



Installation Instructions

Part No: 00EFN900004000A, 00EFN900004100A, 00EFN900004800A, 00EFN900004900A, 00EFN900005000A, and 00EFN900005100A

SAFETY CONSIDERATIONS

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 30XW150-400 units. Ensure the kit contains the correct number of pieces. See Accessory Package Contents table for kit quantity.

ACCESSORY PACKAGE CONTENTS

ACCESSORY PART NO.	30XW SIZE	DESCRIPTION	QUANTITY (PIECES) IN KIT
00EFN900004000A	325,375	Dual Circuit, Non-Economized	14
00EFN900004100A	350,400	Dual Circuit, Economized	28
00EFN900004800A	150,185	Single Circuit, Non-Economized	3
00EFN900004900A	175,200	Single Circuit, Economized	14
00EFN900005000A	250,275, 300	Single Circuit, Economized	12
00EFN900005100A	225,260, 285	Single Circuit, Non-Economized	8

INSTALLATION

The contents of this sound package are installed on all 30XW discharge lines and economizer lines (00EFN900004100A, 00EFN900004900A, and 00EFN900005000A only). The individual pieces of lagging material have metal hooks and wire twists, which provide the primary method to secure the pieces in place. Most pieces also have Velcro flaps to ensure the lagging pieces stay in place.

1. Disconnect unit power.
2. Note the metal tag riveted to each piece. The part number field on the first line has 2 numbers at the end separated by a "-". These last 2 numbers are used to identify the pieces. All discharge lagging pieces begin with "0-" and all economizer lagging pieces begin with "3-". See Fig. 1.

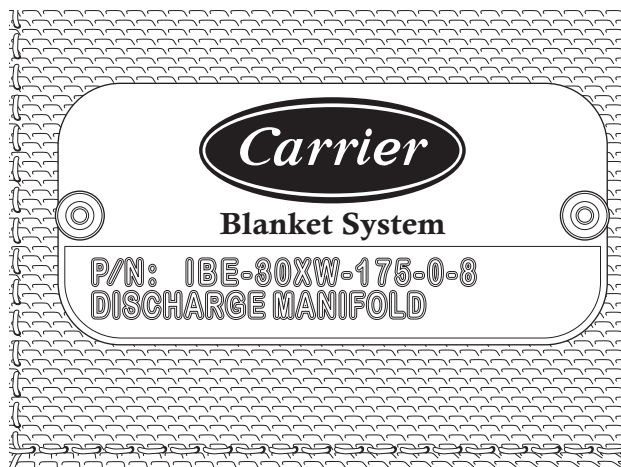


Fig. 1 — Lagging Tag — Example Piece "0-8"

- Each piece has one or more metal hooks with wire twist attached. There are also bare metal hooks and Velcro flaps. See Fig. 2 and Fig. 3.

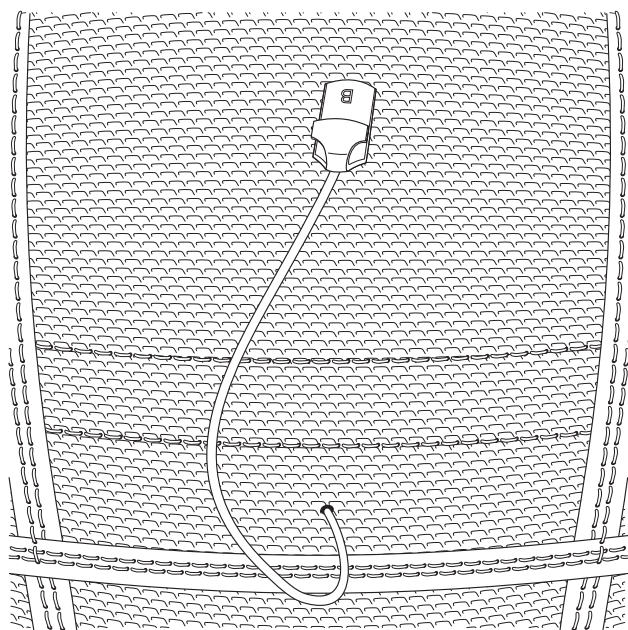


Fig. 2 —Metal Hook With Wire Twist

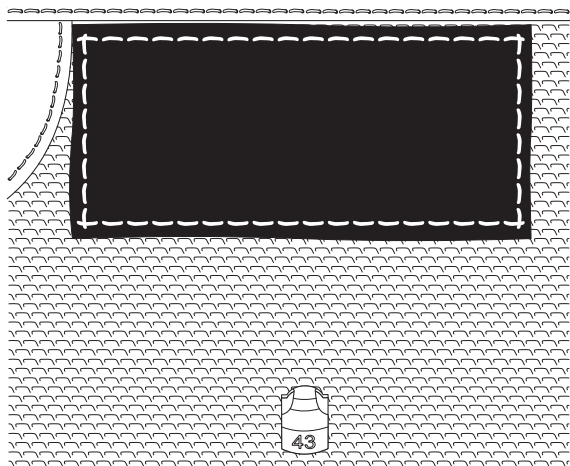
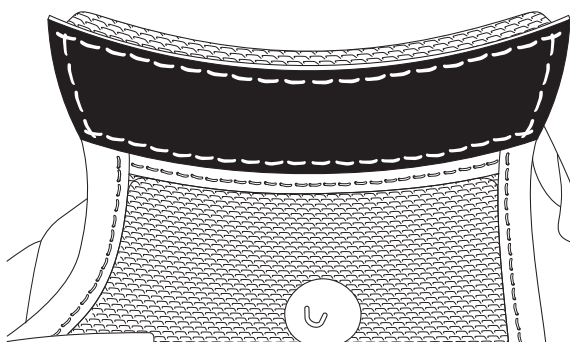


Fig. 3 — Bare Metal Hook and Velcro Flap

- Install discharge line pieces from each kit in increasing numerical order. Start with piece “0-1” first, then piece “0-2”, etc. Repeat with economizer line pieces for kits (4100A, 4900A, 5000A kits only). All metal tags either face to the outside of the chiller or face up. Wrap wire twists in “figure 8” pattern around hooks. See Fig. 4-11 for specific size chiller and orientation. See Fig. 12 for example of typical finished installation.

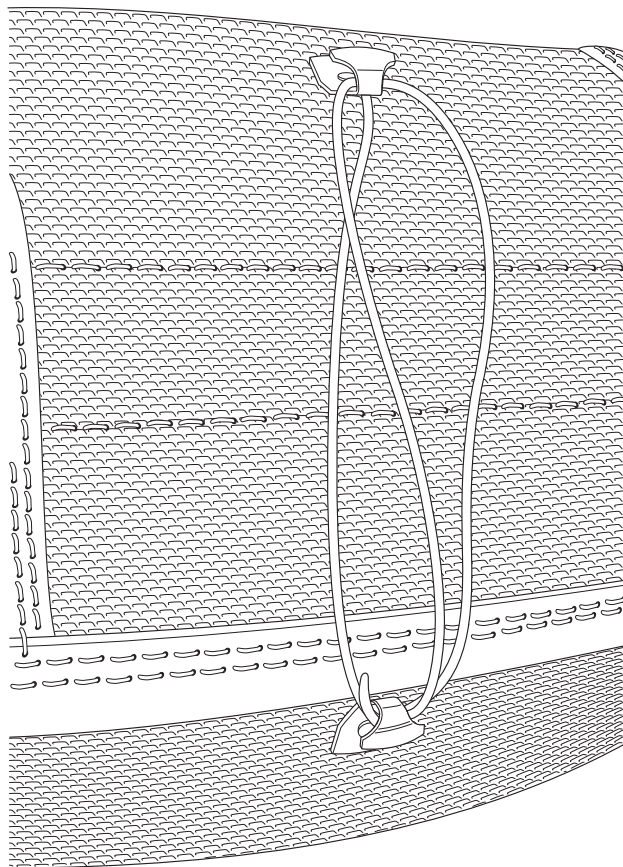
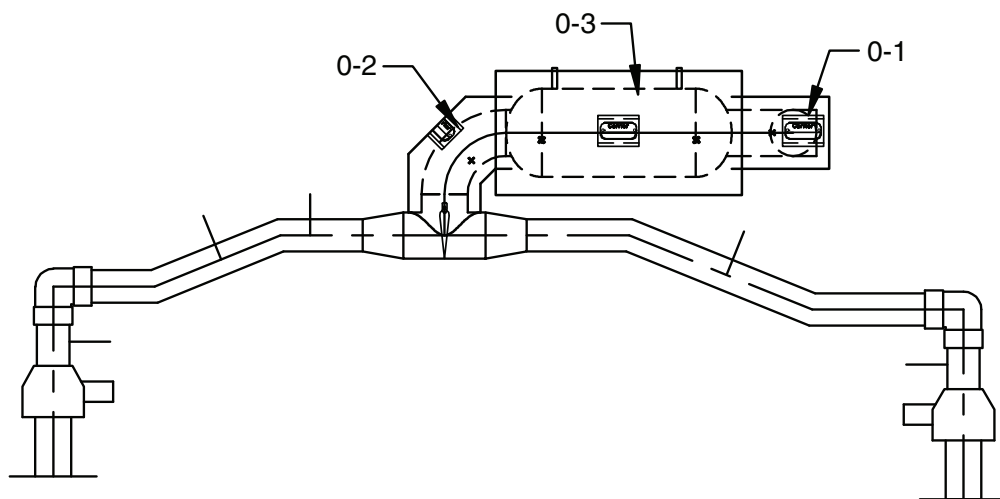


Fig. 4 — Align Blanket Slots with Suction Tube



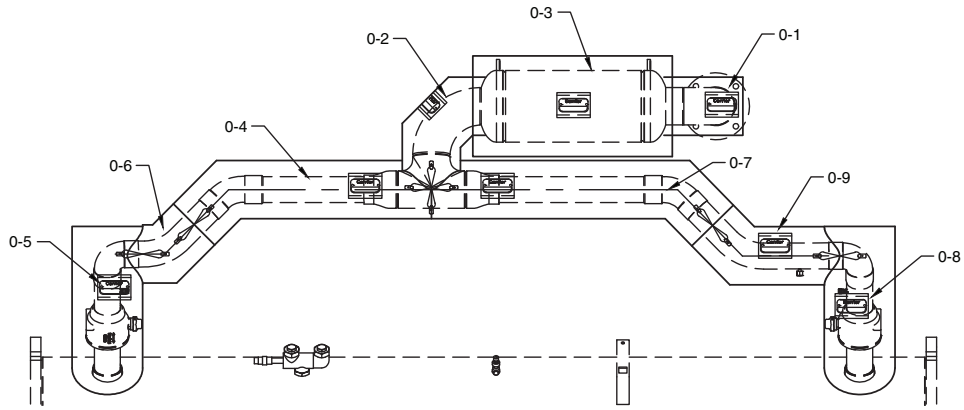
DISCHARGE MANIFOLD – ELEVATION VIEW

DISCHARGE MANIFOLD MATERIAL LIST	
DESCRIPTION	PIECE NO.
Discharge Manifold	0-1
Discharge Manifold	0-2
Discharge Manifold	0-3

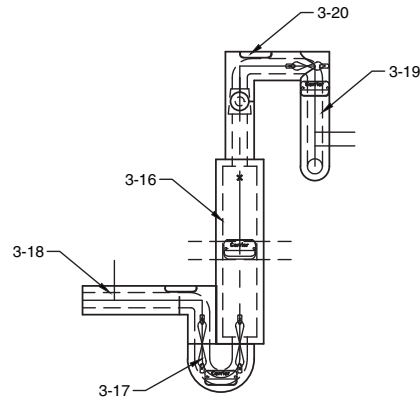
NOTES:

1. Install blankets in tag number sequence.
2. Position pieces with tags as shown.
3. Draw seams together using wire twists.
4. Close seams off by locking Velcro flap in place.
5. Lace wire twists in a figure eight pattern.

Fig. 5 — Discharge Line Pieces, 30XW150,185 (P/N 00EFN900004800A)



DISCHARGE MANIFOLD – ELEVATION VIEW



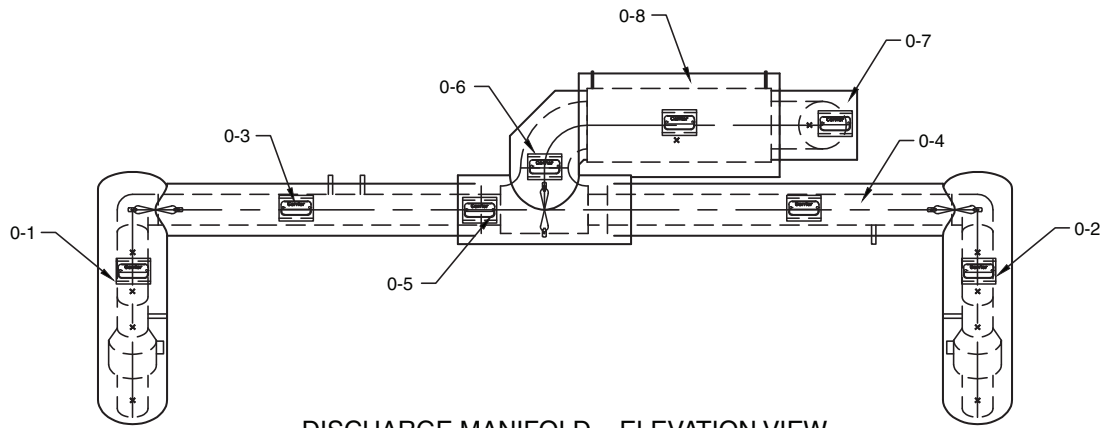
ECONOMIZER PIPING – ELEVATION VIEW

DISCHARGE MANIFOLD MATERIAL LIST		ECONIMIZER PIPING MATERIAL LIST	
DESCRIPTION	PIECE NO.	DESCRIPTION	PIECE NO.
Discharge Manifold	0-1	Economizer Piping	3-16
Discharge Manifold	0-2	Economizer Piping	3-17
Discharge Manifold	0-3	Economizer Piping	3-18
Discharge Manifold	0-4	Economizer Piping	3-19
Discharge Manifold	0-5	Economizer Piping	3-20
Discharge Manifold	0-6	—	—
Discharge Manifold	0-7	—	—
Discharge Manifold	0-8	—	—
Discharge Manifold	0-9	—	—

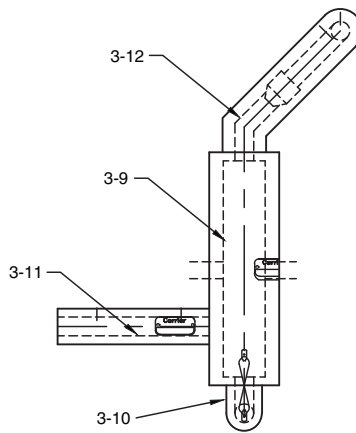
NOTES:

1. Install blankets in tag number sequence.
2. Position pieces with tags as shown.
3. Draw seams together using wire twists.
4. Close seams off by locking Velcro flap in place.
5. Lace wire twists in a figure eight pattern.

Fig. 6 — Discharge Line Pieces and Economizer Piping, 30XW175,200 (P/N 00EFN900004900A)



DISCHARGE MANIFOLD – ELEVATION VIEW



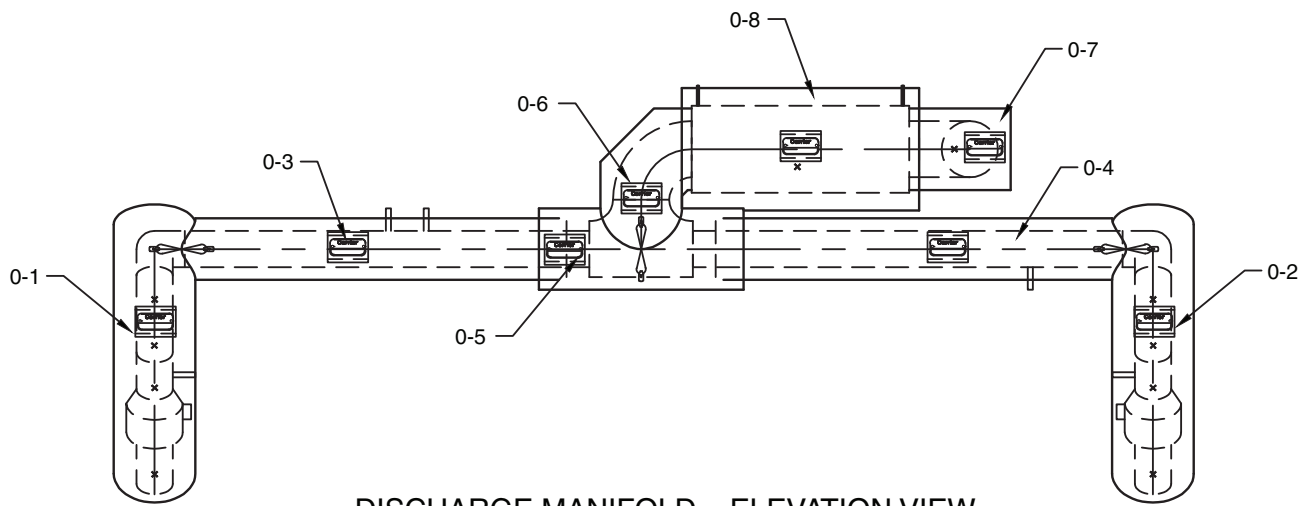
ECONOMIZER PIPING – ELEVATION VIEW

DISCHARGE MANIFOLD MATERIAL LIST		ECONIMIZER PIPING MATERIAL LIST	
DESCRIPTION	PIECE NO.	DESCRIPTION	PIECE NO.
Discharge Manifold	0-1	Economizer Piping	3-9
Discharge Manifold	0-2	Economizer Piping	3-10
Discharge Manifold	0-3	Economizer Piping	3-11
Discharge Manifold	0-4	Economizer Piping	3-12
Discharge Manifold	0-5	—	—
Discharge Manifold	0-6	—	—
Discharge Manifold	0-7	—	—
Discharge Manifold	0-8	—	—

NOTES:

1. Install blankets in tag number sequence.
2. Position pieces with tags as shown.
3. Draw seams together using wire twists.
4. Close seams off by locking Velcro flap in place.
5. Lace wire twists in a figure eight pattern.

Fig. 7 — Discharge Line Pieces and Economizer Piping, 30XW250,275,300 (P/N 00EFN900005000A)



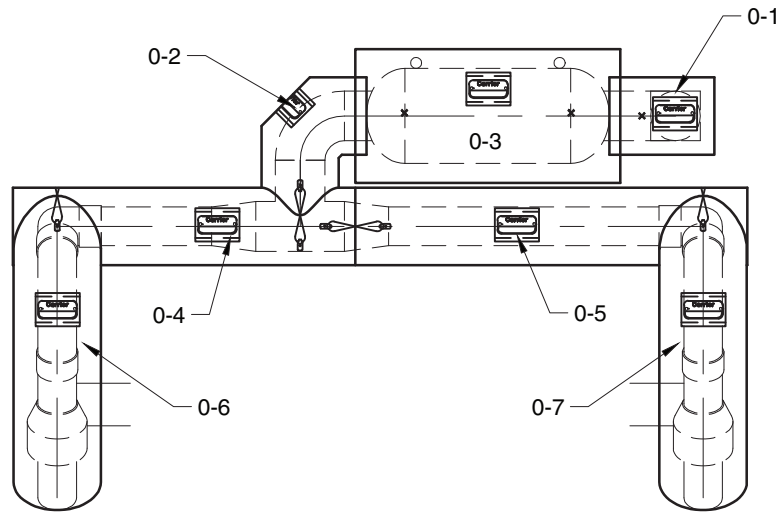
DISCHARGE MANIFOLD – ELEVATION VIEW

DISCHARGE MANIFOLD MATERIAL LIST	
DESCRIPTION	PIECE NO.
Discharge Manifold	0-1
Discharge Manifold	0-2
Discharge Manifold	0-3
Discharge Manifold	0-4
Discharge Manifold	0-5
Discharge Manifold	0-6
Discharge Manifold	0-7
Discharge Manifold	0-8

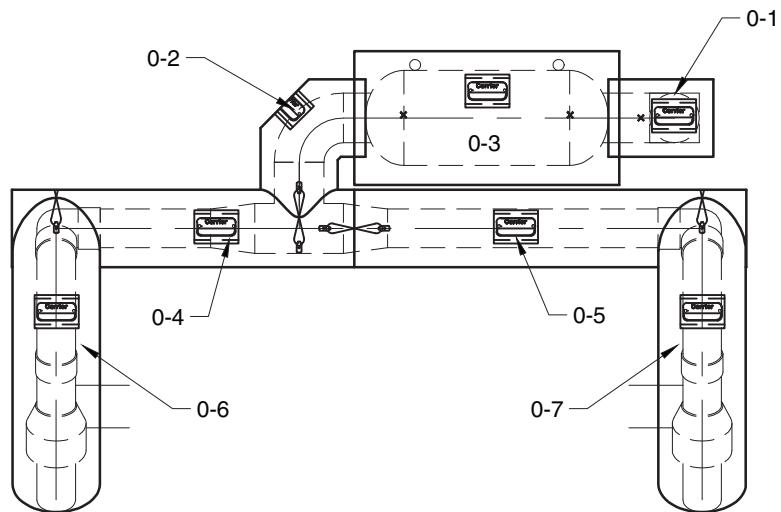
NOTES:

1. Install blankets in tag number sequence.
2. Position pieces with tags as shown.
3. Draw seams together using wire twists.
4. Close seams off by locking Velcro flap in place.
5. Lace wire twists in a figure eight pattern.

Fig.8 — Discharge Line Pieces, 30XW225,260,285 (P/N 00EFN900005100A)



CIRCUIT A DISCHARGE MAINFOLD — ELEVATION VIEW



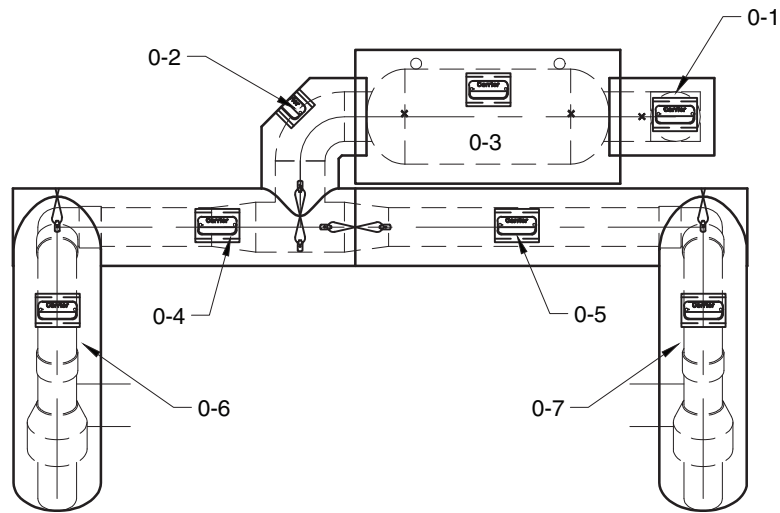
CIRCUIT B DISCHARGE MAINFOLD — ELEVATION VIEW

CIRCUIT A - MATERIAL LIST		CIRCUIT B - MATERIAL LIST	
DESCRIPTION	PIECE NO.	DESCRIPTION	PIECE NO.
A1 - Discharge Manifold	0-1	B1 - Discharge Manifold	0-1
A1 - Discharge Manifold	0-2	B1 - Discharge Manifold	0-2
A1 - Discharge Manifold	0-3	B1 - Discharge Manifold	0-3
A1 - Discharge Manifold	0-4	B1 - Discharge Manifold	0-4
A1 - Discharge Manifold	0-5	B1 - Discharge Manifold	0-5
A1 - Discharge Manifold	0-6	B1 - Discharge Manifold	0-6
A1 - Discharge Manifold	0-7	B1 - Discharge Manifold	0-7

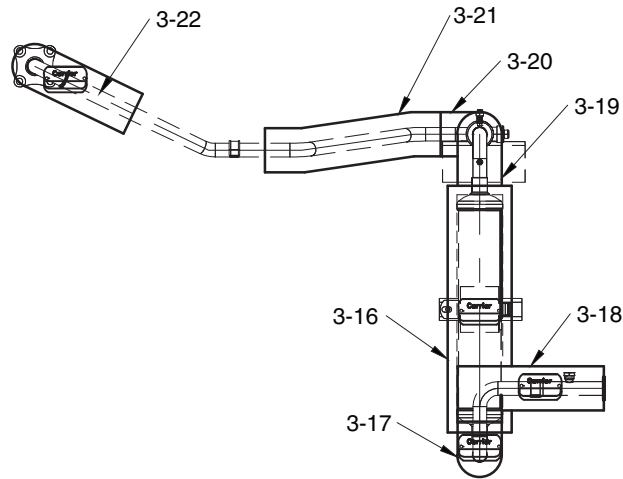
NOTES:

1. Install blankets in tag number sequence.
2. Position pieces with tags as shown.
3. Draw seams together using wire twists.
4. Close seams off by locking Velcro flap in place.
5. Lace wire twists in a figure eight pattern.

Fig. 9 — Circuit A and Circuit B Discharge Line Pieces, 30XW325,375 (P/N 00EFN900004000A)



**CIRCUIT A DISCHARGE MANIFOLD –
ELEVATION VIEW**



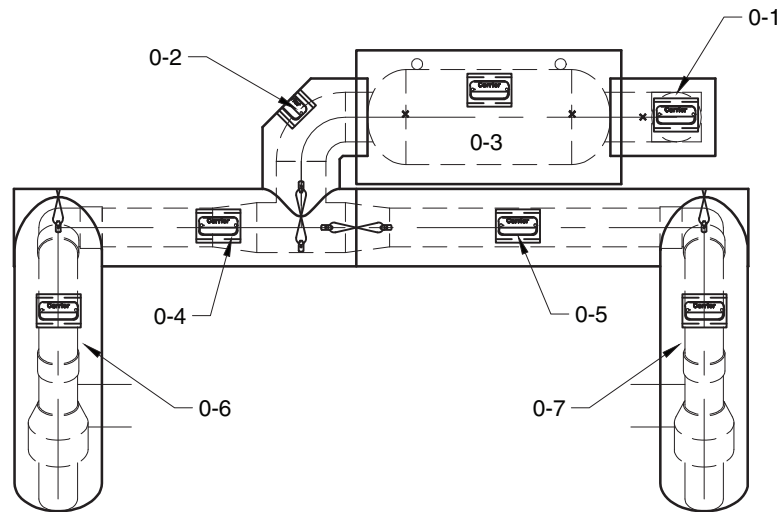
**CIRCUIT A ECONOMIZER PIPING –
ELEVATION VIEW**

CIRCUIT A - MATERIAL LIST			
DESCRIPTION	PIECE NO.	DESCRIPTION	PIECE NO.
A1 - Discharge Manifold	0-1	A1 - Economizer Line	3-16
A1 - Discharge Manifold	0-2	A1 - Economizer Line	3-17
A1 - Discharge Manifold	0-3	A1 - Economizer Line	3-18
A1 - Discharge Manifold	0-4	A1 - Economizer Line	3-19
A1 - Discharge Manifold	0-5	A1 - Economizer Line	3-20
A1 - Discharge Manifold	0-6	A1 - Economizer Line	3-21
A1 - Discharge Manifold	0-7	A1 - Economizer Line	3-22

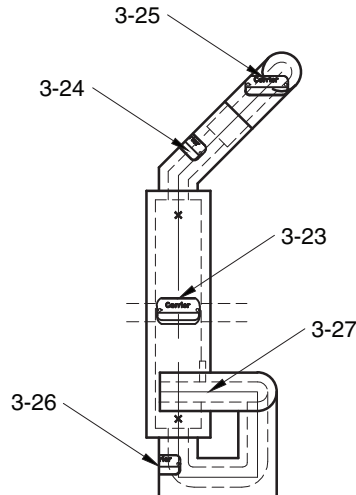
NOTES:

1. Install blankets in tag number sequence.
2. Position pieces with tags as shown.
3. Draw seams together using wire twists.
4. Close seams off by locking Velcro flap in place.
5. Lace wire twists in a figure eight pattern.

Fig. 10 — Circuit A, Discharge Line Pieces and Economizer Piping, 30XW350,400 (P/N 00EFN900004100A)



**CIRCUIT B DISCHARGE MANIFOLD –
ELEVATION VIEW**



**CIRCUIT B ECONOMIZER PIPING –
ELEVATION VIEW**

CIRCUIT B - MATERIAL LIST			
DESCRIPTION	PIECE NO.	DESCRIPTION	PIECE NO.
B1 - Discharge Manifold	0-1	B1 - Economizer Line	3-23
B1 - Discharge Manifold	0-2	B1 - Economizer Line	3-24
B1 - Discharge Manifold	0-3	B1 - Economizer Line	3-25
B1 - Discharge Manifold	0-4	B1 - Economizer Line	3-26
B1 - Discharge Manifold	0-5	B1 - Economizer Line	3-27
B1 - Discharge Manifold	0-6	—	—
B1 - Discharge Manifold	0-7	—	—

NOTES:

1. Install blankets in tag number sequence.
2. Position pieces with tags as shown.
3. Draw seams together using wire twists.
4. Close seams off by locking Velcro flap in place.
5. Lace wire twists in a figure eight pattern.

Fig. 11 — Circuit B, Discharge Line Pieces and Economizer Piping, 30XW350,400 (P/N 00EFN900004100A)

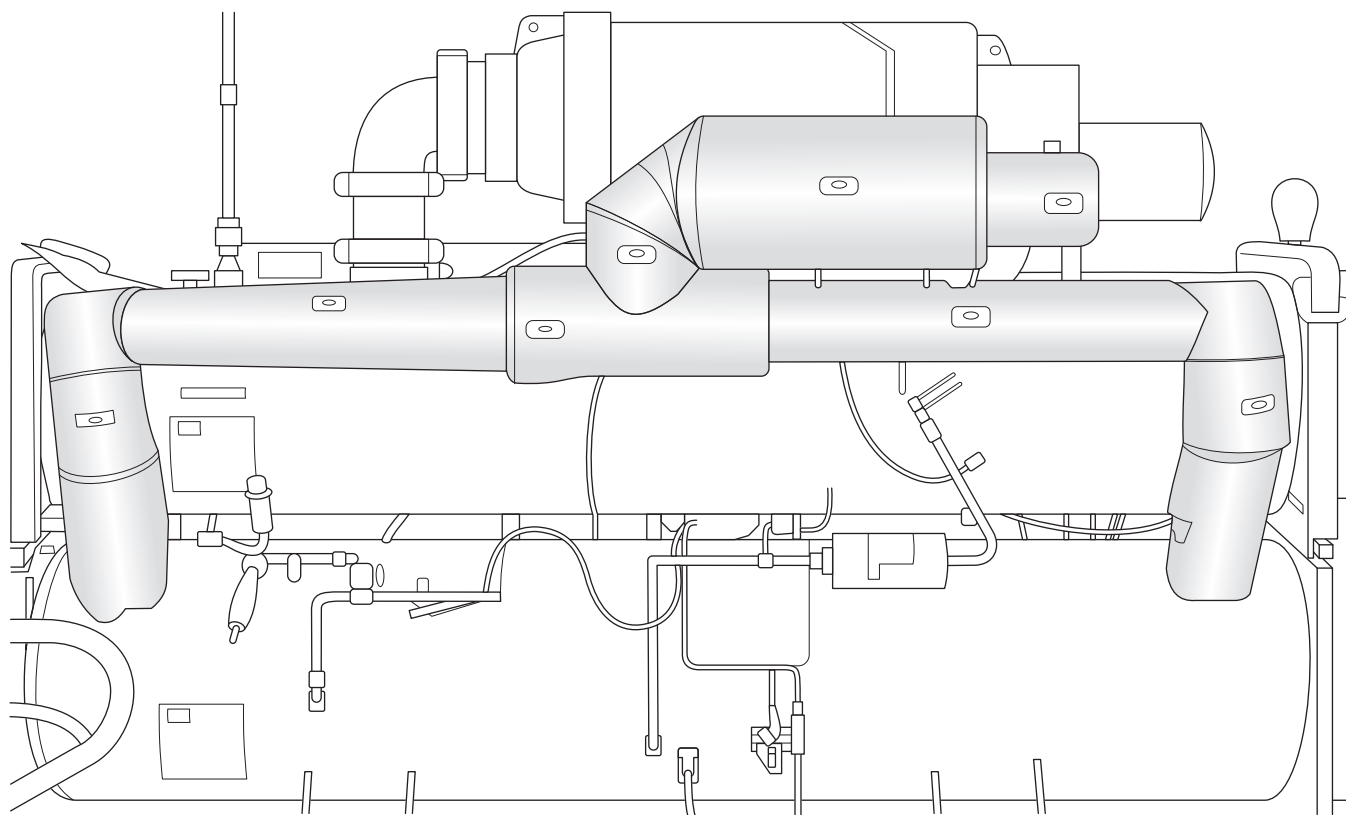


Fig. 12 — Discharge Lagging Pieces Installed on 30XW300

