

BTD830

Installation Instructions Bubble Tight Dampers

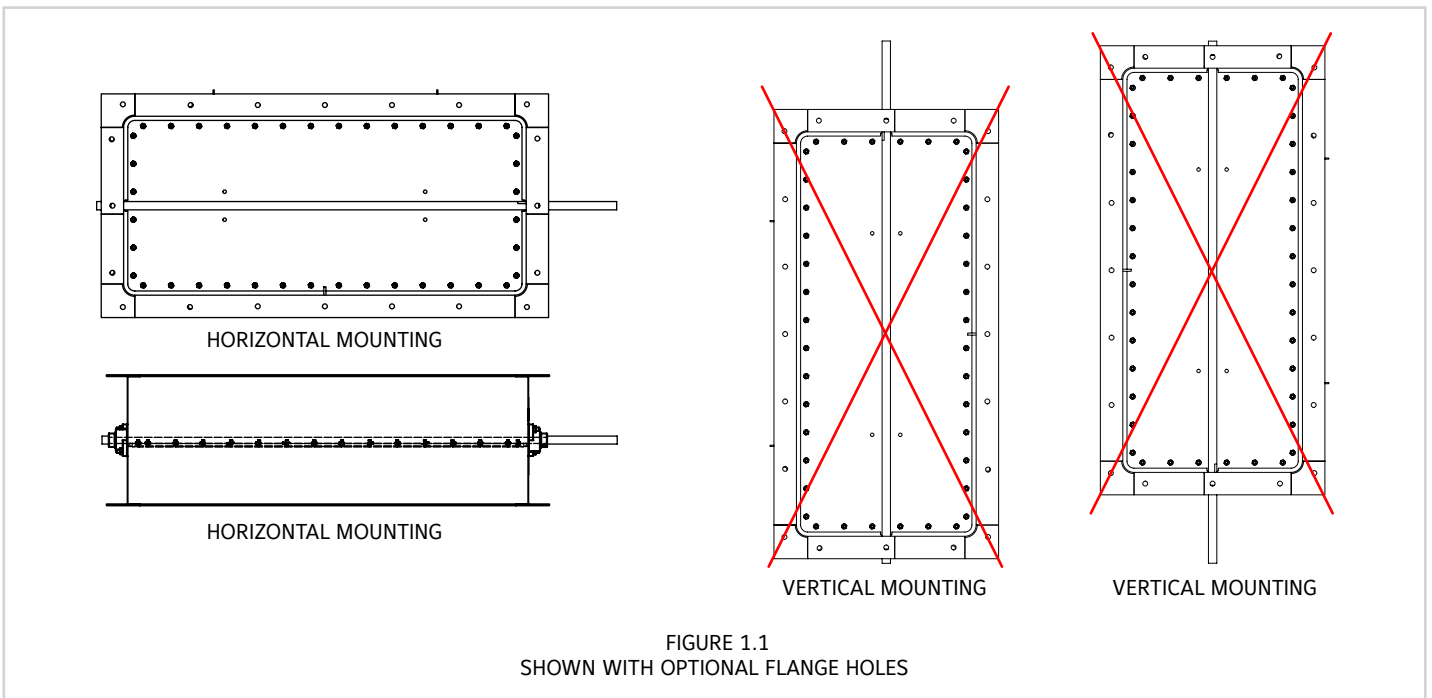


SCOPE

Provide general guidance for the installation of Ruskin Bubble Tight products. Ruskin Bubble Tight Dampers are designed to be mounted in-line with ductwork.

NOTES AND CAUTIONS

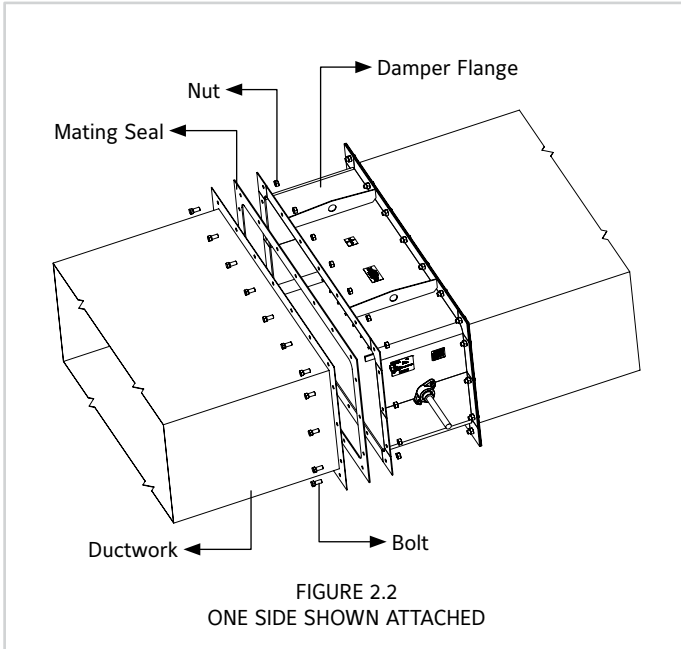
- ▶ Failure to follow these instructions may void warranties.
- ▶ Dampers come standard WITHOUT flange holes.
- ▶ Ruskin does NOT recommend Bubble Tight Dampers be welded into place.
- ▶ Dampers are designed to be installed with axles Horizontal only.



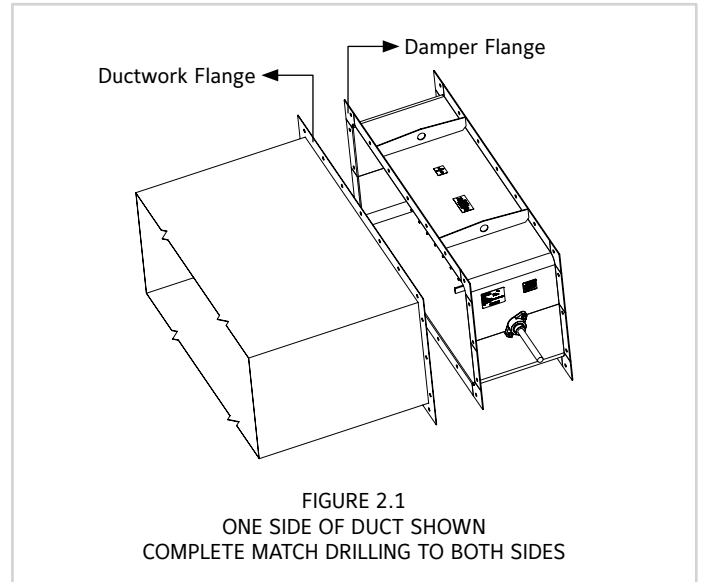
IN-LINE DUCT MOUNTING

Ductwork Flange face must be flat.

1. Match drill flanges of ductwork and damper.
2. Use a mating seal between ductwork flange and damper flange, loosely install bolts and nuts in flange holes.
3. Ensure ductwork is aligned with damper and does NOT hinder the operation of the blade to open or close.
4. Once ductwork and damper are aligned, and all bolt and nuts are loosely installed. Tighten bolts and nuts to an even torque and in a staggard pattern so that gasket is smoothly and evenly compressed.



NOTES:
Preferred Mating Seal is a gasket cut from closed cell silicone foam, medium hardness.
Other appropriate seal materials may be used.



NOTES:
Ductwork Flange face must be flat

LINKS TO IMPORTANT DOCUMENTS

Document Title
Limited Warranty Document



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