

## 12 Gauge Commercial Full Floor Transition & Low Duct Assembly

### TR-6952 Inventory Parts

1-PNEG-272 Instructions  
1-CH-6873 Silicone Sealant  
1-S-4458 Caulking (24' Roll)  
1-TR-6957 Hardware Package

### TR-4011 Transition Assembly

1-TR-4007 Transition Top Panel  
1-TR-4008 Transition Bottom Panel  
2-TR-4009 Transition Side Panel  
1-TR-4010 Transition Faceplate

### TR-6951 Duct Assembly

1-TR-6948 Duct Top Plate  
1-TR-6949 Duct Bottom Plate  
1-TR-6950 Duct RH Side Plate  
1-TR-6953 Duct LH Side Plate  
1-TR-6955 Duct Sizing Angle  
2-TR-6956 Duct Mounting Bracket

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**Seal all joints to insure  
no air leaks or water  
accumulation.**

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### Installation Instructions

1. Assemble TR-6951 duct by standing one side panel and the top panel on end in an "L" shape. Line up holes and screw together. Stand other side panel on end, line up holes with the edge of bottom panel and fasten as before. Next, line up top assembly and fasten together.
2. Assemble TR-4011 transition in similar manner as duct, but do not attach top panel.
3. Field cut hole in faceplate to dimensions of the inside of the fan discharge. Drill holes to match bolting pattern of fan discharge.
4. Fasten transition to duct, slipping transition discharge over duct assemble and screw first the bottom and then the sides.
5. Insert faceplate and screw into the bottom and sides.
6. Place fan in position to be bolted to faceplate. Be sure fan and transition are level and fit flush. If not, shim until fan discharge is flush with faceplate. When flush fit is assured, bolt fan to faceplate with bin bolts (not provided with transition assembly).
7. Place transition top panel in place and secure to sides and faceplate. Fasten to duct.
8. When completed, the fan, transition and duct should be one unit.

## EXPLODED ISOMETRIC VIEW



**\*\*NOTE: WHEN CONNECTING TRANSITION TO THE DUCT ASSEMBLY  
SCREW BOTTOM TOGETHER BEFORE  
SCREWING THE SIDES TOGETHER.**

## SIDEWALL OPENING DETAIL

## SEALING INSTRUCTIONS

- 1) CAULK ALL SEAMS WHEN ASSEMBLING TRANSITION & ENTRANCE DUCT.
- 2) POSITION ASSEMBLY THROUGH SIDEWALL OPENING AND CHECK FOR LEVEL.
- 3) APPLY CAULKING TO BOTH THE SIDEWALL AND ENTRANCE DUCT WHERE THE MOUNTING BRACKETS AND SIZING ANGLE WILL SEAL GAP AROUND DUCT.
- 4) SCREW THE MOUNTING BRACKETS TO THE SIDEWALL AND THEN THE DUCT.
- 5) SCREW THE SIZING ANGLE TO THE SIDEWALL STARTING IN THE MIDDLE AND WORKING OUTWARD TO EACH EDGE. THEN SCREW THE TABS DOWN TO THE ENTRANCE DUCT.
- 6) THE TOP EDGE OF THE SIZING ANGLE SHOULD BE FIELD FORMED TO FOLLOW THE CORRUGATION CONTOUR OF THE SIDEWALL SHEET.
- 7) USE TAPE CAULK TO FINISH SEALING ANY AREAS THAT MIGHT CAUSE A LEAKAGE PROBLEM.

