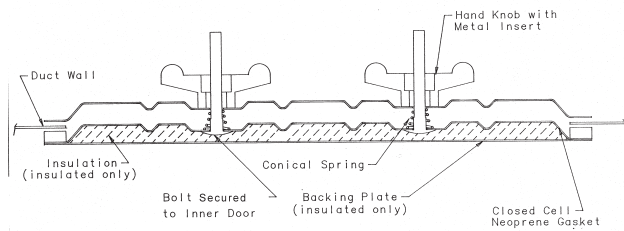


# Spiral Duct



## DESCRIPTION

Access door for spiral ducts.

## BASIC USE

To provide easy access into air ducts and units. The door was developed to provide a solid, leak-tight door that is simple to install.

## SPECIAL CHARACTERISTICS

- Insulated or uninsulated
- Smooth interior finish on insulated doors
- Tested to 20" W.G. with no leakage noted
- Tested to negative 10" W.G. with no leakage noted
- Please specify when ordering doors for negative pressure applications as gasket is placed to the outside panel
- Insulated doors are recommended for negative pressure applications

## TECHNICAL INFORMATION

### a. Panels

The insulated Spiral Duct Access Door consists of three layers of precision stamped steel. The inside panel consists of two layers of metal which are spot-welded together along the rim, encapsulating high density fiberglass insulation with Ecosse® Technology UL classified FHC 25/50 and R-value of 2.1. Uninsulated doors have similar construction without the backing plate and insulation.

NOTE: The 24" x 18" access door consists of only two layers of precision stamped steel. A polyester foam pad installed between the inner and outer door panels provides insulation. (The 24" x 18" door is not available with high density fiberglass insulation).

### b. Gasket

Closed cell neoprene gasket is UL94HF1 listed with a service temperature range of (ASTM D746) -20° F to 200° F. The gasket is bonded to the inside of the door to insure consistent installations.

### c. Springs

Zinc plated conical springs are installed, between the inner and outer door, to facilitate opening.

### d. Knobs

Red polypropylene molded knobs have threaded metal inserts to eliminate thread stripping. Knobs are easily turned by hand. Knobs are UL94HB listed.

### e. Bolts

Zinc plated carriage bolts are secured to inner door.

### f. Template

Self adhesive template is provided for the exact size of duct opening required.