



# KEES, INC.

**Products for Sheet Metal HVAC, Food Service, & Architectural Construction Industries**

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## **KEES Model ADL-R Access Door**

### **Installation Recommendations**

Read instructions entirely before installing!

1. The ADL-R access door is designed to mount to round or oval duct and a surface with a constant radius.
2. Position / hold the door on the duct and using the door as a template, mark the outer edge of the door and hinge rivet holes onto the duct. Press the door to the duct as tight as possible to compress the gasket while marking. Remove the door, and now locate 4 lines 1" to the inside of the outer edge marking of the door – this is the duct cutout size.
3. Cut out section of duct.
4. Drill .125-.140 dia holes in duct for hinge rivets.
5. Position door over original outer edge marks, locate hinge rivet holes and attach hinge to duct, using 1/8" dia. blind rivets. If rivets are not air tight, seal rivets with appropriate duct sealant.
6. To locate the strikes onto the duct, press the door to the duct as tight as possible to compress the gasket, and with the draw latch engaged into the strike and positioned on the duct, mark the location of the (4) strike holes onto the duct. Drill (4) .125-.140" dia holes approximately 1/16" to 1/8" away from the original marks for added gasket compression. Rivet strikes to duct using 1/8" dia blind rivets. Seal as required.
7. Latch door closed. Initial resistance to closing will typically be high, particularly spiral duct with high ribs.

Alternate:

1. Rivet door and strikes to the duct before cutting the duct opening. Verify tool clearance to cut opening.
2. Sheet metal screws may loosen with use and is not recommended. Use of screws is at the installer's discretion.

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