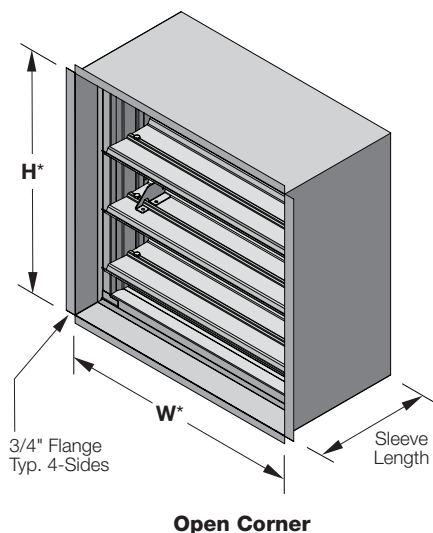
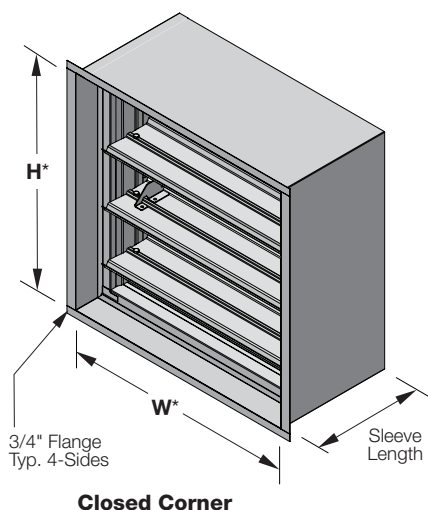




Application

C&S FD-120 and FD-180 G-style multiple-blade fire dampers are intended for vertical wall installations in fire-resistance-rated assemblies of less than 3 hours. Dampers are factory-installed in a sleeve with 3/4" (19 mm) offset grille mounting flanges, available in both closed-corner and open-corner configurations. The damper and sleeve assembly mounts flush within the wall opening, allowing the customer-supplied grille to install over and fully conceal the mounting flanges for a clean finished appearance.

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 C&S G-style mounting flange arrangement. Factory-installed mounting flanges are integral to the sleeve and located on the non-jackshaft side of the damper assembly.

Preparation

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

Mechanical Installation

- Install the damper assembly in the wall opening with the G-style mounting flanges flush to the finished wall surface.

Note: The flange arrangement is designed to accommodate a customer-supplied grille with a maximum grille depth of 1.75"

- For the closed-corner option, mounting angles are not required on the jackshaft side. Attach the closed-corner flange to the partition as single-side angles per FD-120 and FD-180 installation instructions.
- For the open corner option, mounting angles shall be installed on the jackshaft side of the damper and are not required to be fastened to the partition.
- For further information, see FD-120 and FD-180 installation instructions.

Standard Construction

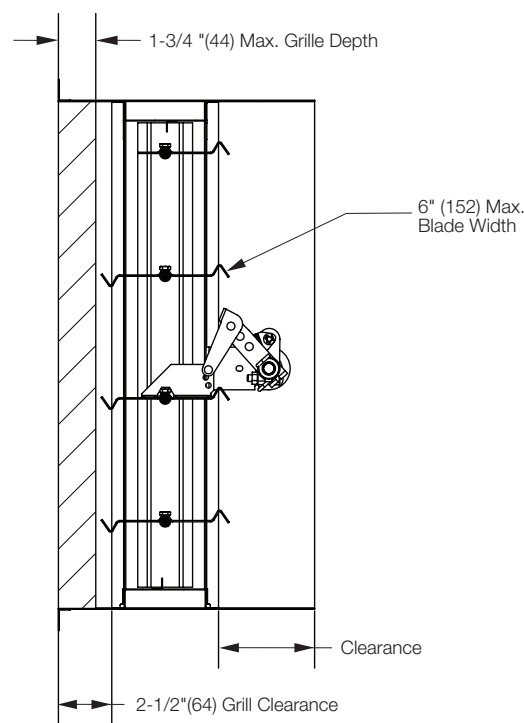
Material: Galvanized Steel

Grille Clearance: Fixed 2.5" (64)

Default Sleeve Size: Standard 12" (305) with a 4.5" (114) clearance

Minimum Size: See appropriate damper minimum

Maximum Size: See appropriate damper maximum



Note: Minimum wall thickness is 5" (127)
Consult C&S if wall is less than 5" (127)