

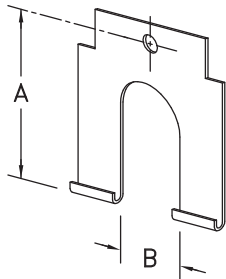
INSTALLATION INSTRUCTIONS

VERSA-LINE COMMERCIAL FINNED-TUBE RADIATION VA/VB-XC CEILING MOUNTED

1. These covers mount directly onto the element fin and do not use a back plate for support.
2. Determine quantities of enclosure and accessories required per wall or run.
- 3A. **Hot Water Systems:** Using rods or wires by others, as listed in the specifications, install two (2) ceiling hangers (elevation as shown in mechanical drawing layouts.) per element length up to 5'-0" of length. Install three (3) ceiling hangers per element length 5'-6" up to 9'-6" (8'-0" for 3/4" copper/aluminum) of length. Install four (4) ceiling hangers per element length 9'-6" up to 12'-6". Accessories do not require brackets. Apply the same for second and/or third row(s) of element if required.
- 3B. **Steam Systems (Two Pipe):**
If this cover is used on two pipe steam applications, the ceiling hangers and cover will have to be pitched downward from the supply end of the element. The minimum rate of pitch is 1/2" drop over a 20 foot run. Install two (2) ceiling hangers (elevation location will be found on submittal document.) per element length up to 5'-0" of length. Install three (3) ceiling hangers per element length 5'-6" up to 9'-6" (8'-0" for 3/4" copper/aluminum) of length. Install four (4) ceiling hangers per element length 9'-6" up to 12'-6". Accessories do not require brackets. Apply the same for second and/or third row of element if required.
4. Lay out element as required. Place the bottom of the element fin into U-bend at the bottom of the ceiling hanger at each hanger location. Check submittal drawing for correct position of element fin. **For copper tube elements, flush the loop or series with system water after soldering to neutralize the remaining flux material and prevent corrosive action and resulting pinhole leaks.**
5. The cover can now be installed. The element fin supports the cover. Start enclosure at left end of run, working clockwise.
6. Install overlapping accessories as indicated on room schedule. If the supply or return run outs extend beyond the end of the cover and end accessory, a clearance slot must be field cut. All accessories are overlapping and secured in place with fasteners by others.

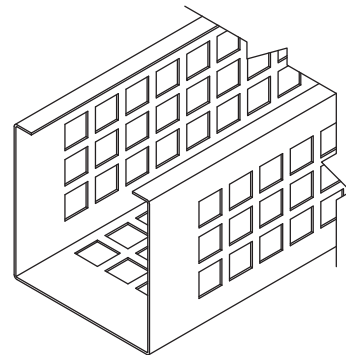
MAINTENANCE

Before each heating season, remove accessories and enclosure panel to inspect finned tube elements for accumulation of dust or other debris that may accumulate and block airflow between fins. Remove dust and debris from coil fins with a vacuum cleaner or compressed air. Inspect for leaks or areas of corrosion. It should not be required, but if necessary, place a drop of lubricant (machine oil) onto each ball bearing (where applicable) located in the water brackets or bracket mounted hangers. Replace cover and accessories.



Ceiling Hanger

FIN SIZE	A	B
3 1/4 FINS	3 7/8	1 3/4
4 1/4 FINS	4 7/8	2 1/2



Ceiling Cover

CAT-72549



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