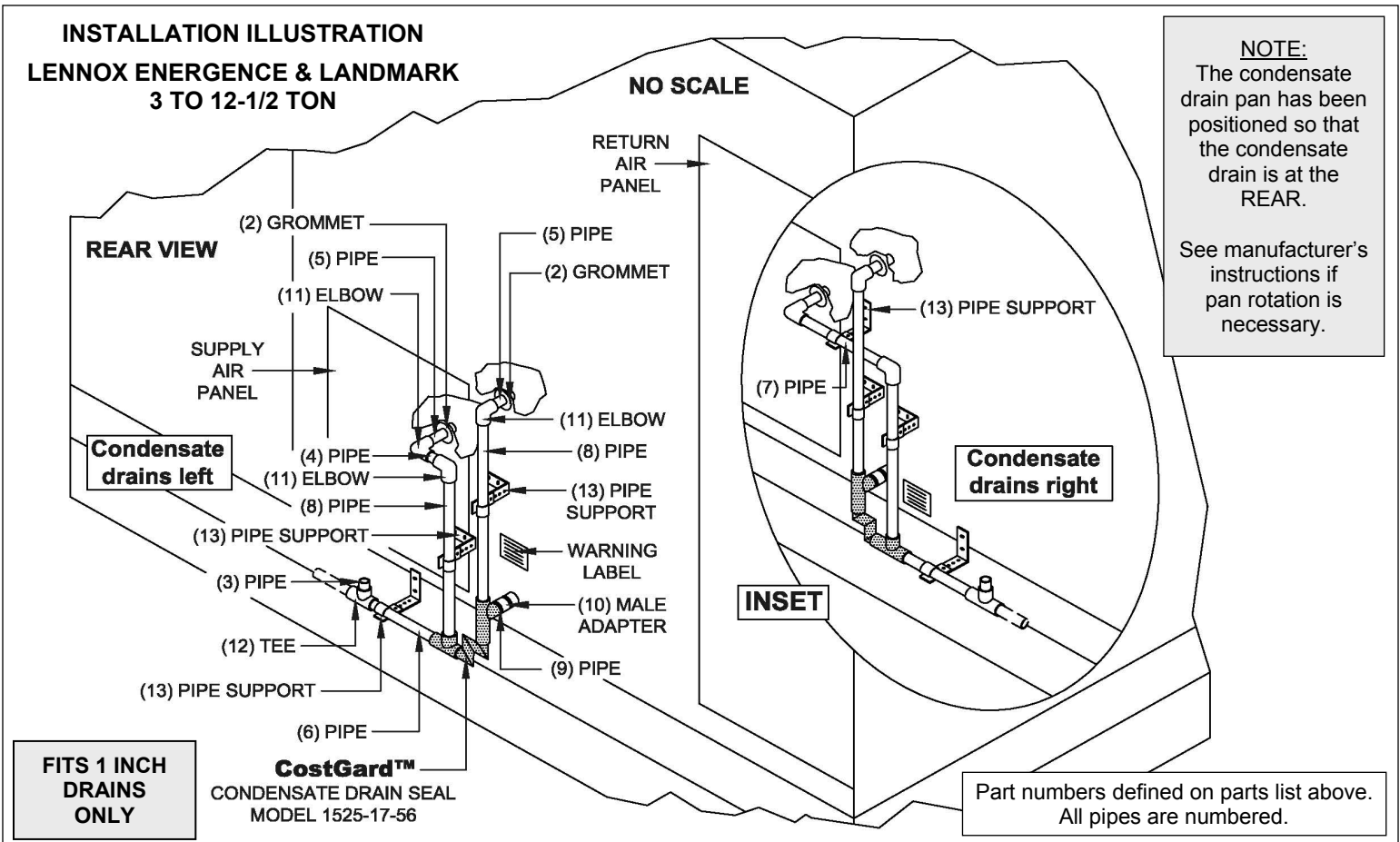


PARTS LIST

**NO TRAP
REQUIRED**

CostGard™ Condensate Drain Seal – MODEL LEAB-036-150-17
LENNOX ENERGENCE & LANDMARK 036-150-3 TO 12-1/2 TON

Identification Symbol	Part #	Quantity	Part Name and/or Size	
<p>CostGard™ Condensate Drain Seal</p> <p>Warning Label</p> <p>Properly assembled when the internally sloped end of part (C) is inserted into the long end of part (A).</p> <p>Part B— Rotate until proper position is found.</p>	1	1	CostGard™ Condensate Drain Seal Model: 1525-17-56 - Parts A, B, C Installation Instructions and Warning Label	
	<p>Important Notice: After installation of the CostGard™ Condensate Drain Seal is complete, the enclosed Yellow Warning Label must be attached to the HVAC unit as instructed on the back of each label.</p>			
	GROMMETS	2	2	GROMMET – FOR 3/4 INCH PIPE - PN. 2277
	SCHEDULE 40 UV STABILIZED PVC PIPE	3	1	3/4 INCH PIPE—1.5 INCHES LONG
		*4	1	3/4 INCH PIPE—2.5 INCHES LONG
		5	2	3/4 INCH PIPE—3.75 INCHES LONG
		6	1	3/4 INCH PIPE—5.5 INCHES LONG
		**7	1	3/4 INCH PIPE—9.25 INCHES LONG
		8	2	3/4 INCH PIPE—17.25 INCHES LONG
		9	1	1 INCH PIPE—1.5 INCHES LONG
	<p>*NOTE: Pipe #4 is used where condensate drains LEFT. **NOTE: Pipe #7 is used where condensate drains RIGHT.</p>			
		SCHEDULE 40 UV STABILIZED PVC MALE ADAPTER (MIPT X SLIP)	10	1
	SCHEDULE 40 UV STABILIZED PVC 90° ELBOW (SLIP X SLIP)	11	3	3/4 INCH ELBOW
	SCHEDULE 40 UV STABILIZED PVC SLIP TEE (SLIP X SLIP X SLIP)	12	1	3/4" X 3/4" X 3/4" SLIP TEE
	PIPE SUPPORT (requires screws listed below)	13	4	3/4 INCH CLAMP & #108 PIPE SUPPORT
	SELF TAPPING SCREWS	14	12	#10-16 X 3/4" SELF TAPPING SCREWS WITH NEOPRENE WASHERS
<p>Screws—Bag 5 in Bag 4</p>				



INSTRUCTIONS

CostGard™ Condensate Drain Seal – MODEL LEAB-036-150-17
 LENNOX ENERGENCE & Landmark 036-150-3 to 12-1/2 TON

**NO TRAP
 REQUIRED**

This kit contains all the components necessary for installing the CostGard™ Condensate Drain Seal on the Lennox Energence and Landmark Models 036-150 with 1" drains. A parts list is located on the backside of this page.

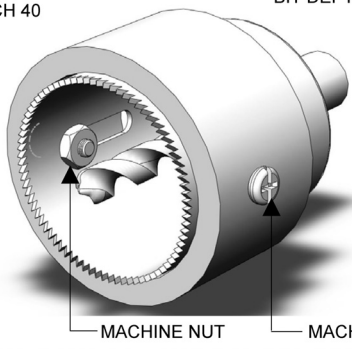
INSTALLATION

- Step 1:** Open packages to check for missing or damaged parts. In case of discrepancies, notify Trent Technologies immediately.
- Step 2:** Check condensate drain pan connection location. Lennox Energence & Landmark 036-150 allows for the drain pan to be positioned for condensate to drain from the front or the rear. This installation requires the connection be positioned in the **REAR**. Rotate the pan if necessary.
- Step 3:** Identify the hole locations in the panels where installation pipes are to be connected, see Points A and B in the photographs to the right. If the HVAC unit is "CostGard™ Ready," the proper hole sizes are precut and protected with a removable cover. In this case, remove the covers and proceed to Step 5; other wise continue to Step 4.
- Step 4:** For units not "CostGard™ Ready," use a 1-3/8" hole saw and cut holes in the panels at the locations defined by the dimensions on the drawing to the right at points **A** and **B**.

CAUTION

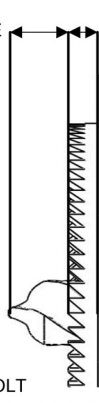
TO PREVENT POSSIBLE DAMAGE TO INTERNAL COMPONENTS, EQUIP HOLE SAW WITH DEPTH STOP SUCH AS ILLUSTRATED BELOW.

HOLE SAW DEPTH STOP USING PVC SCH 40



MACHINE NUT MACHINE BOLT

1/4" ALLOWABLE BIT DEPTH

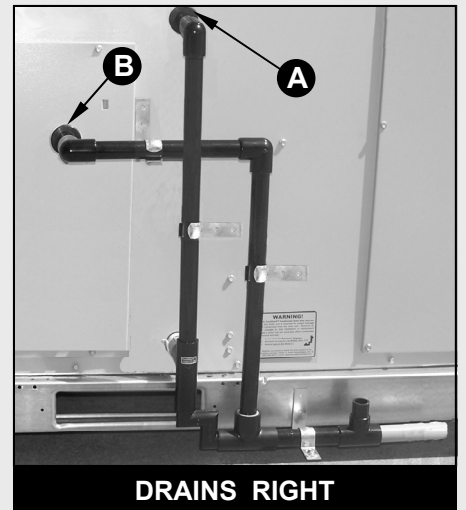
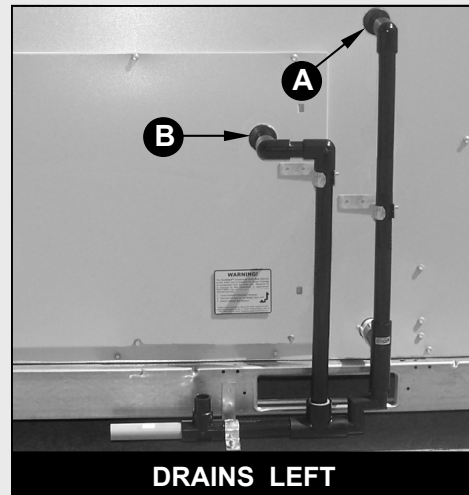


1/8" ALLOWABLE SAW DEPTH

SUGGESTED HOLE SAW CONFIGURATION

- Step 5:** Install grommets in each hole cut in Step 4.
- Step 6:** Assemble the numbered components as illustrated on the back of this page. Dry fit all parts together. Parts A, B, and C of the CostGard™ Condensate Drain Seal (See Bag 1 of Parts List) are not bonded. This is to allow rotation for routing, draining condensate to either the left or right, and attaching the air supply piping. Only apply PVC cement to dry parts (free of moisture) after the proper rotation position is found. **Once the components are assembled and pipe supports are installed, ALL connecting joints MUST be bonded with PVC cement.**
- Step 7:** Attach yellow warning label (see Bag 1 of Parts List).
- Contact Trent Technologies with questions regarding this installation.

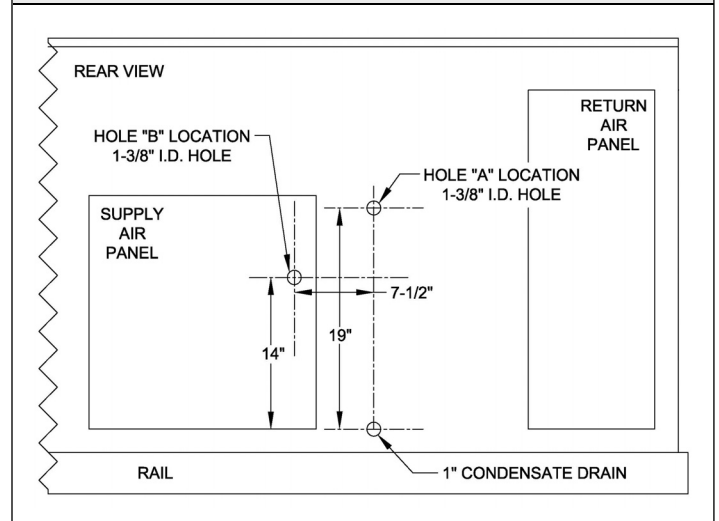
INSTALLATION PHOTOS - REAR VIEW



NOTE:
 Position drain pan so that the drain is at the **REAR**.

See Manufacturer's instructions if pan rotation is necessary.

HOLE LOCATIONS - REAR VIEW



CostGard™ CONDENSATE DRAIN SEAL MODEL 1525-17-56

OPERATING RANGE

TO VERIFY CORRECT OPERATION:

Make the following measurements with the system running:

- (1) Static pressure in the drain pan compartment (not the return duct)
- (2) Static pressure in the supply air plenum.

If these pressure values fall within "checkout range-air filter clean," defined on the chart to the right, the system will operate properly. And, it will operate properly when the filter is dirty and ready to be changed (.50 inch wc pressure loss). If the measured pressures are not within the defined operating range, it may still be possible to use the CostGard™ Condensate Drain Seal Model 1525-17-56. Contact Trent Technologies for resolution.

