

Are these dampers to be installed in a system in which the fans continue to run during fire and smoke control?

Yes  (Dynamic)    No  (Static)

Are these dampers to be installed in ducts where they penetrate a:

Wall  (Ductwork running horizontal requires a vertical damper)    Floor  (Ductwork running vertical requires a horizontal damper)

**If these dampers are to be installed where the duct penetrates or terminates at the ceiling go to the next page.**

This partition has a Fire Rating of \_\_\_\_\_ hours.

Are there any dimensional restrictions in the partition that might impact the profile (thickness) of the dampers frame?

Yes     No

The shape of the duct is:

Square     Rectangular     Round     Oval

The duct dimensions are:

Duct Width \_\_\_\_\_ Duct Height \_\_\_\_\_ Duct Diameter \_\_\_\_\_ (If oval, indicate width and height of the oval).

**Always indicate the width first even if shorter than height.**

**Width dimension in the manufacture of these devices indicates the length of and the side from which the blades close.**

The dampers' blades are to be:

In air stream  (Type A)    Out of air stream  (Type B)

The whole appliance, blades AND frame, are to be out of the air stream (100% free area):

Yes  (Type C, may have round, oval or rectangular collars)    No

Are there any requirements for an elevated temperature (212°) at which the damper is to activate?

Yes     No

Are there any requirements for a product manufactured in stainless steel?

Yes     No

Are sleeves required?

Yes     No

If so:

Gauge of sleeve \_\_\_\_\_ Length of sleeve \_\_\_\_\_

Factory Installed     Field Installed

Retaining angles to be supplied from:

Factory     Field



## Ceiling Radiation Damper Product Survey

The dimensions of the duct opening are:

Rectangular       Round

It would be preferable to have the fusible link mounted:

Between the blades       On the sides of the blades   
(between a wire hook & catch)

The duct dimensions are:

Duct Width \_\_\_\_\_ Duct Height \_\_\_\_\_ Duct Diameter \_\_\_\_\_

<sup>1</sup>Always indicate the width first even if shorter than height.

Width dimension in the manufacture of these devices indicates the length of and side on which the blades are hinged.

Are there any requirements for an elevated temperature (212°) at which the damper is to activate?

Yes       No

Are there any requirements for a product manufactured in stainless steel?

Yes       No

Would it be preferred to have the CRD's factory installed in a boot?

Yes       No

If so, what would be the diameter of the inlet collar? \_\_\_\_\_

What type of boot would be required?

90° (L)       Straight       End

Options for throat depth, the vertical distance from the flange, if any, to the first, bend in the boot.

6"      8"

Is a flange required on these boots?

Yes       No

<sup>1</sup> Exchanging duct dimensions does not alter the orientation of the inlet to the damper opening. A 6 X 10 X 7, with an "L" boot will be oriented the same to the inlet as a 10 X 6 X 7. The only change will be the side on which the blades are hinged. To change the orientation of the damper opening to the inlet, one would request an "L" boot rather than an End boot. This would rotate the damper opening from perpendicular to parallel to the inlet. (See next page.)