

Enclosure Installation Instructions for Fire Rated Enclosures Pertains to All LSPs and S-Series

Care of the Fire Rated Enclosure:

Standard installation procedures for the enclosure should be followed in addition to the specific instructions stated here in. Additional fire blanket, foil tape, fire caulk, and wedges are provided with the enclosure.

Care should be taken to insure that the fire blanket does not tear during installation. If a tear occurs, take a small amount of the excess blanket provide if needed and place over the tear. Using the foil tape provided, tape over the tear, allowing a 1" overlap. Firmly press the tape into place using a appropriate tool and means.

Mounting the Enclosure:

The four (4) provided mounting brackets should be factory mounted at each side corner of the enclosure. If these brackets are not installed then they should be mounted on the exterior of the blanket, penetrating its surface with the provided screws, and then penetrating the enclosure.

Position the enclosure between two appropriately spaced and positioned wall studs. Secure the enclosure to the wall studs using field provided hardware. Verify that the unit is mounted at the correct height and that the surface lip will extend beyond the finished wall surface the proper distance as stated in the provided Installation, Operations and Maintenance Manual. The blanket will extend outward from the rough wall plain.

DO NOT TRIM ANY BLANKET FROM THE FACE SURFACE OF THE ENCLOSURE.

Piping the Enclosure:

If rubber grommets are used for the bulkhead fittings, then they should be in place.

Where liquid/air tight fittings are provided for use with piping systems, then they should be installed with the strain relief fitting placed from the exterior, through the blanket and then through the bulkhead hole. Use the lock-nut at the interior to secure the fitting in place. Where a vented pipe and/or sleeve is to be installed separate from or over a vented piping system such as natural gas piping, then place that pipe through the blanket and enclosure securing it to the bulkhead with lock-nuts on either side of the enclosure.

Connect piping through the bulkhead holes, attaching to the enclosure's valve assemblies.

Piping the Electrical Conduit to the Enclosure:

Use lock-nut at the interior to secure the electrical conduit fitting in place.

Make penetrations in the enclosure and fire blanket for needed electrical conduit. Secure the conduit to the enclosure.

Once all penetrations are made and pipe is secured to the piping assemblies and/or bulkhead, using the provided caulk seal all penetrations at the fire blanket. This includes all piping and possibly mounting brackets.

Completing the Installation. Installing the Finish Wall Trim:

Referring to the installation instructions for the enclosure, note that the trim slides over the exterior of the enclosure's sides and is secured with provided screws from the interior. The door must be in place before installing this trim. The trim should slide onto the enclosure between its surface and the fire blanket.

Cut the blanket so that the face of the blanket aligns with the face of the finished wall surface.
From the interior, remove the four (4) knock-outs provided for the insertion of the trim screws.

Slide the trim onto the enclosure. The outer lip of the trim should rest firmly against the finished wall surface. If excess fire blanket protruding beyond the trim prevents this from happening, then carefully remove this excess blanket with a sharp knife. Caution, the blanket should rest against the backside of the flange of the trim in order to insure fire rating.

Having the trim slid onto the enclosure but not firmly against the wall surface, view the blanked material around the face of the enclosure. If it has separated at any corner due to the sizing of the neck of the trim, remove the trim and place cut pieces of the excess blanket into these spaces.

Determine the approximate spreading of the blanket that will occur when the trim is again placed onto the enclosure. Using the provided fire caulk, seal the seam between the fire blanket and the wall.

Slide the trim back onto the enclosure, verifying that the outer flange rests against the finished wall surface. Using the four (4) provided screws, attach the trim to the enclosure.

Using the provided fire caulk, seal all penetration made during the installation.