INSTALLATION INSTRUCTIONS

RECESSED FLANGE

1. To ensure an adequate seal between the flange and the ceiling system, it is important to have a square opening and a flat ceiling surface. When gypsum is used as the base material it should have adequate thickness to resist bowing. See appropriate specification sheet or contact Kenall directly for recommended ceiling cutout dimension. The cutout opening should be accurate to within a 1/16 of an inch.

2. Swing arm brackets are used to mount fixture to ceiling structure. After creating the ceiling cutout, frame the opening on the plenum side of the ceiling.

3. Framing around the entire opening is recommended and should start at the rough opening. The minimum thickness of the ceiling material plus the frame material is 1-½ inches. The maximum thickness of the ceiling and framing material is 3 inches. Typically, 1-5/8 Unistrut® is used to frame the opening because of its straightness, but straight lumber can also be used (framing material by others).

4. Gypsum board shall be secured to the framing material around the opening. The ceiling surface around the opening shall be flat and smooth and not run (deviate from a straight edge) more than 1/32 inch over 2 feet. The opening should always be cut into whole pieces of gypsum. Ceiling seams and joints shall be outside of fixture cutouts. Structural members running under the gypsum shall be whole pieces around the cutouts and run the length of the cutout, not just under the swing arm bracket.

5. Place a continuous bead of approved* caulk on the back side of the housing flange.

6. Connect the appropriate flexible raceway system to the fixture and raise the fixture into the opening.

7. Turn each of the 4 swing arm screws approximately ½ turn to swing the arm away from the housing and then lower the fixture, letting the swing arm brackets come to rest on framing.

8. Continue tightening swing arm screws until the fixture is firmly seated in the cutout.

9. Position door frame into housing opening and start all screws by hand. Tighten all screws to seal door frame to fixture.
RECESSED GRID

1. Fixture is designed for use with 1.00”/1.50” T bar grid systems with vertical grid T thickness of less than ¼ inch with a maximum height of 1.50” inches. Grid systems can be installed with standard 12, 24 or 48 inch centerline spacing of grid.

2. Fixture housing lays into grid. Tighten four (4) swing arms in the stowed position as shown (required to maintain fixture IP rating). If securing fixture to the superstructure with hanger wire (by others) loop wire through holes on swing arm attach bracket. Position door frame into housing opening and start all screws by hand. Tighten all screws to seal door frame to fixture.

*RTV-108 room temperature vulcanizing silicone, or a type approved by the building owner/consulting engineer for the application.

CUSTOMER SERVICE

For technical assistance, call 1-800-4KENALL (1-800-453-6255).

WARRANTY

For warranty information visit www.kenall.com/Resources/Certified-Performance-Warranties