



30MPA,MPW017-080

30RC010-060

38RCD025-060

38RCS025-050

Low Sound Compressor Blanket Accessory

Installation Instructions

Part No: 30MP70000101; 30RC70002401; 30RC70002501; 30RC70004201; 30RC70004301; 30RC70004401; 30RC70004501; 30RC70006001; 30RC70006101

SAFETY CONSIDERATIONS

Installation of this accessory can be hazardous due to system pressures, electrical components, and equipment locations (such as a roof or elevated structure).

Only trained, qualified installers and service technicians should install, start up, and service this equipment.

When installing this accessory, observe precautions in the literature and on any labels attached to the equipment, and all other safety precautions that may apply.

- Follow all safety codes.
- Wear safety glasses and work gloves.
- Use care in handling and installing this accessory.

WARNING

Electrical shock can cause personal injury and death. Shut off all power to this equipment during installation. There may be more than one disconnect switch. Tag all disconnect locations to alert others not to restore power until work is completed.

INTRODUCTION

This accessory package is intended for use with the 30MPA,MPW017-080, 30RC010-060, 38RCD025-060, and 38RCS025-050 units. See Table 1-4 for accessory package usage.

NOTE: Units require more than one accessory package.

Table 1 — 30RC Compressor Sound Blanket Accessory Part Numbers

30RC	Fixed Speed Compressor				Digital Compressor Option			
	A1	A2	B1	B2	A1	A2	B1	B2
10	30RC70004301	30RC70004201	N/A	N/A	30RC70004301	30RC70004201	N/A	N/A
15	30RC70004401	30RC70004301	N/A	N/A	30RC70004401	30RC70004301	N/A	N/A
20	30RC70004501	30RC70004501	N/A	N/A	30RC70004501	30RC70004501	N/A	N/A
25	30RC70006001	30RC70006001	N/A	N/A	30RC70006101	30RC70006001	N/A	N/A
30	30RC70006001	30RC70006001	N/A	N/A	30RC70006101	30RC70006001	N/A	N/A
35	30RC70004501	30RC70004501	30RC70004401	30RC70004401	30RC70004501	30RC70004501	30RC70004401	30RC70004401
40	30RC70006001	30RC70006001	30RC70004501	30RC70004501	30RC70006101	30RC70006001	30RC70004501	30RC70004501
45	30RC70006001	30RC70006001	30RC70006001	30RC70006001	30RC70006101	30RC70006001	30RC70006001	30RC70006001
50	30RC70006001	30RC70006001	30RC70006001	30RC70006001	30RC70006101	30RC70006001	30RC70006001	30RC70006001
55	30RC70006001	30RC70006001	30RC70006001	30RC70006001	30RC70006101	30RC70006001	30RC70006001	30RC70006001
60	30RC70006001	30RC70006001	30RC70006001	30RC70006001	30RC70006101	30RC70006001	30RC70006001	30RC70006001

Table 2 — 30MP Compressor Sound Blanket Accessory Part Numbers

30MP	Fixed Speed Compressor				Digital Compressor Option			
	A1	A2	A3	B1	A1	A2	A3	B1
17	30RC70004401	30RC70004301	N/A	N/A	30RC70004401	30RC70004301	N/A	N/A
21	30RC70004501	30RC70004501	N/A	N/A	30RC70004501	30RC70004501	N/A	N/A
31	30RC70006001	30RC70006001	N/A	N/A	30RC70006101	30RC70006001	N/A	N/A
33	30RC70006001	N/A	N/A	30RC70006001	30RC70006101	N/A	N/A	30RC70006001
41	30RC70006001	30RC70006001	30RC70006001	N/A	30RC70006101	30RC70006001	30RC70006001	N/A
46	30RC70006001	30RC70006001	30RC70006001	N/A	30RC70006101	30RC70006001	30RC70006001	N/A
51	30RC70002401	30RC70002401	N/A	N/A	N/A	N/A	N/A	N/A
56	30RC70002401	30RC70002401	N/A	N/A	N/A	N/A	N/A	N/A
66	30RC70002401	30RC70002501	N/A	N/A	N/A	N/A	N/A	N/A
66 (230V)	30RC70002401	30MP70000101	N/A	N/A	N/A	N/A	N/A	N/A
80	30RC70002501	30RC70002501	N/A	N/A	N/A	N/A	N/A	N/A
80 (230V)	30MP70000101	30MP70000101	N/A	N/A	N/A	N/A	N/A	N/A

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

Table 3 — 38RCS Compressor Sound Blanket Accessory Part Numbers

38RCS	Compressor Sound Blanket Accessory Part Numbers (38RCS)					
	Fixed Speed Compressor			Digital Compressor Option		
	A1	A2	A3	A1	A2	A3
25	30RC70004501	30RC70004501	N/A	30RC70004501	30RC70004501	N/A
27	30RC70006001	30RC70006001	N/A	30RC70006101	30RC70006001	N/A
30	30RC70006001	30RC70006001	N/A	30RC70006101	30RC70006001	N/A
40	30RC70006001	30RC70006001	30RC70006001	30RC70006101	30RC70006001	30RC70006001
50	30RC70006001	30RC70006001	30RC70006001	30RC70006101	30RC70006001	30RC70006001
60	N/A	N/A	N/A	N/A	N/A	N/A

Table 4 — 38RCD Compressor Sound Blanket Accessory Part Numbers

38RCD	Fixed Speed Compressor				Digital Compressor Option			
	A1	A2	B1	B2	A1	A2	B1	B2
25	30RC70004501	N/A	30RC70004501	N/A	30RC70004501	N/A	30RC70004501	N/A
27	30RC70006001	N/A	30RC70006001	N/A	30RC70006101	N/A	30RC70006001	N/A
30	30RC70006001	N/A	30RC70006001	N/A	30RC70006101	N/A	30RC70006001	N/A
40	30RC70004501	30RC70004501	30RC70004401	30RC70004401	30RC70004501	30RC70004501	30RC70004401	30RC70004401
50	30RC70006001	30RC70006001	30RC70006001	30RC70006001	30RC70006101	30RC70006001	30RC70006001	30RC70006001
60	30RC70006001	30RC70006001	30RC70006001	30RC70006001	30RC70006101	30RC70006001	30RC70006001	30RC70006001

NOTE: Order one part number per compressor

PRE-INSTALLATION

Remove accessory packaging and inspect shipment for damage. File claim with shipping company if accessory is damaged or incomplete. Verify unit is level and adjust if necessary.

WARNING

To avoid the possibility of electrical shock, open all disconnects before installing or servicing this accessory.

INSTALLATION

The following are the procedures to install the low sound compressor blanket.

1. Open and tag all disconnect locations to alert others not to restore power until work is completed.
2. Remove access panel.
 - a. The 38RCS,RCD025-030, and 30RC010-030 units have one compressor access panel with one latch at the top of the panel. See Fig. 1.
 - b. The 38RCD040-060 and 30RC035-060 units have 2 compressor access panels with one latch at the top of each panel. See Fig. 2.
 - c. The 38RCS040,050 units have one compressor access panel with 2 latches at the top of the panel. See Fig. 3.
3. The access panel must be removed as follows:
 - a. If shipping screws are present, remove them from sides of the panel.
 - b. To remove access panel, apply 1/4 turn with flathead screwdriver to slotted latches until panel releases. See Fig. 1-3.
4. For 30MP units with sound enclosure panels, access the compressors by removing the left side enclosure panel (facing the front/control box end). See Fig. 4.

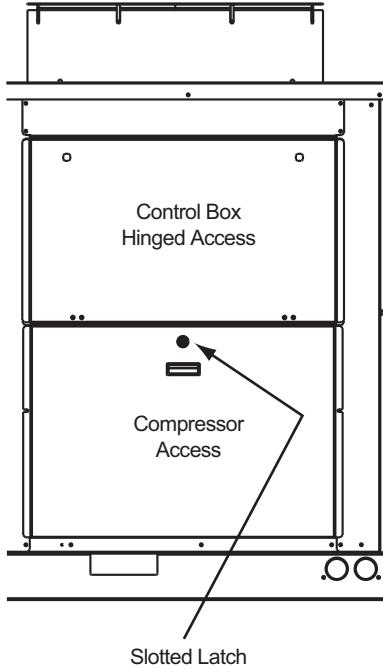


Fig. 1 — Compressor Access Panel with One Latch
— 38RCS,RCD025-030 and 30RC010-030

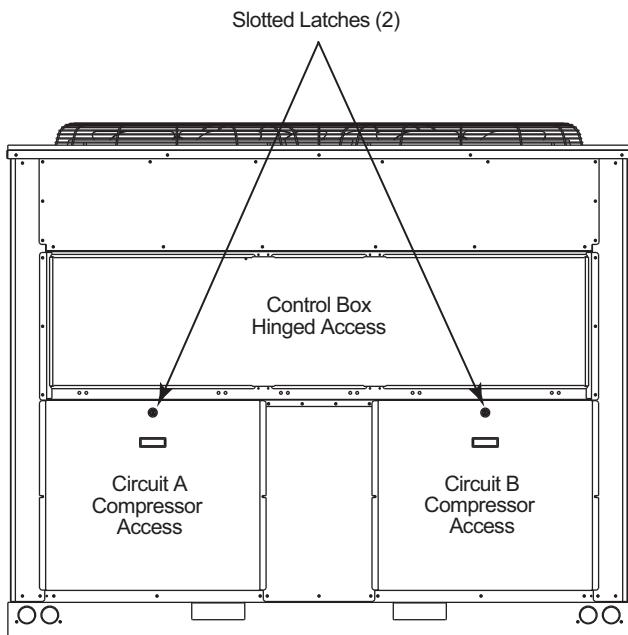


Fig. 2 — Two Compressor Access Panels Each with One Latch — 38RCD040-060 and 30RC035-060

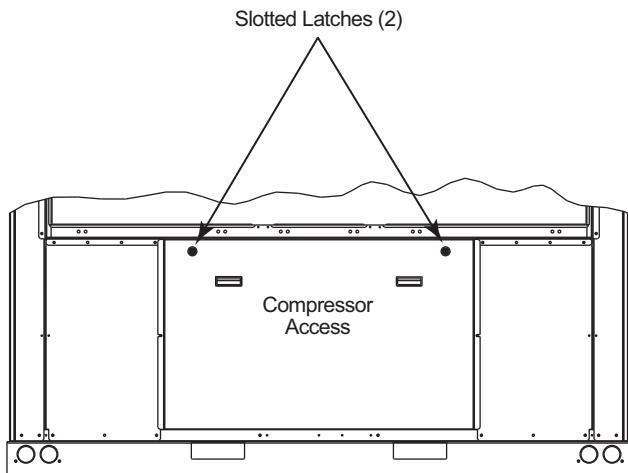


Fig. 3 — Compressor Access Panel with 2 Latches — 38RCS040,050

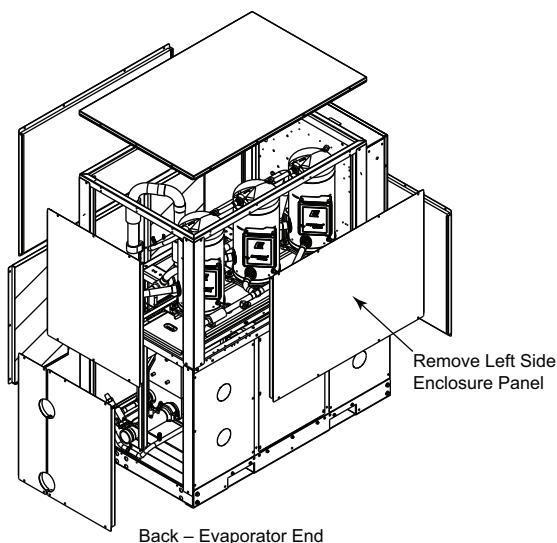


Fig. 4 — Left Side Enclosure Panel — 30MP017-080

5. Wrap the sound blanket around the compressor:
 - a. For 30RC010,015 units, wrap the sound blanket around the compressor in counterclockwise direction.
 - b. For all other units, wrap the sound blanket around the compressor in clockwise direction. See Fig. 5.
 - c. For 30MP041,046 units, install blanket on compressor A3 by loosening control box retaining bolts, then carefully shifting control box outward to allow enough space to access compressor A3. After securing the blanket (see Steps 6, 7, 8, and 9) return control box to original position (see Step 10).

IMPORTANT: Be sure to keep enough slack in the control wires when shifting the control box. It is recommended that more than one person move the control box. Properly support the control box when shifting it from its original position.

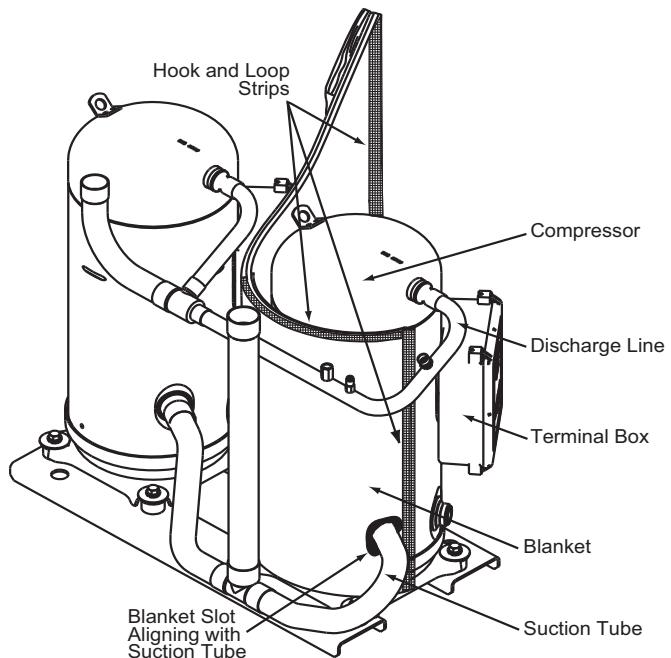


Fig. 5 — Align Blanket Slots with Suction Tube

6. Align the slots in the blanket with the suction tube on the compressor. See Fig. 5.
7. Secure the blanket near suction tube with the hook and loop strips. See Fig. 5.
8. Wrap the blanket around the compressor terminal box. See Fig. 6.

For 30MP017 units with compressor insulation, cut out the sound blanket around the compressor terminal box. The compressor power leads should be placed outside the sound blanket.

For 30MP051-080 units, the blanket will not cover the compressor terminal box. See Fig. 7.

9. Attach the hook and loop strip on the vertical seam to secure the blanket to the compressor. See Fig. 6.
10. For 30MP041,046 units, return control box to its original position and tighten the 4 control box retaining screws on each side of the unit.
11. Attach top flap of blanket with the hook and loop strip while aligning the discharge opening with the discharge line. See Fig. 6.
 - a. For units 38RCS025-050, 38RCD025-060, and 30RC020: All wires pass through top cover seam.

- b. For units 30MP017-046 and 30RC010,015: All wires pass under the blanket, except 30MP017 with compressor insulation as noted in Step 8.
- c. For units 30MP051-080: The wires pass outside the blanket, the terminal box is outside the blanket, and there is a cutout for the oil equalizer line. See Fig. 7 for 30MP051-080 units.

12. Repeat Steps 3 through 11 for installation of sound blanket to all compressors.
13. Replace the access panel by reversing the procedure in Step 3 or Step 4, if necessary.
14. Restore power.

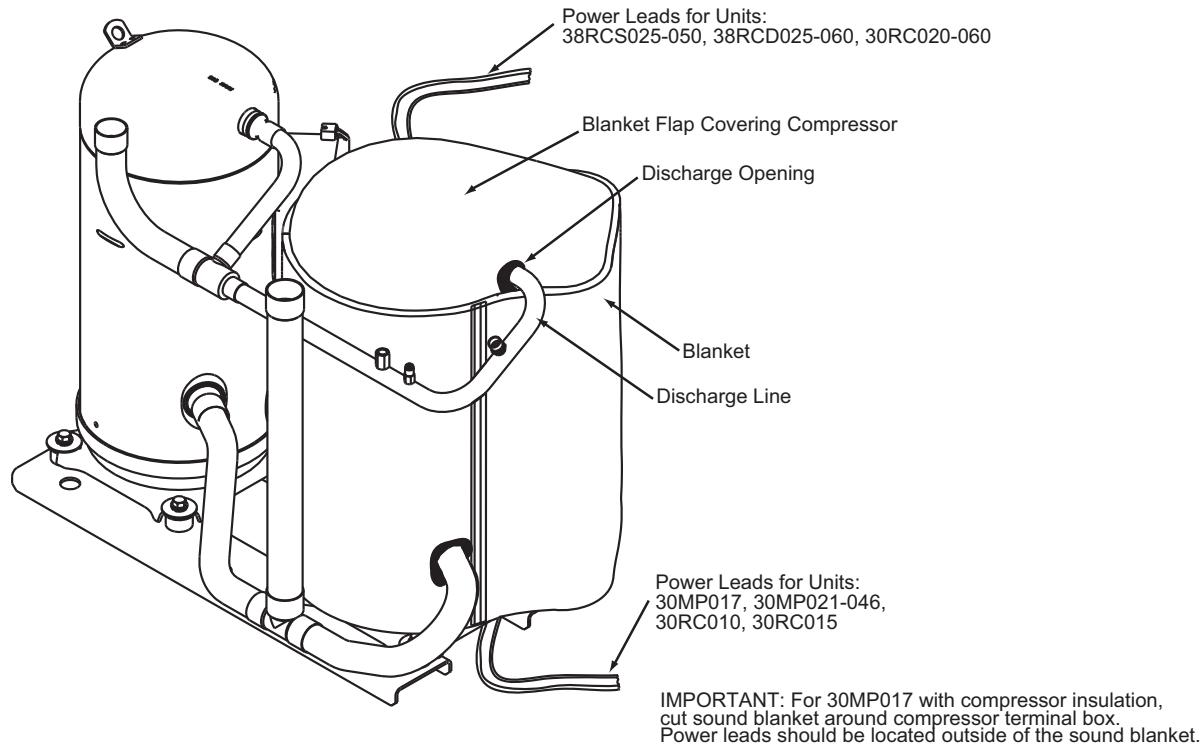


Fig. 6 — Wrap and Secure Sound Blanket and Top Flap Around Compressor and Terminal Box

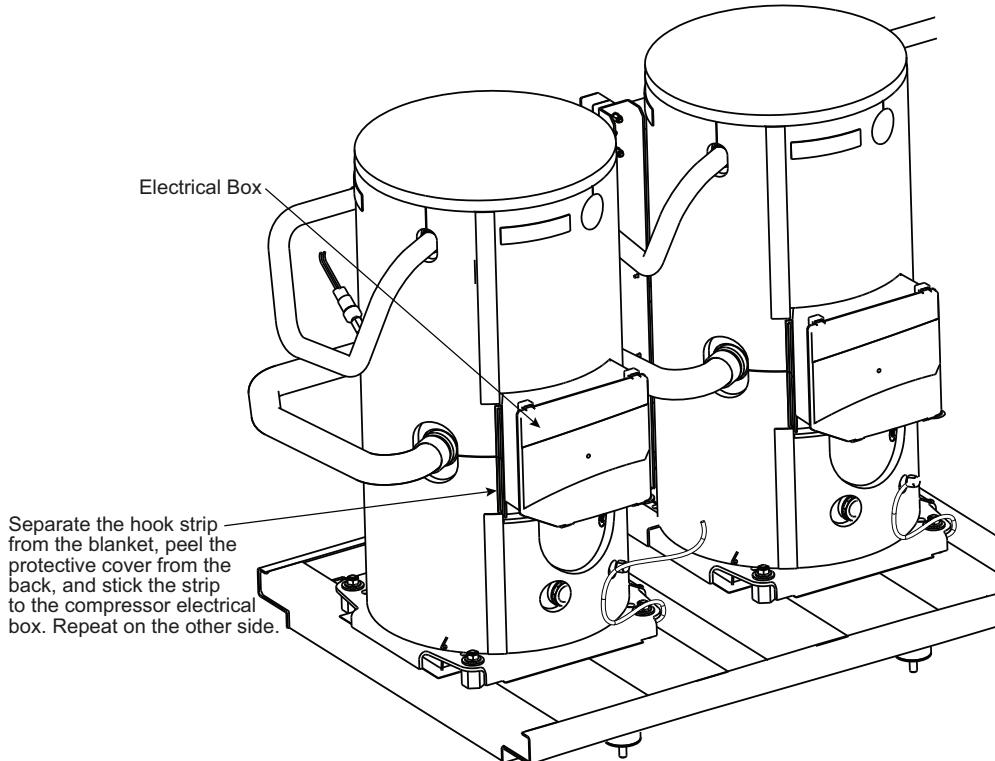


Fig. 7 — 30MP051-080 Compressor Sound Blanket