

Installation Instructions

Conversion From Cased N-coil To Uncased N-coil Application

NOTE: Read the entire instruction manual before starting the installation.

SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock or other conditions which may cause personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with the kits or accessories when installing.

Follow all safety codes. Wear safety glasses and work gloves. Use quenching cloth for brazing operations. Have fire extinguisher available. Read these instructions thoroughly and follow all warning or cautions attached to the unit. Consult local building codes and National Electrical Code (NEC) for special requirements.

It is important to recognize safety information. This is the safety-alert symbol \triangle . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies hazards which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **would** result in minor personal injury or product and property damage.

\triangle WARNING: Before installing or servicing system, always turn off main power to system. There may be more than 1 disconnect switch. Turn off accessory heater power if applicable. Electrical shock can cause personal injury or death.

INTRODUCTION

Use this instruction manual to convert Cased N-coil product to Uncased N-coil application using field-fabricated parts. Application and size specifications for field-fabricated parts are provided in illustrations, and coil size tables in this instruction manual

PROCEDURE 1—CONVERSION FROM CASED N-COIL TO UNCASED N-COIL APPLICATION

1. Remove access cover and fitting door from casing.
2. Pull coil out of casing and remove front and rear supports from bottom left side of coil. (See Fig. 1.)
3. Field fabricate coil enclosure per coil size. (See Fig. 2 and 3.)
4. Fasten enclosure to right side of coil with 4 No. 10 screws.
5. If plenum size is matched to furnace opening, cut off 5/8-in. from front and rear condensate extensions. This will allow for better fit for tight duct installations. (See Fig. 4.)
6. Field fabricate coil support per coil size indicated in Fig. 5.
7. Conversion from cased to uncased is now complete. Refer to Installation Instructions covering uncased installation.

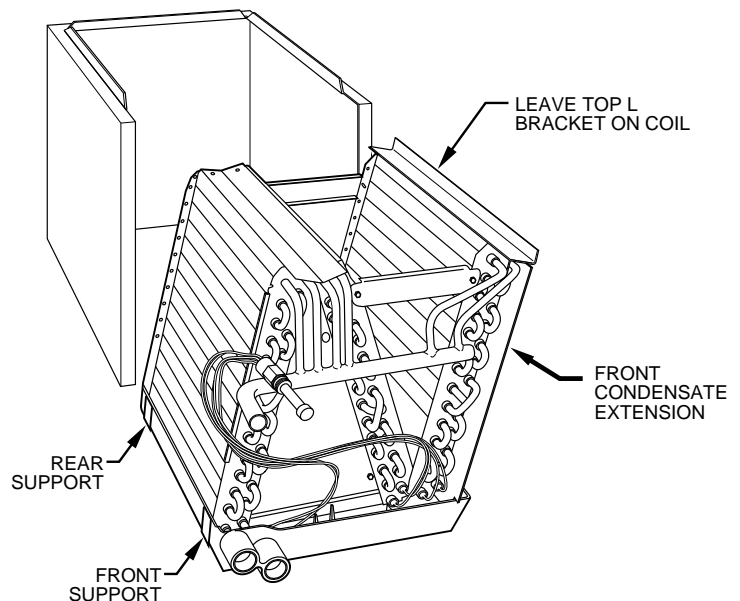
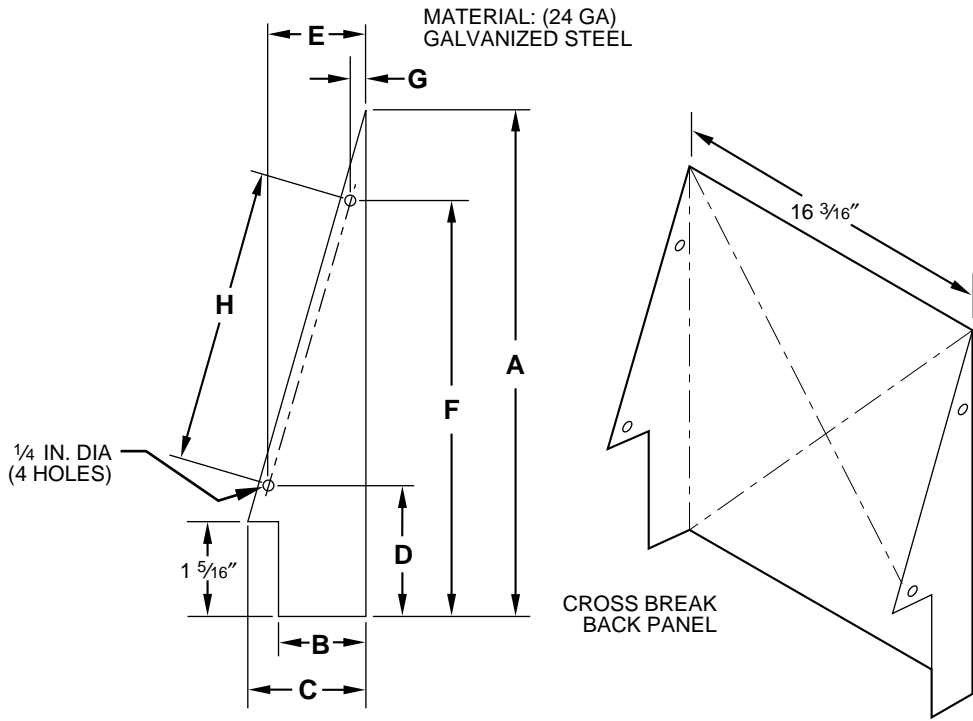


Fig. 1—Remove Left Bottom Front and Rear Supports

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PART NO.	A	B	C	D	E	F	G	H
CK5AXA018000AAAA	8-1/16	1-7/8	2-7/16	2-9/16	2	6-1/4	1/2	4
CK5AXA014000AAAA	10-1/4	1-7/8	2-7/16	2-5/8	2	8-3/8	5/16	6
CK5AXA030000AAAA	12-3/16	1-7/8	2-7/16	2-5/8	2-1/16	10-7/16	1/4	8
CK5AXM036000AAAA	14-9/16	1-7/8	2-7/16	2-13/16	2-1/16	11-5/8	3/8	9
CK5AXW024000AAAA	10-1/16	2-7/16	3-7/16	2-9/16	2-15/16	8-1/8	9/16	6
CK5AXW030000AAAA	12	2-7/16	3-7/16	2-5/8	3	10-3/16	7/16	8
CK5AXA036000AAAA	14-1/16	2-7/16	3-7/16	2-11/16	3	12-1/4	5/16	10
CK5AXN042000AAAA	14-1/16	2-7/16	3-7/16	2-11/16	3	12-1/4	5/16	10
CK5AXN048000AAAA	16-1/16	2-7/16	3-7/16	2-11/16	3-1/16	14-3/8	1/4	12
CK5AXA042000AAAA	13-5/8	4-1/16	4-5/8	2-3/8	4-1/4	11-7/8	1/2	10
CK5AXW036000AAAA	13-5/8	4-1/16	4-5/8	2-3/8	4-1/4	11-7/8	1/2	10
CK5ANA048000AAAA	15-15/16	4-1/16	4-5/8	2-5/8	4-1/4	14	7/16	12
CK5AXN060000AAAA	24	4-1/16	4-13/16	2-13/16	4-7/16	22-5/16	1/4	20
CK5AXW048000AAAA	15-7/16	4-15/16	5-5/8	2-9/16	5-3/16	13-5/8	1/2	12
CK5AXX060000AAAA	23-5/8	4-15/16	5-5/8	2-5/8	5-5/16	22	1/4	20
CK5AXA060000AAAA	19-11/16	4-15/16	5-13/16	2-11/16	5-3/8	17-7/8	3/8	16

Fig. 2—Coil Enclosure Dimensions

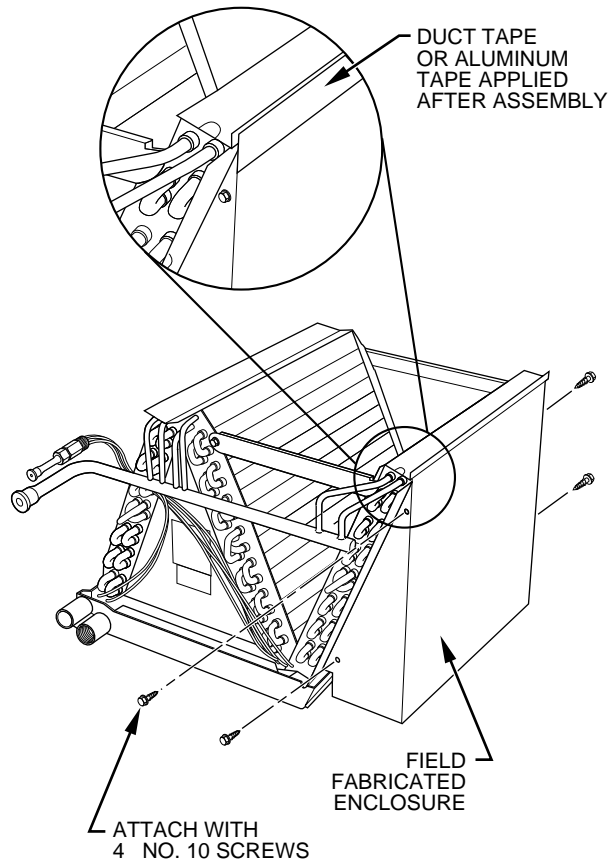


Fig. 3—Position of Fabricated Enclosure on Coil

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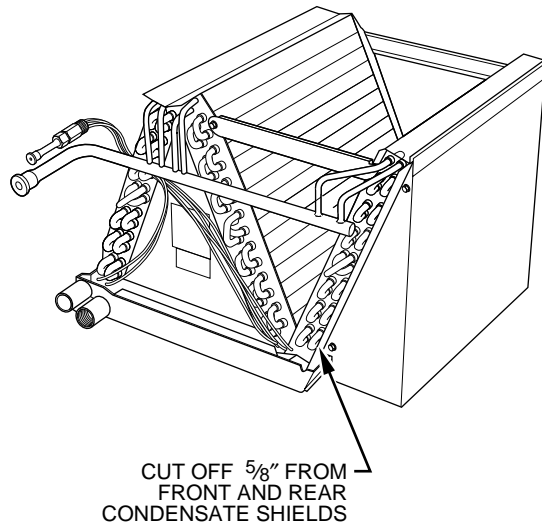
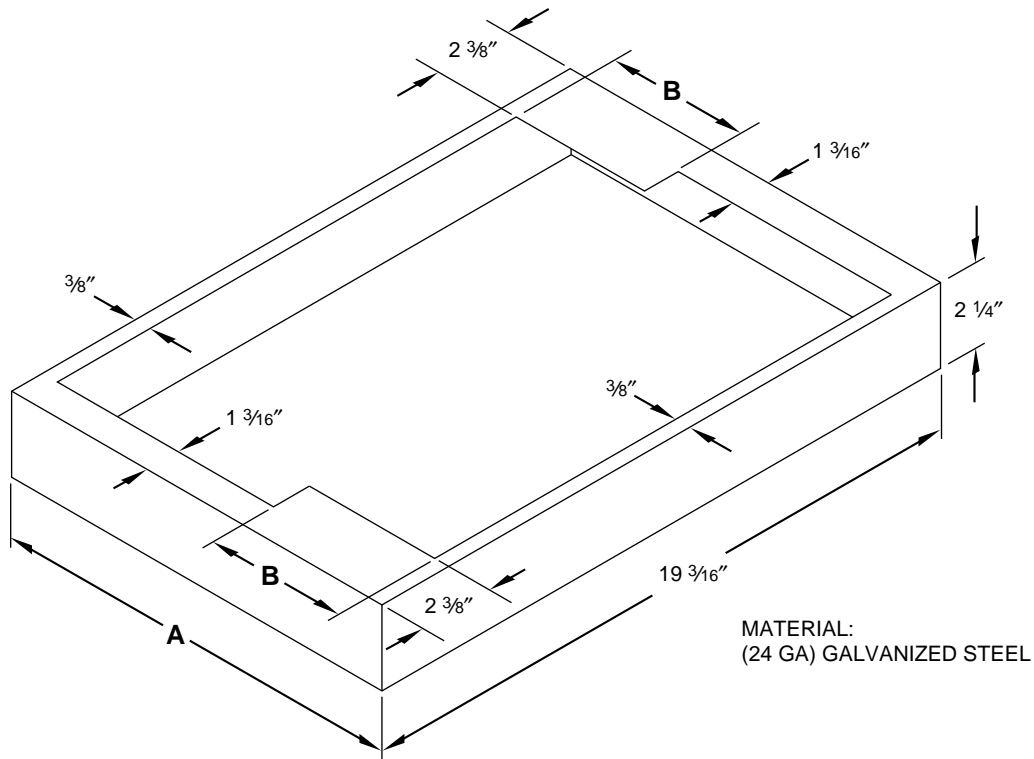


Fig. 4—Cut $\frac{5}{8}$ In. From Front and Rear Condensate Shields If Coil Width Matches Furnace

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COIL MODEL NO.	A	B
CK5AXA018, 024, 030, N036	12-3/4	3
CK5AXW024, W030, A036, N042, N048	16-1/16	3-3/4
CK5AXW036, A042, A048, N060	19-1/2	5-1/2
CK5AXW048, A060, X060	23-1/16	6

Fig. 5—Fabricate Coil Support To Match Coil Model