

## Transition & Duct Assembly-Flush Floor Aeration 42" ILC

### TR-7089 Inventory Parts

1-PNEG-850 Instructions  
1-TR-4017 Hardware Package  
1-TR-7090 Hardware Package  
2-CH-6873 Silicone Sealant

### TR-7088 Transition Assembly

1-TR-7084 Transition Bottom Panel  
1-TR-7085 Transition Top Panel  
1-TR-7086-L Transition Left-hand Side Panel  
1-TR-7086-R Transition Right-hand Side Panel  
1-TR-7087 Transition 42" Faceplate

### TR-4012 Duct Assembly

2-TR-4004 Duct Top & Bottom Panel  
2-TR-4005 Duct Side Panel  
2-TR-4006 Duct Splice  
3-TR-4016 Corrugated 14 Gauge Supports

---

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

---

1. Using #10 x 5/8" self-drilling screws (S-280), assemble TR-4012 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 bottom assembly and fasten together. (Secure splices in "U" shape as shown if more than one duct assembly is to be used.)
2. Assemble TR-7088 transition in similar manner as duct, using 5/16 x 3/4" flanged bolt with nut (S-6606, S-3611), but do not attach top panel.
3. Using 1/4 x 1" self-drilling screws (S-7229), fasten transition to duct, slipping transition discharge over duct and screwing first the sides and then the bottom.
4. Using 5/16 x 3/4" flanged bolt with nut (S-6606, S-3611), fasten transition top to transition sides. With remaining 1/4 x 1" self-drilling screws (S-7229), fasten transition top to duct assembly.
5. Place fan in position and bolt to faceplate. Be sure fan and transition are level and fit flush. If not, shim until faceplate is flush with transition opening. When flush fit is assured, bolt faceplate to transition with 5/16 x 3/4" flanged bolt with nut (S-6606, S-3611).
6. When completed, the fan, transition and duct should be one unit.