

# PARTS LIST

**CostGard™** Condensate Drain Seal – MODEL CWA-004-014-77  
CARRIER – 2 TO 15 TON

**NO TRAP  
REQUIRED**

Scan to learn more.

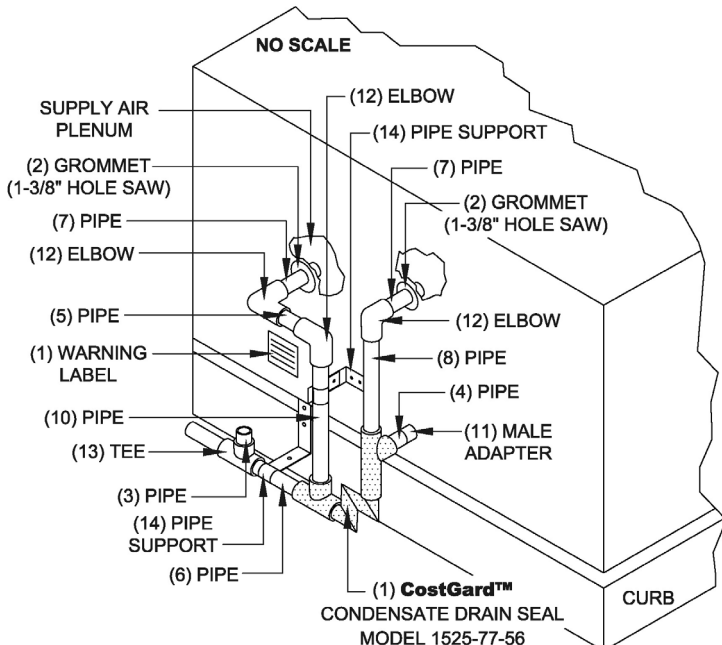


|  | <u>Identification Symbol</u>  | <u>Part #</u>  | <u>Qty</u>   | <u>Part Name and/or Size</u>  |  |
|--|---|--|--|---|--|
| Bag 1  | <p><b>CostGard™</b><br/>Condensate Drain Seal</p> <p>Warning Label</p> <p>Properly assembled when the internally sloped end of Part C is inserted into the long end of Part A.</p> <p>Part B – Rotate until proper position is found (up to 60°).</p> | 1  | 1  | <b>CostGard™</b><br>Condensate Drain Seal<br>Model: 1525-77-56 - Parts A, B, C<br>Installation Instructions and Warning Label |  |
|  |   |  |  |   | <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. |
| Bag 2 or Box   | <p>SCHEDULE 40<br/>UV STABILIZED PVC<br/>PIPE</p>   | 3  | 1  | 3/4 INCH PIPE—1-1/2 INCHES LONG   |  |
|  |   | *4   | 2  | 3/4 INCH PIPE—2-1/4 INCHES LONG   |  |
|  |   | *5   | 1  | 3/4 INCH PIPE—2-1/2 INCHES LONG   |  |
|  |   | 6  | 1  | 3/4 INCH PIPE—3 INCHES LONG   |  |
|  |   | *7   | 2  | 3/4 INCH PIPE—3-1/2 INCHES LONG   |  |
|  |   | 8  | 1  | 3/4 INCH PIPE—8-1/2 INCHES LONG   |  |
|  |   | 9  | 1  | 3/4 INCH PIPE—10-1/2 INCHES LONG  |  |
|  |   | 10   | 1  | 3/4 INCH PIPE—11-3/4 INCHES LONG  |  |
|  |   |  |  |   | <b>*NOTE:</b> Pipe #5 and an extra pipe #7 are used where condensate drains LEFT.<br>Pipe #9 and an extra pipe #4 are used where condensate drains RIGHT.  |
|  |   | Bag 3  | <p>SCHEDULE 40 UV<br/>STABILIZED PVC ADAPTER<br/>(MIPT X SLIP)</p> | 11  | 1  |
| <p>SCHEDULE 40 UV<br/>STABILIZED PVC<br/>90° ELBOW<br/>(SLIP X SLIP)</p> | 12  |  |  | 3   | 3/4 INCH ELBOW   |
|  | <p>SCHEDULE 40 UV<br/>STABILIZED PVC SLIP TEE<br/>(SLIP X SLIP X SLIP)</p>  |  |  | 13  | 1  |
| Bag 4  |   | <p>BRACKET</p> <p>CLAMP</p> <p>PIPE SUPPORT<br/>(requires screws listed below)</p> | 14   | 2   | 3/4 INCH CLAMP & #108 PIPE SUPPORT   |
|  | <p>SELF TAPPING SCREWS</p>  |  | 15   | 6   | #10-16 X 3/4" SELF TAPPING SCREW WITH NEOPRENE WASHER  |

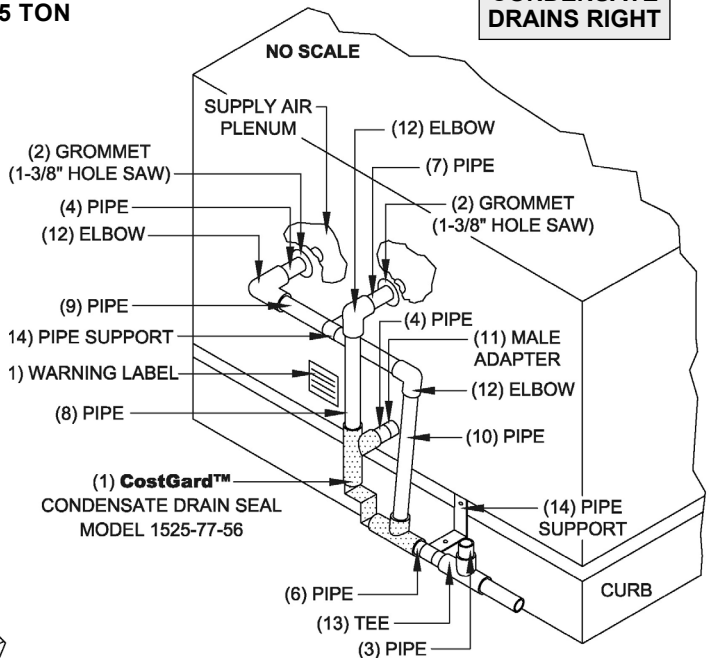
Screws—Bag 5 inside Bag 4

## INSTALLATION ILLUSTRATION CARRIER 2 TO 15 TON

**CONDENSATE  
DRAINS LEFT**



**CONDENSATE  
DRAINS RIGHT**



**Note:** Part numbers defined on parts list above.  
All pipes are numbered.

# INSTRUCTIONS

**CostGard™ Condensate Drain Seal – MODEL CWA-004-014-77**  
CARRIER – 2 TO 15 TON

**NO TRAP  
REQUIRED**

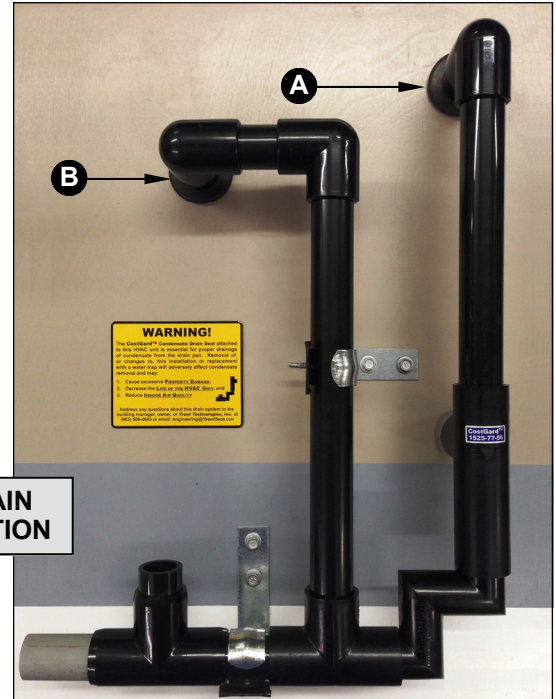
Scan to learn more.



This kit contains all the components necessary for installing the CostGard™ Condensate Drain Seal on Carrier 2 to 15 ton models. The components provided are listed on the backside of this page. The smaller components are packaged in five individual transparent plastic bags.

## INSTALLATION

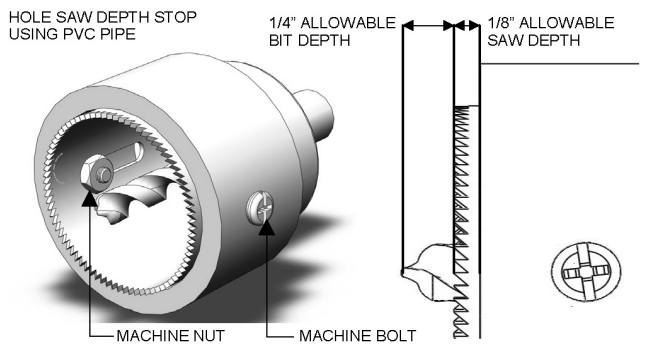
- Step 1:** Open packages to check for missing or damaged parts. In case of discrepancies, notify Trent Technologies immediately.
- Step 2:** Identify the hole locations in the panels where installation pipes are to be connected, see points A and B in the photograph to the right. If the HVAC unit is “CostGard™ Ready”, the proper hole sizes are precut and protected with a removable cover. In this case, remove the covers and proceed to Step 4. Otherwise, continue to Step 3.
- Step 3:** For units not “CostGard™ Ready”, use a 1-3/8” hole saw to cut holes in the panels at the locations defined by the dimensions on the drawing to the right at points A and B.



**LEFT DRAIN  
INSTALLATION**

## CAUTION

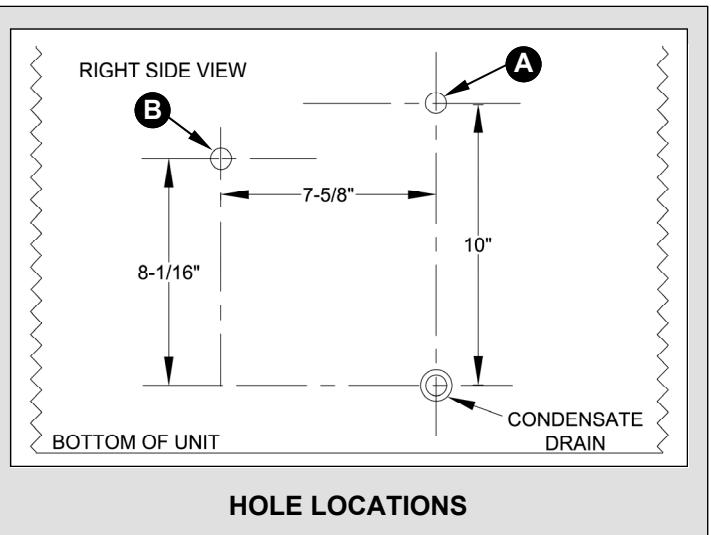
TO PREVENT POSSIBLE DAMAGE TO INTERNAL COMPONENTS, EQUIP HOLE SAW WITH DEPTH STOP SUCH AS ILLUSTRATED BELOW.



### SUGGESTED HOLE SAW CONFIGURATION

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

- Step 4:** Install grommets provided, in proper holes.
- Step 5:** After determining if your installation requires a left or right drain arrangement, assemble and 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.**



**HOLE LOCATIONS**

- Step 6:** Attach yellow warning label (See Bag 1 of Parts List). Contact Trent Technologies with questions regarding this installation.

## SYSTEM CHECK OUT

Check system operation as described in the Checkout Procedure below.

## CHECKOUT PROCEDURE

With the system operating, make the following measurements:

- (1) Static pressure in the drain pan compartment (not the return duct), and
- (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 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. For resolution, contact Trent Technologies.

### CostGard™ CONDENSATE DRAIN SEAL MODEL 1525-77-56 OPERATING RANGE

