000	SKT 350536-1	025-22215-000		
EF-VFD	J37 (PANEL)	AO2	AO2C	EFW	ECM		GND							CAP 1-480705-0	025-20963-000	PIN 350687-1	025-22214-000		
	P37 (RTU)													PLUG 1-480704-0	025-19670-000	SKT 350536-1	025-22215-000		
SF-VFD BYPASS PANEL	J47 (PANEL)	108	COM	VFD	BYP									CAP 1-480703-0	025-21756-000	PIN 350687-1	025-22214-000		
	P47 (SF-VFD)	RR	COM	VFD	BYP									PLUG 1-480702-0	025-21417-000	SKT 350536-1	025-22215-000	2	

NOTES:

1. PANEL HARNESS SHALL HAVE CAP/PIN CONNECTORS SUITABLE FOR BULKHEAD MOUNTING. RTU HARNESS WILL HAVE MATING PLUG/SOCKET CONNECTORS.
2. FOR DUAL WIRE TERMINATION, USE AMP PIN # 350700-1 (YK-025-20919-000).

## SUPPLY FAN MOTOR FUSES

**TABLE 1 - SUPPLY FAN FUSES**

Unit Size	Motor HP	Voltage	Hertz	Amps	Part Number
50-65	10	200	60	40	025-36173-000
		230	60	40	025-36173-000
		460	60	20	025-36168-000
		575	60	15	025-36167-000
		400	50	25	025-36169-000
		380	60	25	025-36169-000
50-95	15	200	60	60	025-36176-000
		230	60	60	025-36176-000
		460	60	25	025-36169-000
		575	60	20	025-36168-000
		400	50	30	025-36170-000
		380	60	30	025-36170-000
	20	200	60	80	025-36178-000
		230	60	80	025-36178-000
		460	60	30	025-36170-000
		575	60	30	025-36170-000
		400	50	40	025-36173-000
		380	60	40	025-36173-000
	25	200	60	90	025-36179-000
		230	60	90	025-36179-000
		460	60	40	025-36173-000
		575	60	40	025-36173-000
		400	50	50	025-36175-000
		380	60	50	025-36175-000
	30	200	60	125	025-36282-000
		230	60	100	025-36180-000
		460	60	50	025-36175-000
		575	60	40	025-36173-000
		400	50	60	025-36176-000
		380	60	60	025-36176-000
40	200	60	150	025-36182-000	
	230	60	125	025-36282-000	
	460	60	60	025-36176-000	
	575	60	50	025-36175-000	
	400	50	80	025-36178-000	
	380	60	80	025-36178-000	
70-95	50	200	60	175	025-36183-000
		230	60	150	025-36182-000
		460	60	80	025-36178-000
		575	60	60	025-36176-000
		400	50	90	025-36179-000
		380	60	90	025-36179-000
	60	200	60	200	025-36184-000
		230	60	175	025-36183-000
		460	60	90	025-36179-000
		575	60	80	025-36178-000
		400	50	125	025-36282-000
		380	60	125	025-36282-000

## EXHAUST FAN MOTOR VFD FUSES

**TABLE 2 - EXHAUST FAN MOTOR VFD FUSES**

Unit Size	Motor HP	Voltage	Hertz	Amps	Part Number
50-95	5	200	60	20	025-36168-000
		230	60	20	025-36168-000
		460	60	10	025-36281-000
		575	60	10	025-36281-000
		400	50	10	025-36281-000
		380	60	10	025-36281-000
	7.5	200	60	30	025-36170-000
		230	60	30	025-36170-000
		460	60	15	025-36167-000
		575	60	15	025-36167-000
		400	50	20	025-36168-000
		380	60	20	025-36168-000
	10	200	60	40	025-36173-000
		230	60	40	025-36173-000
		460	60	20	025-36168-000
		575	60	15	025-36167-000
		400	50	25	025-36169-000
		380	60	25	025-36169-000
	15	200	60	60	025-36176-000
		230	60	60	025-36176-000
		460	60	25	025-36169-000
		575	60	20	025-36168-000
		400	50	30	025-36170-000
		380	60	30	025-36170-000
20	200	60	80	025-36178-000	
	230	60	80	025-36178-000	
	460	60	30	025-36170-000	
	575	60	30	025-36170-000	
	400	50	40	025-36173-000	
	380	60	40	025-36173-000	
70-95	25	200	60	90	025-36179-000
		230	60	90	025-36179-000
		460	60	40	025-36173-000
		575	60	40	025-36173-000
		400	50	50	025-36175-000
		380	60	50	025-36175-000
	30	200	60	100	025-36180-000
		230	60	100	025-36180-000
		460	60	50	025-36175-000
		575	60	40	025-36173-000
		400	50	60	025-36176-000
		380	60	60	025-36176-000

## ELECTRIC HEATER COIL FUSES

**TABLE 3 - ELECTRIC HEATER COIL FUSES**

<b>Amps</b>	<b>Part Number</b>
50	025-36307-001
60	025-36307-002
70	025-36307-003
90	025-36307-004
125	025-36307-005
150	025-36307-006
175	025-32821-000
200	025-32822-000
225	025-32523-000
250	025-32524-000
300	025-32525-000
350	025-32526-000

