



WALL FIN MAINTENANCE INSTRUCTIONS

Inspection & Storage

Inspect the entire shipment for damage, either readily visible or concealed. Wall fin components should be stored under dry, clean conditions. Any protective packing should not be removed until the components are required for installation, unless damage in transit is suspected.

Fin-Tube Radiation Maintenance

Regular maintenance of the fin-tube radiation units will help keep the unit running at optimum capacity. A regularly scheduled inspection and maintenance program should be implemented and followed.

(1) Cover:

Use a soft non-abrasive cloth with a standard household cleaner. Under no circumstances should an abrasive cleaner be used.

(2) Heating Element:

The heating element should be cleaned at least once every year. More frequent cleanings should occur if the heating element appears to have a build-up of contaminants.

Remove any dirt by brushing or vacuuming the heating element. High-pressure air may be blown through the heating element to dislodge any built-up contaminants.

In extreme cases, it may be necessary to remove the heating element and spray it with a mild alkaline cleaning solution, followed by a rinse.

Standard SIGMA Wall mounted enclosure Installation Instructions

- (1) Determine the distance needed for wall enclosure application. The mounting channel (hanger strip or joggle strip) and the full height backplate (if required) should be installed on the entire wall surface where the enclosure and accessories will be installed.
- (2) Cut the mounting channel or full backplate to the desired length. The channel and backplate are furnished in lengths of 6'-0". Combine multiple lengths if needed. When joining two pieces, make sure that the cut end is at the end of the run.
- (3) Find and mark the mounting height on the wall. (The standard mounting height is equal to the enclosure height plus 4".) The mounting channel or full backplate should be lined up flush with the marked mounting height.
- (4) Attach the mounting channel using fasteners suitable for wall construction. Ensure channel is leveled.
- (5) Fasten the brackets flush to and under the hangerstrip (The brackets should be installed approximately 36" apart.) bracket is installed with a fastener using the recessed hole of the bracket.
- (6) For second tier elements, mount and fasten the additional tier brackets on to the support brackets.
- (7) Install the heating element on the slide cradles located on the bracket. (The end of the heating element should be installed at least 3" from the bracket.) If installing additional rows of heating element or return piping, always install the bottom-most element first and work upward. Ensure tubing rests on cradle.
- (8) Place top of enclosure panel on to hanger strip and snap bottom of panel on to the BKTCE bracket.
- (9) For 2 or more side by side enclosure panels join by a panel joiner.
- (10) If an access panel is used, join access panel to enclosure panel by a joiner and use an additional mounting bracket to secure it in both sides.
- (11) Install accessories between the wall and wall channel at the top and around the cover at the bottom. The accessories are overlapping. Hook bottom of trim strip on the bottom of enclosure panel, swing trim up and hook top of trim on the top of enclosure/ hanger strip. For corners fasten at the top by #10 screws. To install the end caps just slide it to the end of the enclosure.
- (12) If an access door is required, locate it on enclosure panel; cut out a 5 ½" square opening and drill four ¼" diameter holes on corners of 6 ½ square. Mount and fasten access door assembly.

Standard SIGMA pedestal enclosure Installation Instructions

- (1) The floor should be continuous and level under each pedestal. Snap a chalk line on the floor along the centerline of the pedestals. The pedestal centerline should be 9" from the wall for one row pedestals, and 11-1/2" from the wall for two row pedestals.
- (2) Place the pedestals along the chalk line evenly. The pedestal should be installed a maximum of 3'-0" apart on center. Secure the pedestal using a fastener suitable for floor construction.
- (3) Fasten tops of pedestal base.
- (4) Place the heating element on the pedestal. Before connecting the piping to the system, be sure to purge the system to insure against heating element blockage. Care must also be taken to prevent debris from entering the system when making the piping connections. Ensure tubing rests in cradle.
- (5) Install the enclosure over the pedestal bracket. Slide enclosure panel into pedestal base and screw bottom of panel to the base.
- (6) For 2 or more side by side enclosure panels join by a panel joiner.
- (7) If an access panel is used, join access panel to enclosure panel by a joiner and use an additional pedestal base to secure it in both sides.
- (8) For trims and corners, slide down over enclosure and snap bottom of trim and/or corner on to the bottom of enclosure and fasten with #10 screws.
- (9) To install the end caps just slide it to the end of the enclosure.