PARTS LIST

CostGard[™] Condensate Drain Seal – MODEL TP-033-120-77

TRANE PRECEDENT - 3 To 10 Ton

Provide and Provide Constant Const	Identification Symbol Part # Qt	ty Part Name and/or Size
BRACKET SCHEDULE 40 UV STABLIZED PVC SCHEDULE 40 UV STABLIZED PV	LONG END DOWN Condensate Drain Seal Warning Label Properly assembled when the internally sloped end of Part C is inserted into the long end of Part A.	Condensate Drain Seal Model – 1525-77-56 - Parts A, B, C Installation Instructions and Warning Label 1 Important Notice: After installation of the CostGard™ Condensate Drain Seal is complete, the
SCHEDULE 40 UV STABILIZED PVC 9 1 33 KINCH PPE - 3 KICHES LONG 33 KINCH PPE - 4 KICHES LONG 33 KINCH PPE - 4 KICHES LONG 33 KINCH PPE - 2 KICHES LONG 34 KICH PPE - 2 KICHES LONG 34 KICHES LO	found (up to 60°).	the HVAC unit as instructed on the back of each label.
SCHEDULE 40 UV STABILIZED PVC SLIP TEE 9 1 3/4" X 3/4" X 3/4" SLIP TEE SCHEDULE 40 UV STABILIZED PVC MALE ADAPTER UV STABILIZED PVC MALE ADAPTER UV STABILIZED PVC UV STABILIZED PVC (SLIP X SLIP) UV STABILIZED PVC (SLIP X SLIP) TH SCHEDULE 40 UV UV STABILIZED PVC (SLIP X SLIP) TH STABLIZED PVC (SLIP X SLIP) TH SCHEDULE 40 UV UV STABILIZED PVC (SLIP X SLIP) TH SCHEDULE 40 UV STABILIZED PVC (SLIP X SLIP) TH SCHEDULE 40 UV TH STABLIZED PVC UV STABILIZED PVC (SLIP X SLIP) TH SCHEDULE 40 UV STABILIZED PVC Three obows are used where condensate drains to the RIGHT. Th SCHEDULE 40 UV TH 3/4 INCH PIRE AUPORT #08 WTH 3/4 INCH PRE AUPORT #08 STRAP SELF TAPPING SCREWS 14 8 #10-16 X 3/4" SCREWS WITH NEOPRENE WASHERS SCHEDULE 40 UV STRAP SELF TAPPING SCREWS 14 8 #10-16 X 3/4" SCREWS WITH NEOPRENE WASHERS SCHEDULE 40 UV STRAP SELF TAPPING SCREWS 14 8 #10-16 X 3/4" SCREWS WITH NEOPRENE WASHERS SCHEDULE 40 UV STRAP SELF TAPPING SCREWS 14 8 #10-16 X 3/4" SCREWS WITH NEOPRENE WASHERS SCHEDULE 40 UV STRAP SCHEDULE 40 UV (S) PIPE (S) PIPE	SCHEDULE 40 UV STABILIZED PVC 3/4" PIPE 8	 3/4 INCH PIPE – 3 INCHES LONG 3/4 INCH PIPE – 4 INCHES LONG 3/4 INCH PIPE – 6-1/4 INCHES LONG 3/4 INCH PIPE – 16-1/2 INCHES LONG 3/4 INCH PIPE – 23 INCHES LONG
STABLIZED PVC SLIP Y SLIP) SCHEDULE 40 UV STABLIZED PVC UV STABLIZED PVC UV STABLIZED PVC UV STABLIZED PVC UV STABLIZED PVC UV STABLIZED PVC SCHEDULE 40 UV STABLIZED PVC UV STABLIZED PVC UV STABLIZED PVC UV STABLIZED PVC SUP X SLIP) UV STABLIZED PVC UV STABLIZED PVC UV STABLIZED PVC UV STABLIZED PVC SUP X SLIP) UV STABLIZED PVC UV STABLIZED PVC STRAP STRAP SELF TAPPING SCREWS 14 S #10-16 X 34" SCREWS WITH NEOPRENE WASHERS Screws-Bag 5 In Bag 4 NO SCALE UV STABLIZED PVC UV STABLIZED P	*Note: Pip	e #6 is used where condensate drains to the RIGHT.
Display UV STABILIZED PVC (MIPT X SLP) 10 1 3/4 INCH MALE ADAPTER UV STABILIZED PVC (MIPT X SLP) UV STABILIZED PVC (VI STABILIZED	STABILIZED PVC SLIP TEE 9	1 3/4" X 3/4" X 3/4" SLIP TEE
UV STABILIZED PVC (SLIP X SLIP) 11* 3 34 INCH ELBOW *NOTE: Three elbows are used where condensate drains to the RIGHT. ************************************		1 3/4 INCH MALE ADAPTER
MODIFIED (requires screws below) 12 1 PPE SUPPORT #108-BMODIFIED WITH 3/4 INCH PIPE HANGER #2110 BRACKET #108 PIPE SUPPORT (requires screws below) 13 2 PIPE SUPPORT #108 WITH 3/4 INCH PIPE HANGER #2110 STRAP #108 PIPE SUPPORT (requires screws below) 13 2 PIPE SUPPORT #108 WITH 3/4 INCH PIPE HANGER #2110 STRAP SELF TAPPING SCREWS 14 8 #10-16 X 3/4" SCREWS WITH NEOPRENE WASHERS Screws—Bag 5 In Bag 4 Note: Tranke PRECEDENT Take PRECEDENT 3 TO 10 TON 10 TON NO SCALE (1) FIPE (2) GROMMET Note: INSTALLATION ILLUSTRATIONS TRANE PRECEDENT 3 TO 10 TON SupPLY AIR PANEL (2) GROMMET See manufacturer % Instation is necessary. INSTALLATION ILLUSTRATIONS TRANE PRECEDENT 3 TO 10 TON SMALL CABINET (13) PIPE SUPPORT (13) PIPE SUPPORT (14) PIPE (10) MALE ADAPTER (10) FIPE SUPPORT (10) MALE ADAPTER (11) ELBOW (11) ELBOW (11) ELBOW (11) ELBOW (12) PIPE (11) CostGard M MODEL 155-77-50 (11) CostGard M MODEL 155-77-50 Note: Part numbers Setimed one moth list	UV STABILIZED PVC 90° ELBOW (SLIP X SLIP)	
MODIFIED (requires screws below) 12 1 PPE SUPPORT #108-BMODIFIED WITH 3/4 INCH PIPE HANGER #2110 BRACKET #108 PIPE SUPPORT (requires screws below) 13 2 PIPE SUPPORT #108 WITH 3/4 INCH PIPE HANGER #2110 STRAP #108 PIPE SUPPORT (requires screws below) 13 2 PIPE SUPPORT #108 WITH 3/4 INCH PIPE HANGER #2110 STRAP SELF TAPPING SCREWS 14 8 #10-16 X 3/4" SCREWS WITH NEOPRENE WASHERS Screws—Bag 5 In Bag 4 Note: Tranke PRECEDENT Take PRECEDENT 3 TO 10 TON 10 TON NO SCALE (1) FIPE (2) GROMMET Note: INSTALLATION ILLUSTRATIONS TRANE PRECEDENT 3 TO 10 TON SupPLY AIR PANEL (2) GROMMET See manufacturer % Instation is necessary. INSTALLATION ILLUSTRATIONS TRANE PRECEDENT 3 TO 10 TON SMALL CABINET (13) PIPE SUPPORT (13) PIPE SUPPORT (14) PIPE (10) MALE ADAPTER (10) FIPE SUPPORT (10) MALE ADAPTER (11) ELBOW (11) ELBOW (11) ELBOW (11) ELBOW (12) PIPE (11) CostGard M MODEL 155-77-50 (11) CostGard M MODEL 155-77-50 Note: Part numbers Setimed one moth list	<u>ا</u>	
#103 PIPE SUPPORT (requires screws below) 13 2 PIPE SUPPORT #103 WITH 3/4 INCH STRAP #902-S STRAP SELF TAPPING SCREWS 14 8 #10-16 X 3/4" SCREWS WITH NEOPRENE WASHERS Screws—Bag 5 in Bag 4 NO SCALE INSTALLATION ILLUSTRATIONS TRANE PRECEDENT 3 TO 10 TON INSTALLATION ILLUSTRATIONS TRANE PRECEDENT 3 TO 10 TON LARGE CABINET (2) GROMMET (2) GROMMET See manufacturer's instructions if pan rotation is necessary. INSTALLATION ILLUSTRATIONS TRANE PRECEDENT 3 TO 10 TON SMALL CABINET (13) PIPE SUPPORT (13) PIPE SUPPORT (13) PIPE SUPPORT (13) PIPE SUPPORT (1) WARNING (13) PIPE SUPPORT (13) PIPE SUPPORT (13) PIPE SUPPORT (14) PIPE (3) PIPE (11) ELBOW (12) PIPE SUPPORT (11) ELBOW (11) ELBOW (11) ELBOW (3) PIPE (12) PIPE SUPPORT (10) MALE ADAPTER CONDENSATE ORAIN SEAL ONDEL 1525-77-58 ONDENSATE (3) PIPE (4) PIPE (4) PIPE (10) CostGard TM ONDEL 1525-77-58 Note: Part numbers	MODIFIED 12	
SUPPLY AIR PANEL () PIPE () P	* #108 PIPE SUPPORT (requires screws below) 13	
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NO SCALE (2) GROMMET (4) PIPE (4) PIPE (4) PIPE (1) ELBOW (5) PIPE (2) GROMMET (2) GROMMET (3) PIPE (1) MALE ADAPTER (3) PIPE (3) PIPE (3) PIPE (1) CostGard TM (4) PIPE (1) CostGard TM (3) PIPE (4) PIPE (5) ContGard TM CONDENSATE DRAIN SEAL MODEL 1525-77-56 (4) PIPE	Screws—Bag 5 in Bag 4	
CONDENSATE DRAINS LEFT (12) PIPE SUPPORT above. All pipes are numbered.	(2) GROMMET (5) PIPE (4) PIPE (2) GROMMET SUPPLY AIR PANEL (2) GROMMET SMALL CABINET (13) PIPE SUPPORT (11) ELBOW (13) PIPE SUPPORT (11) ELBOW (13) PIPE SUPPORT (11) WARNING (10) MALE ADAPTER (1) WARNING (10) MALE ADAPTER (1) WARNING (10) MALE ADAPTER (10) MALE ADAPTER (11) ELBOW (11) PIPE (12) PIPE (11) WARNING (12) PIPE (11) WARNING (12) PIPE (12) PIPE (12) PIPE (13) PIPE (14) PIPE (10) MALE ADAPTER (12) PIPE (11) PIPE (12) PIPE (12) PIPE (12) PIPE	e: tedrain pan sitioned so ensate drain REAR. acturer's secessary.

Trent Technologies, Inc. 15939 FM 2493, Tyler, Texas 75703 www.*TrentTech*.com – Phone: (903) 509-4843

NO TRAP REQUIRED

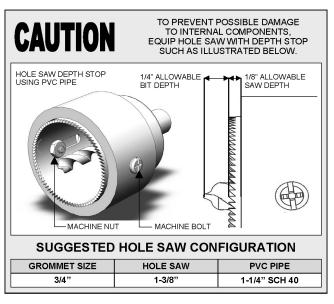
INSTRUCTIONS

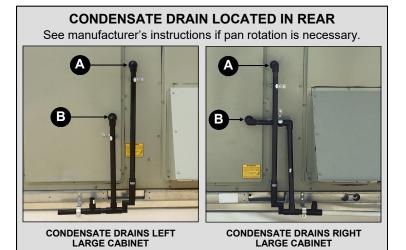
CostGard™ Condensate Drain Seal – MODEL TP-033-120-77 TRANE PRECEDENT - 3 To 10 Ton

This kit contains all the components necessary for installing the CostGardTM 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.





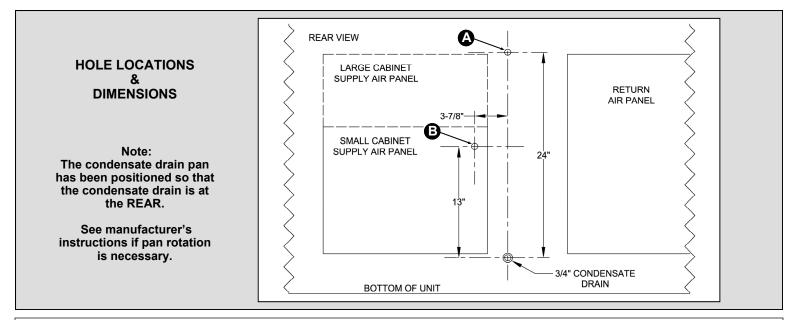
NO TRAP REQUIRED

- **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.

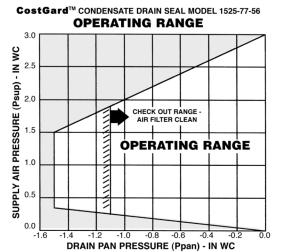


CHECKOUT PROCEDURE

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 CostGardTM Condensate Drain Seal model 1525-77-56. Contact Trent Technologies for resolution.



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