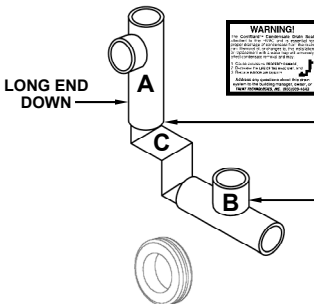



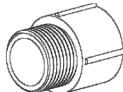
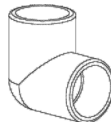

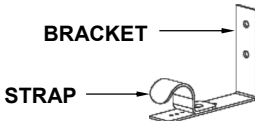

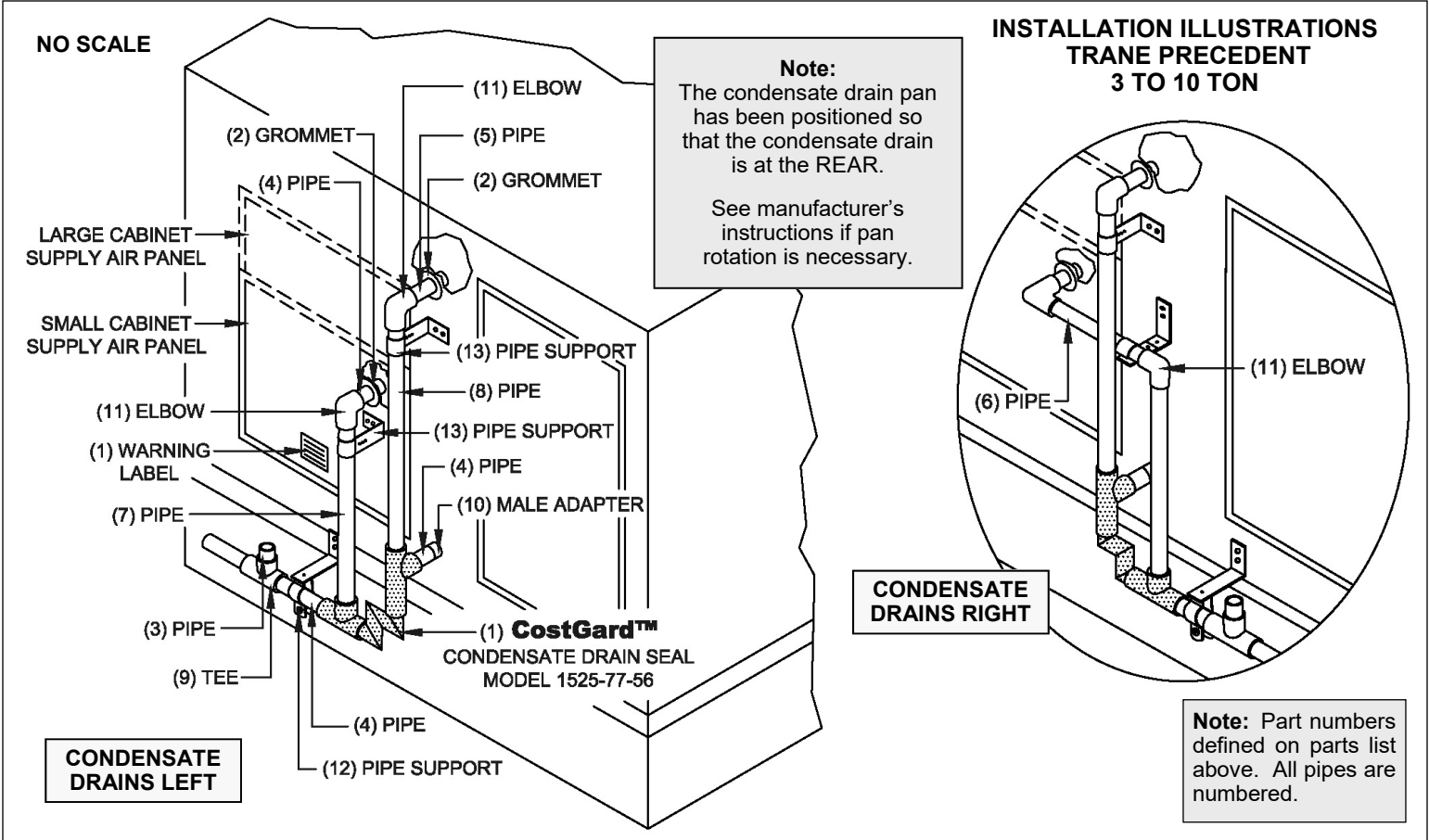


PARTS LIST

NO TRAP  
REQUIRED

CostGard™ Condensate Drain Seal – MODEL TP-033-120-77  
TRANE PRECEDENT - 3 To 10 Ton

	Identification Symbol	Part #	Qty	Part Name and/or Size	
Bag 1	<div></div>	<b>CostGard™ Condensate Drain Seal</b>  Warning Label  Properly assembled when the internally sloped end of Part C is inserted into the long end of Part A.  Part B — Rotate until proper position is found (up to 60°).	1	1	
	<div></div>	<b>GROMMETS</b>	2	2	<b>CostGard™ Condensate Drain Seal Model – 1525-77-56 - Parts A, B, C Installation Instructions and Warning Label</b>  <b>Important Notice:</b> After installation of the <b>CostGard™</b> Condensate Drain Seal is complete, the enclosed <b>Yellow Warning Label</b> must be attached to the HVAC unit as instructed on the back of each label.  <b>GROMMET – FOR 3/4 INCH PIPE #2277</b>
Bag 2 or Box		<b>SCHEDULE 40 UV STABILIZED PVC 3/4” PIPE</b>	3	1	3/4 INCH PIPE – 1-1/2 INCHES LONG
			4	3	3/4 INCH PIPE – 3 INCHES LONG
			5	1	3/4 INCH PIPE – 4 INCHES LONG
			6*	1	3/4 INCH PIPE – 6-1/4 INCHES LONG
			7	1	3/4 INCH PIPE – 16-1/2 INCHES LONG
			8	1	3/4 INCH PIPE – 23 INCHES LONG
		<b>*Note: Pipe #6 is used where condensate drains to the RIGHT.</b>			
Bag 3	<div></div>	<b>SCHEDULE 40 UV STABILIZED PVC SLIP TEE (SLIP X SLIP X SLIP)</b>	9	1	3/4” X 3/4" X 3/4" SLIP TEE
	<div></div>	<b>SCHEDULE 40 UV STABILIZED PVC MALE ADAPTER (MIPT X SLIP)</b>	10	1	3/4 INCH MALE ADAPTER
	<div></div>	<b>SCHEDULE 40 UV STABILIZED PVC 90° ELBOW (SLIP X SLIP)</b>	11*	3	3/4 INCH ELBOW
<b>*NOTE: Three elbows are used where condensate drains to the RIGHT.</b>					
Bag 4	<div></div>	<b>#108-B PIPE SUPPORT MODIFIED (requires screws below)</b>	12	1	PIPE SUPPORT #108-B MODIFIED WITH 3/4 INCH PIPE HANGER #2110
	<div></div>	<b>#108 PIPE SUPPORT (requires screws below)</b>	13	2	PIPE SUPPORT #108 WITH 3/4 INCH STRAP #902-S
	<div></div>	<b>SELF TAPPING SCREWS</b>	14	8	#10-16 X 3/4” SCREWS WITH NEOPRENE WASHERS
Screws—Bag 5 in Bag 4					



# INSTRUCTIONS

**CostGard™ Condensate Drain Seal – MODEL TP-033-120-77**  
TRANE PRECEDENT - 3 To 10 Ton

**NO TRAP  
REQUIRED**

This kit contains all the components necessary for installing the CostGard™ Condensate Drain Seal on the Precedent 3 to 10 ton models. The components provided are listed on the backside of this page. The smaller components are packaged in five transparent plastic bags.

### 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. Precedent models allow 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 the pipes are to be connected (Points A and B) in the photograph 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. Otherwise, continue to Step 4.

### CAUTION

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

GROMMET SIZE	HOLE SAW	PVC PIPE
3/4"	1-3/8"	1-1/4" SCH 40

### CONDENSATE DRAIN LOCATED IN REAR

See manufacturer's instructions if pan rotation is necessary.

**CONDENSATE DRAINS LEFT  
LARGE CABINET**

**CONDENSATE DRAINS RIGHT  
LARGE CABINET**

- 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 below at points A and B.
- Step 5:** Install grommets provided, in proper holes.
- Step 6:** Determine if your installation requires a left or right drain arrangement. The photographs above show the condensate drain to the left and to the right on the LARGE Precedent cabinet. All pipes are numbered. Assemble and dry fit all parts together. Parts A, B, and C of the CostGard™ Condensate Drain Seal 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 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:** Connect pipe supports. Attach yellow warning label.

Contact Trent Technologies with questions regarding this installation.

### VERIFY CORRECT OPERATION

Check system operation as described in the Checkout Procedure below.

### HOLE LOCATIONS & DIMENSIONS

**Note:**  
The condensate drain pan has been positioned so that the condensate drain is at the **REAR**.

See manufacturer's instructions if pan rotation is necessary.

### CHECKOUT PROCEDURE

With the system operating, make the following measurements:

- Static pressure in the drain pan compartment (not the return duct), and
- 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 in. 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 1525-77-56. Contact Trent Technologies for resolution.

**CostGard™ CONDENSATE DRAIN SEAL MODEL 1525-77-56**

### OPERATING RANGE