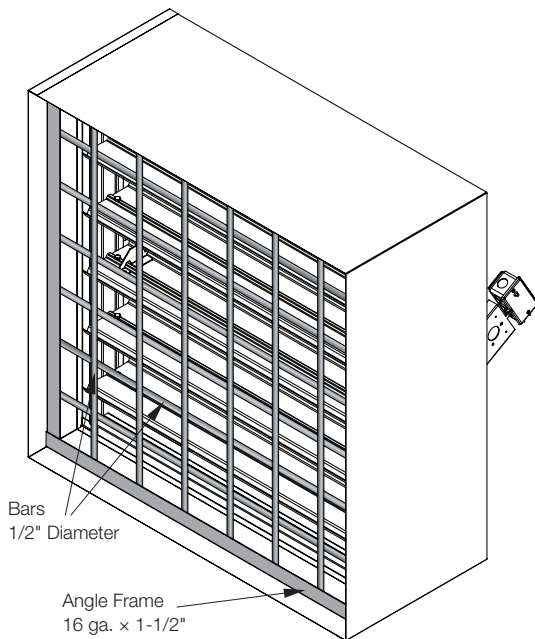




Application

Installation of Pottorff burglar bars into damper sleeves reduces security risks and will also reinforce the equipment. Pottorff's use of burglar bars maintains the UL classification for all of their products when they are used. The standard product is welded into a 16 ga. sleeve.

General

Installation instructions are not to supersede UL guidance or damper installation instructions.

The following guidelines provide additional basic assembly and installation instructions for the Burglar Bars. Factory installation places security bars into non-jackshaft or rear side of damper, or shipped loose for field assembly. In instances when a damper transition is also ordered and shipped loose, care must be taken to ensure the burglar bars are installed before the transition.

Note: The following installation instructions are for burglar bar installation only.

Preparation

- Locate pallet and inspect for any damage or missing components. Installation Instructions will be supplied in the box containing hardware.
- Notify Pottorff customer service immediately of any shortages or shipping damage.

Standard Construction

Material: 1/2" (13) diameter zinc-plated bars, 6" (152) on center (horizontal and vertical) installed in a 1-1/2" x 1-1/2" x 16 ga. (38 x 38 x 1.6) thick galvanized frame.

Finish: Factory finish

Minimum Size: See appropriate damper minimum

Maximum Size: See appropriate damper maximum

Mechanical Installation

- Insert security bars into damper sleeve and secure to desired setback distance
- **Note:** there must be enough clearance between damper frame and security bars to not inhibit damper function.
- For 3V or airfoil dampers there must be at least 1" of clearance from the edge of the damper frame to ensure proper operation.
- Fix security bars to damper sleeve using sheet metal screws, rivets, or welder.
 - Screws/rivets/welds must be no more than 8" apart, and no more than 1" from each sleeve corner.

Recommended Tools

- Sheet metal screws (size #8 or larger)
- Screw driving equipment
- or
- Sheet metal rivets (5/32" or larger)
- Riveting equipment
- or
- Welding equipment
 - Spot weld diameter no less than 1/4"

