Pass-Through Radiation Shield

Pass-Through Radiation Shield Now Available for ASHT & S2100

A common question with sloped ceilings is how to treat the penetration for chimneys installed on factory-built fireplaces, and in multi-story applications. Factory firestop components and attic insulation shields (attic radiation shields) are designed to be installed on a flat, framed surface. However, when it's necessary to install in a non-flat or sloped ceiling, the time and expertise required to build a suitable extended box and frame can be cost prohibitive. Often, installers take short-cuts that can compromise firestop and vapor barrier requirements with little thought given to providing appropriate clearance between the insulation and the chimney.

SECURITY CHIMNEYS HAS A SOLUTION!

Picture a box that looks just like a cathedral ceiling support, with the key difference being that the insulated chimney can pass right up through it.

- Box fastens to a standard framed opening at the ceiling.
- Opening on the bottom of the box acts as a firestop.
- Vapor barrier can be attached to all four sides of the box using approved tape or sealant.
- Top end of the box poking up into the attic can serve as an attic insulation shield. Box includes square-to-round collar for this purpose.
- Box is insulated using supplied mineral wool insulation (rock wool).
- Includes standard extension. Effective shield height can be adjusted from a minimum of 24" up to 46"tall.

This example shows spray-foam insulation in direct contact with the chimney, which is a serious potential fire hazard!

Diameter (A) (in)	ASHT Order Number	B x B Box Dimensions (in)
8 ¼	6SRSE	12 x 12
9 ¼	7SRSE	13 x 13
10 ¼	8SRSE	14 x 14

Diameter (A) (in)	S2100 Order Number	B x B Box Dimensions (in)
10 3⁄16	6XSRSE	14 x 14
11 3⁄16	7XSRSE	15 x 15
12 3⁄16	8XSRSE	16 x 16