

INSTALLATION INSTRUCTIONS

TW-SLEEVE

FOR THROUGH-WALL CONDENSER UNITS



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Note: These instructions apply to the Wall Sleeve used with the Ecologix Through-the-Wall Condenser Units (model numbers TW12 and TW18)

Please read these instructions completely before attempting installation

SLEEVE ASSEMBLY

Before beginning assembly, ensure you have all seven sheet metal panels and 25 sheet metal screws (17 pcs. #8-1/2in. and 8 pcs #8-1in.).

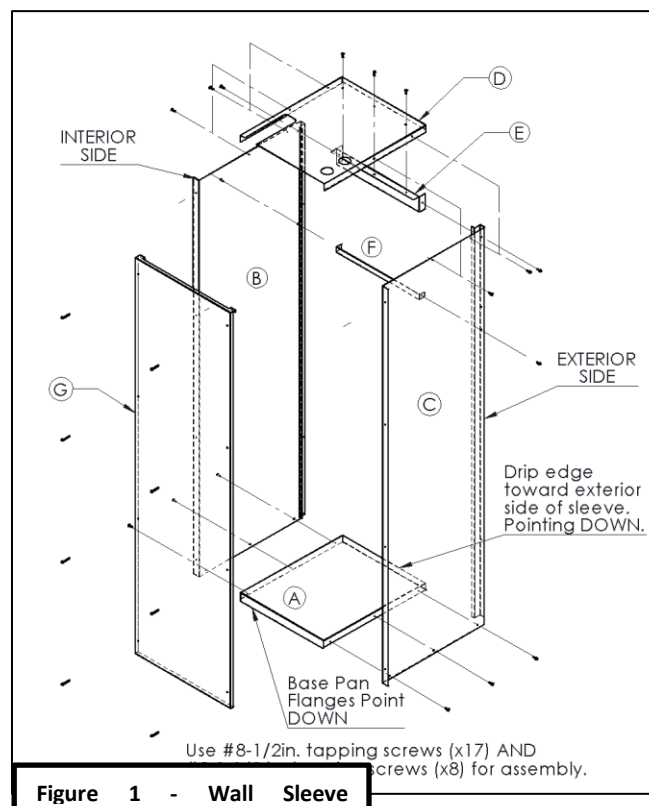
Note: In these instructions, the INTERIOR SIDE is referred to as the FRONT and the EXTERIOR SIDE is referred to as the BACK.

Follow these steps, referring to Figure 1:

- 1) Fasten Left Side Panel (B) to the Base Pan (A) (3 screws). Note that single break flange is at the FRONT and faces AWAY from Base Pan. Also note that the flanges and drip edge on the Base

Pan (A) point **DOWN** in order to provide a flat surface to slide the condenser into the sleeve.

- 2) Fasten Right Side Panel (C) to Base Pan (A) (3 screws).
- 3) Fasten Top Panel (D) to Side Panels (B) and (C) (4 screws).
- 4) Fasten the Top Angle piece (E) to the Top Panel (D) and the two Side Panels (B) and (C) (5 screws).
- 5) Fasten the Divider Panel (F) to the Side Panels (B) and (C) at the BACK side (2 screws).
- 6) Fasten insulated Front Cover (G) to Side Panels (B) and (C) at FRONT side (8 screws, #8-1 in.).





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SLEEVE INSTALLATION

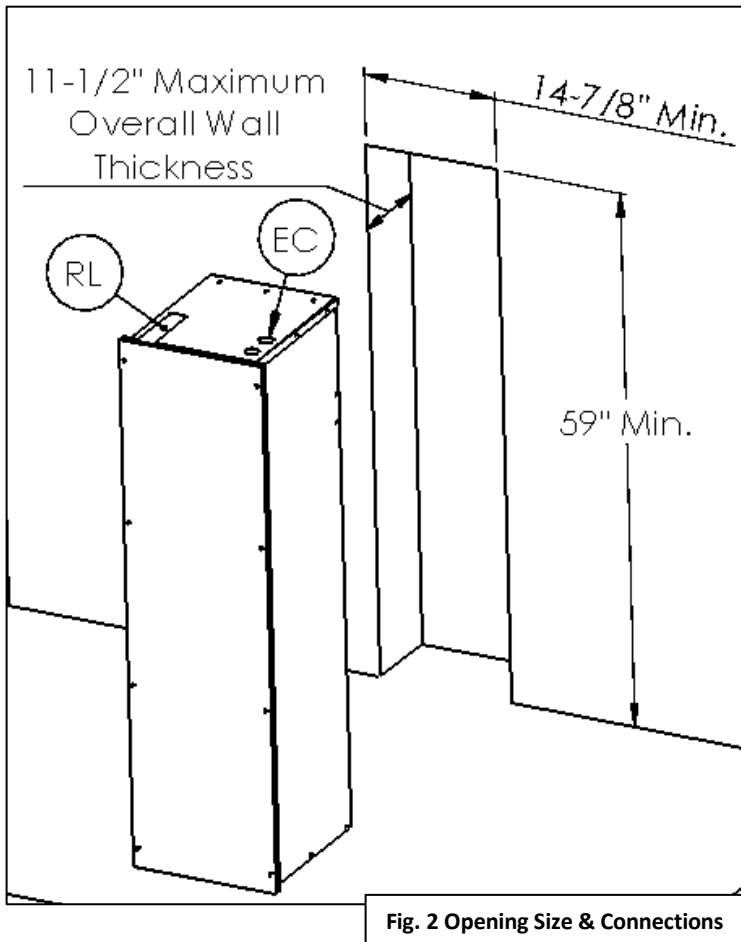
Locating Opening

Wall sleeve should be installed in location free from obstructions on outside wall (such as pillars or walls) which could cause short circuiting of inlet and outlet condenser air. If this cannot be avoided, a baffle (field fabricated) must be installed to prevent recirculation.

A minimum clearance of 18" should be maintained from the front of the installed sleeve to allow installation of the condensing unit chassis.

Provide an Opening

Provide wall opening using good construction practices. Consider using a lintel to support wall above opening. See Figure 2 for minimum opening dimensions.



Install Sleeve in Wall

Insert assembled sleeve into opening and adjust as needed to ensure:

- Sleeve is level from side to side and side panels are plumb. Note: Base Pan is intentionally sloped toward the exterior side for drainage.
- Sleeve remains square and does not bow.
- BACK edge is flush with surface of FINISHED outside wall and Drip Edge extends beyond surface of FINISHED outside wall (see figure 3).

Secure Sleeve to Opening

Once properly positioned, secure sleeve and screw SIDES and TOP to building framing using #10 truss head screws (field provided). DO NOT screw through the Base Pan (bottom).

Weatherproofing

Seal any openings between wall and sleeve for weather tight installation.

Electrical & Refrigeration Connections

Refer to Figure 2 for location of electrical (EC) and refrigerant (RL) connections on condenser unit through wall sleeve.

