



INSTALLATION INSTRUCTIONS

FIELD INSTALLATION INSTRUCTIONS FOR KIT 629097608 (120V)

Before starting installation, read and understand all safety label and warnings on the machine. Also, review and understand all safety instructions in the owners, installation and service manuals. FAILURE TO COMPLY COULD RESULT IN SERIOUS INJURY, DEATH OR DAMAGE TO THE EQUIPMENT.

⚠ WARNING:

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit. **ALL WIRING AND PLUMBING MUST CONFORM TO NATIONAL AND LOCAL CODES. FAILURE TO COMPLY COULD RESULT IN SERIOUS INJURY, DEATH OR EQUIPMENT DAMAGE.**

⚠ WARNING:

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work. **FAILURE TO COMPLY COULD RESULT IN SERIOUS INJURY, DEATH OR DAMAGE TO THE EQUIPMENT.**

⚠ CAUTION:

Always be sure to keep the area around the unit clean and free of clutter. **FAILURE TO KEEP THIS AREA CLEAN MAY RESULT IN INJURY OR EQUIPMENT DAMAGE.**

⚠ WARNING:

This installation requires Drilling operation. Only skilled operators with appropriate PPE (Personal Protection Equipments) should service this unit. **FAILURE TO COMPLY COULD RESULT IN SERIOUS INJURY, DEATH OR DAMAGE TO THE EQUIPMENT.**

Kit Includes:

Table 1. Parts Lists

Item No.	Part No.	Description	Quantity
1	620066534	HARN CONTROL BOX WCC700A W/AUGER DELAY	1
2	638031498	TIMER AUGER DELAY 60 SEC 120/60	1
3	07515	SCREW SM 10 TB PAPH 32 STZ	1
4	620054736	CLAMP HARNESS ADJUSTABLE 0.57-0.75" RICHCO	1
5	620054731	WIRE ASSY SAFETY WCC700	1
6	629097608INS	MANL INS KIT AUGER DELAY TIMER WCC500/700 (120V)	1

Tools and Supplies Required:

Table 2. Tools Required

 <p>Figure 1. Screw Driver</p>	 <p>Figure 2. Nose Plier</p>	 <p>Figure 3. Nut Driver 5/16"</p>
 <p>Figure 4. Cable Clip</p>	 <p>Figure 5. Hand Drilling Machine</p>	 <p>Figure 6. Drill Bit</p>

Table 3. Installation Procedure

Step	Action
1	Switch off the power to the unit.
2	<p data-bbox="354 583 831 646">Remove screws from the Top and Front panel.</p> <div data-bbox="912 386 1484 798"> </div> <p data-bbox="1175 806 1260 835">Screws</p> <p data-bbox="1149 865 1253 894">Figure 7.</p>
3	<p data-bbox="354 1075 863 1180">Locate the E-box on the unit. Remove the panel on the left side, close to E- Box.</p> <div data-bbox="1045 919 1360 1352"> </div> <p data-bbox="1149 1369 1253 1398">Figure 8.</p>
4	<p data-bbox="354 1642 863 1671">Disconnect all harness going to the E-Box.</p> <div data-bbox="941 1415 1484 1852"> </div> <p data-bbox="941 1692 1062 1722">Terminals</p> <p data-bbox="1149 1869 1253 1898">Figure 9.</p>

Table 3. Installation Procedure

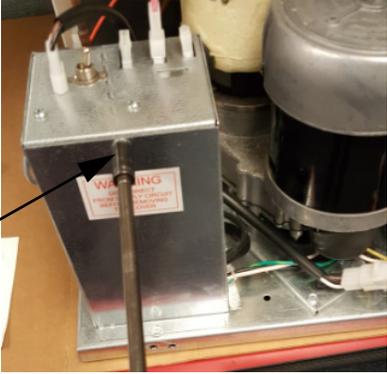
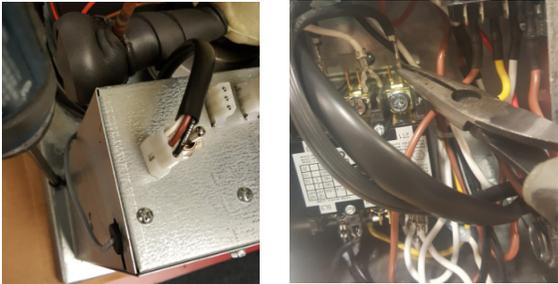
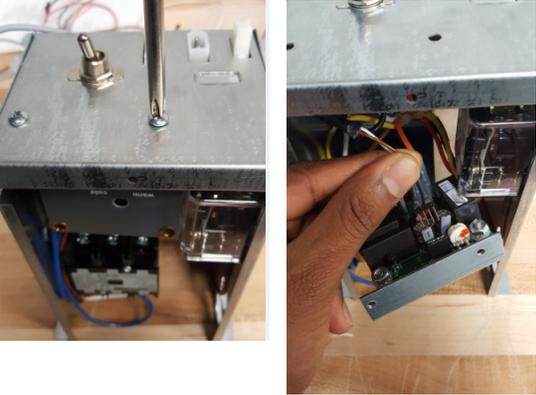
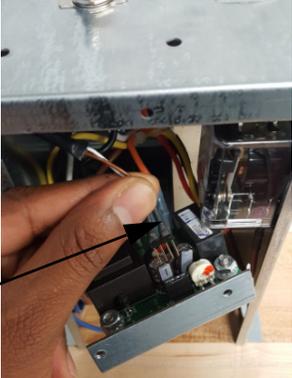
Step	Action	
5	Remove the E-Box cover.	 <p data-bbox="1049 688 1162 716">Figure 10.</p>
6	<p data-bbox="261 804 773 894">Remove the Compressor and Gear motor harness from the top of the Contactor in the E-Box.</p> <p data-bbox="261 909 781 999">Remove the E-Box from unit by removing the screw on the side of E-Box & move to the work table.</p>	 <p data-bbox="1049 1052 1162 1079">Figure 11.</p>
7	<p data-bbox="261 1213 773 1272">Remove the Connectors from the Top of E-Box.</p> <p data-bbox="261 1287 756 1346">Remove the Bin control switch from the E-Box.</p>	 <p data-bbox="1049 1520 1162 1547">Figure 12.</p>
8	Remove all the harness connected to the bin control switch except the Blue ones.	 <p data-bbox="1049 1961 1162 1988">Figure 13.</p>

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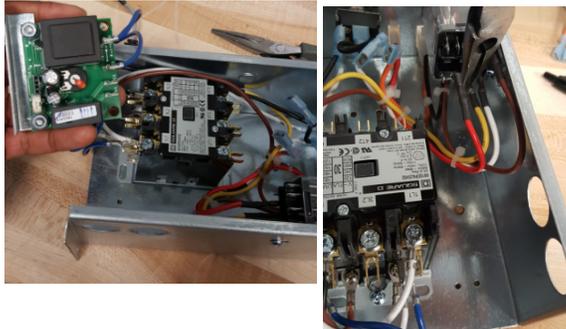
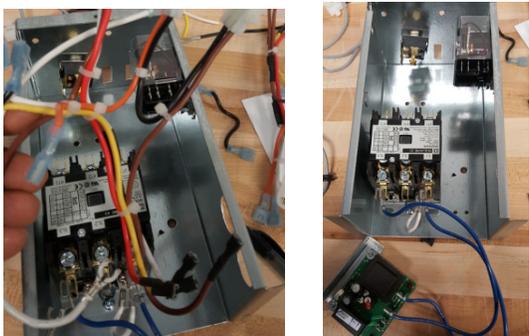
Step	Action	
9	<p>Remove the harness from the Anti freeze Relay.</p> <p>Remove the harness from the toggle switch.</p>	 <p style="text-align: center;">Figure 14.</p>
10	<p>Remove the harness from the Contactor.</p>	 <p style="text-align: center;">Figure 15.</p>
11	<p>Remove the harness from the E-box.</p>	 <p style="text-align: center;">Figure 16.</p>
12	<p>Drill the hole 0.150" at 1" by 1" from the left top corner on the rear side of the E-Box to mount the Auger delay timer.</p>	 <p style="text-align: center;">Figure 17.</p>

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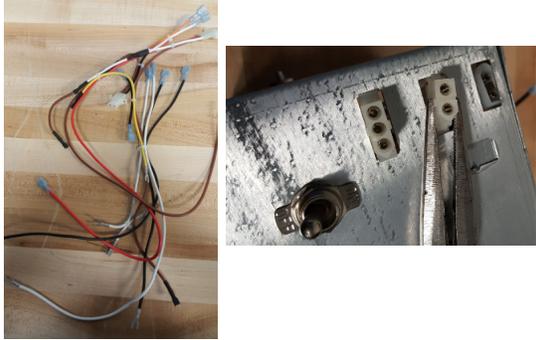
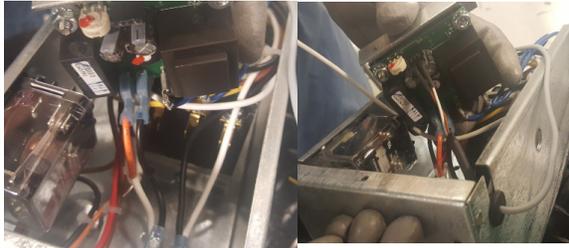
Step	Action
13	<p>Obtain the new harness. Insert the Terminal blocks into the E-box.</p>  <p style="text-align: right;">Figure 18.</p>
14	<p>Connect the new harness to the toggle switch.</p>  <p style="text-align: right;">Figure 19.</p>
15	<p>Attach the Orange and Black ends to the bin control switch. Attach the Grey wire with the thermostat to the bin control switch. Refer Page- 9 for wiring diagram.</p>  <p style="text-align: right;">Figure 20.</p>
16	<p>Attach the White, Yellow and Brown wire to the 'A', '7' and '4' terminals in the anti freeze relay respectively. Attach the Black wire to 'b' end in the relay. Identify the long ends of White, Black, Brown and Red wires and route them through the hole to the outside. Refer Page- 9 for wiring diagram.</p>  <p style="text-align: right;">Figure 21.</p>

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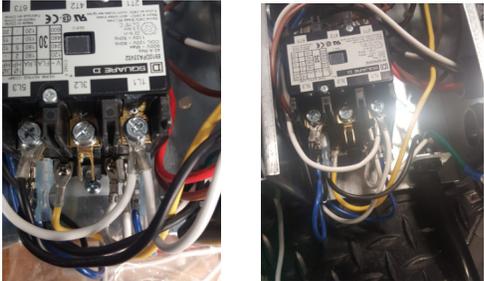
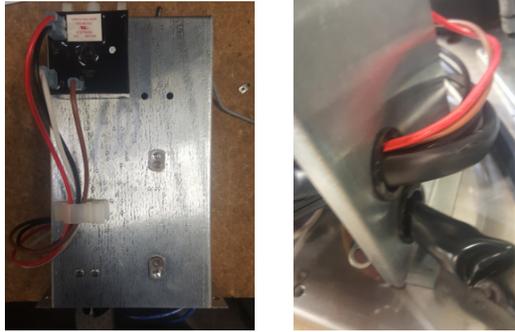
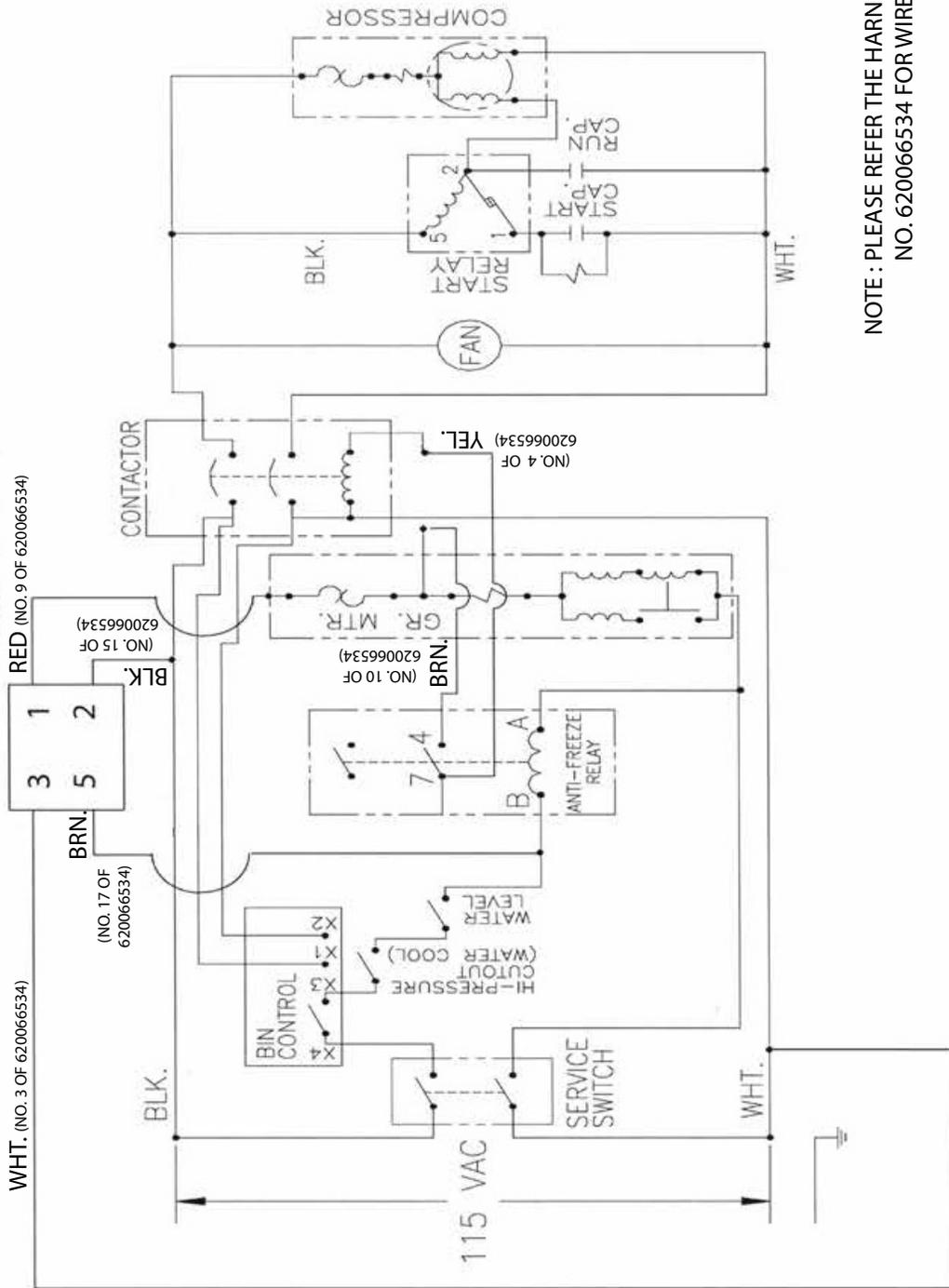
Step	Action	
17	Obtain the Delay timer from the Kit and attach the Red and Black end to 1 & 2 and the White and Brown to 3 & 5 respectively. Refer Page- 9 for wiring diagram.	 <p style="text-align: center;">Figure 22.</p>
18	On the contactor, attach the Yellow end to A1 and White end to A2. Attach the other end of the White to 1L1. Screw the two Black wires to 5L3 end and two White ends to 1L1. Connect the Black wire from the power cord to 5L3 and the White one to the 1L1.	 <p style="text-align: center;">Figure 23.</p>
19	Install the Bin control switch back to the E-box.	 <p style="text-align: center;">Figure 24.</p>
20	Add double sided adhesive tape or suitable Adhesive on the backside of the Timer as shown in the Figure 25.	 <p style="text-align: center;">Figure 25.</p>

Table 3. Installation Procedure

Step	Action
21	<p>Install Auger delay kit to the E-box using screw included in kit.</p> <p>Install cable clip below Auger delay timer.</p> <p>Install the E-box back to the unit. Route the Compressor harness and the Gear motor harness through the holes in the E-box and connect them back to the original position.</p> <div data-bbox="826 298 1341 630">  </div> <p data-bbox="1045 642 1162 674" style="text-align: center;">Figure 26.</p>
22	<p>Re-attach the harness on the top of the E-Box to their original positions.</p> <div data-bbox="972 686 1291 1062">  </div> <p data-bbox="1045 1075 1162 1106" style="text-align: center;">Figure 27.</p>
23	<p>Assemble back Top and Side panel.</p>

WIRING DIAGRAM

638031498 DELAY TIMER



NOTE : PLEASE REFER THE HARNESS DRAWING
NO. 620066534 FOR WIRE NUMBERS.

Figure 28.

