INSTALLATION INSTRUCTIONS FOR DISCONNECT SWITCH AND CIRCUIT BREAKER KIT
USED ON TG/TC/TH/KG/KC/KH/LGH/LCH 024-150 PACKAGED UNITS

Shipping and Packing List

20W15-26 Package 1 of 1 contains:
1- Power entry box assembly
73M87-88 & 73M91-99 & 74M00-05
Package 1 of 1 contains:
1- Power entry box assembly
1- Power entry cover
1- Gasket
1- Bag assembly containing:
    1- Disconnect switch flip-cover
    1- Rain lip
    3- Wires
12-#10-32 X 1/2 Screws
4-#6-16 X 1/2 Screws
4-#8-32 X 1/2 Screws

Application

The Disconnect and Circuit Breaker Kits are used on TG/TC/TH/KG/KC/KH/LGH/LCH 024 through 150 units. See table 1, 2, or 3 for usage. Disconnect size depends on unit voltage, blower motor horsepower, and electric heat; refer to product specifications to determine which size disconnect or circuit breaker to use with each unit.

WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a qualified installer, service agency or the gas supplier.

TABLE 1
TG/TC/KG/KC 030, 036, 048, 060 & TH/KH 024, 030, 036, 048, 060B
LGH036-048

<table>
<thead>
<tr>
<th>Unit (Short Cabinet)</th>
<th>Disconnect Kit</th>
<th>Hinges</th>
<th>Size (Amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC/TH/KC/KH</td>
<td>LB-111182D</td>
<td>20W18</td>
<td>80</td>
</tr>
<tr>
<td>TC/TH/KC/KH</td>
<td>LB-111182E</td>
<td>20W19</td>
<td>150</td>
</tr>
<tr>
<td>TG/KG</td>
<td>LB-111182F</td>
<td>20W20</td>
<td>80</td>
</tr>
<tr>
<td>TC/TH/KC/KH/LCH</td>
<td>LB-111182K</td>
<td>20W24</td>
<td>80</td>
</tr>
<tr>
<td>TC/TH/KC/KH/LCH</td>
<td>LB-111182L</td>
<td>20W25</td>
<td>150</td>
</tr>
<tr>
<td>TG/KG/LGH</td>
<td>LB-111182M</td>
<td>20W26</td>
<td>80</td>
</tr>
</tbody>
</table>

TABLE 2
TH/KH/LGH/LCH 060, KG/KC 090 & All 072 Units

<table>
<thead>
<tr>
<th>Unit (Tall Cabinet)</th>
<th>Disconnect Kit</th>
<th>Hinges</th>
<th>Size (Amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC/TH/KC/KH</td>
<td>LB-111182D</td>
<td>20W18</td>
<td>80</td>
</tr>
<tr>
<td>TC/TH/KC/KH</td>
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<td>150</td>
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<tr>
<td>TG/KG</td>
<td>LB-111182F</td>
<td>20W20</td>
<td>80</td>
</tr>
<tr>
<td>TC/TH/KC/KH/LCH</td>
<td>LB-111182K</td>
<td>20W24</td>
<td>80</td>
</tr>
<tr>
<td>TC/TH/KC/KH/LCH</td>
<td>LB-111182L</td>
<td>20W25</td>
<td>150</td>
</tr>
<tr>
<td>TG/KG/LGH</td>
<td>LB-111182M</td>
<td>20W26</td>
<td>80</td>
</tr>
</tbody>
</table>

TABLE 3
TG/TC/TH 090-150 Units

<table>
<thead>
<tr>
<th>Disconnect Kit</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>LB-107879A</td>
<td>73M87</td>
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<tr>
<td>LB-107879B</td>
<td>73M88</td>
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<tr>
<td>Circuit Breaker Kit</td>
<td>Size</td>
</tr>
<tr>
<td>LB-107879E</td>
<td>73M91</td>
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<tr>
<td>LB-107879F</td>
<td>73M92</td>
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<td>LB-107879G</td>
<td>73M93</td>
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<td>LB-107879H</td>
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<td>LB-107879R</td>
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<td>LB-107879S</td>
<td>74M02</td>
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<td>74M03</td>
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<td>LB-107879W</td>
<td>74M04</td>
</tr>
<tr>
<td>LB-107879X</td>
<td>74M05</td>
</tr>
</tbody>
</table>

Installation - 024-072, KG/KC 090 Units

1- Disconnect all power to unit. Open compressor access panel.
2- Remove the mullion on the left side of the compressor section. Retain the screws. See figure 1.
3- On units with hinged panels, remove the door seal from the mullion. Install the door seal in the same
4- Install the disconnect assembly in place of the removed mullion. Secure with retained screws.

**Disconnect Cover - TG/TC/TH 090-150 Units**

1- Install flip cover and gasket on painted side of power entry cover as shown in figure 7. Make sure flip cover opens upward.

2- Install power entry cover over power make-up box opening. Secure with screws.

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**CAUTION**

Danger of sharp metallic edges. Can cause injury. Take care when servicing unit to avoid accidental contact with sharp edges.

**Installation - TG/TC/TH 090-150 Units**

1- Disconnect all power to unit and remove compressor access panels.

2- Remove the cover plate on the mullion between the compressor and blower sections.

3- Align the power entry box, rain lip, and mullion engaging holes as shown in figure 2 and 3. Place the rain lip flange between the power entry box and the mullion. Secure with screws provided in kit.

**Wiring**

1- Route main power through field-provided conduit to power entry box. See figure 4. Refer to unit dimensions in unit installation instruction for power entry location. Connect power wiring to L1, L2, and L3 on disconnect or circuit breaker.

2- Make wire connections as shown in figure 5 when no electric heat is installed. Make wire connections as shown in figure 6 when electric heat is installed with single point power supply. Refer to the component arrangement sticker on the inside of the compressor access panel for the location of K1, K2, and K3.
FIELD WIRE ROUTING

SIDE ENTRY KNOCKOUTS

SEAL WATERTIGHT

RUN FIELD WIRING IN FIELD PROVIDED CONDUIT

FIGURE 4

WIRING - NO ELECTRIC HEAT

Wiring routed from the top of the entry box on 024-072 units.

CONTROL BOX

K1 IN 024-072 UNITS
K2 IN 090-150 UNITS

WIRING PROVIDED IN KIT

POWER ENTRY BOX

S48/CB10

L1 L2 L3

T1 T2 T3

ROUTE FIELD-PROVIDED POWER WIRING

FIGURE 5
WIRING - ELECTRIC HEAT AND SINGLE POINT POWER SUPPLY

CONTROL BOX

F4

T1 T2 T3

TB2

L1 L2 L3

S48/CB10

POWER ENTRY BOX

ROUTE FIELD-PROVIDED POWER WIRING

PROVIDED IN KIT

Wiring routed from the top of the entry box on 024-072 units.

INCLUDED IN F4 KIT

REQUIRED FOR SINGLE-POINT POWER SUPPLY; ORDER AND INSTALL SEPARATELY (IF NOT INCLUDED)

L1 L2 L3

T1 T2 T3

TB2

POWER ENTRY COVER AND FLIP-COVER
090-150 UNITS

OFFSET TAB UPWARD

PAINTED SIDE OUT

GASKET

FLIP-COVER

POWER ENTRY COVER

FIGURE 6

FIGURE 7