

VertiCable Series

(Style C80)

Installation Instructions



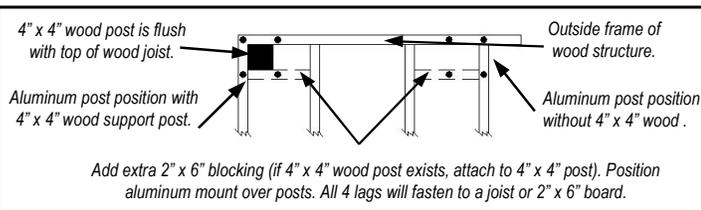
- These instructions must be followed exactly as written and the materials used must be exactly as shown in the instructions. Any deviation from the instructions or variation in the materials used/installed may result in an unsuccessful installation.
- When core drilling any post product where water can build up, the installer is responsible to drill a 1/4" hole as close to the bottom of the post by concrete as possible. If there is no weep hole, you may have damage from moisture build up and freezing thus potentially voiding the powder coating warranty.

Installing Alum. Post w/ Adjustable Plate

NOTE: The installer is responsible to have the substructure strong enough to support the post for what it is rated.

1. Place the (2) stainless steel strips below the plate under the leveling bolts.
2. **For concrete installation**, fasten aluminum post to concrete using (4) 3/8" x 3" or longer concrete anchors (anchors not included.)

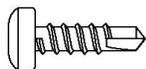
For wood surface installation, fasten aluminum post to wood surface using (4) 3/8" x 4" or longer stainless steel lags (lags not included). **WARNING: When installing the Aluminum Post on top of a wood structure, the 4" lags MUST be lagged into at least 3" of solid wood! It will not be strong enough if it is fastened into a 5/4" or a 1 1/2" thick deck board!** Below is an example of how to design the wood structure to accept the Aluminum Post. Any other way must meet or exceed these qualifications.



3. Use a 1/2" open end wrench to level aluminum post with the leveling bolts on the welded plate. **If using a 6" post attach one-piece flair now.**
4. Attach caps. Lightly tap with rubber mallet if needed.

Angle (Swivel) Mount

1. a. Position bottom swivel mount base so the bottom of the rail has no more than a 2" clearance. **NOTE: A 1 3/8" spacer may be placed on the welded 3/8" plate of the post to reach the 2" clearance. 1 1/4" spacer for 1/2" plate.**
b. Measure up 32 5/8" (for 36" tall railing) or 38 5/8" (for 42" tall railing) from top of bottom mount to top of top mount.
2. Keeping base of mount centered and pin hole turned down, fasten base to post with pan head self-tapping screws (provided).
3. Angle the swivel mount after it is installed on post. Measure from back of cup at one end to back of cup at other end to determine rail length. Cut rails.
4. Install sections as specified in Standard (Level) railing steps 4-7.



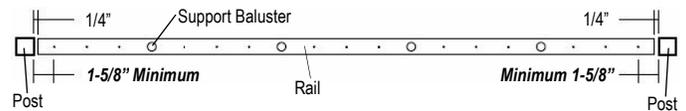
Pan Head



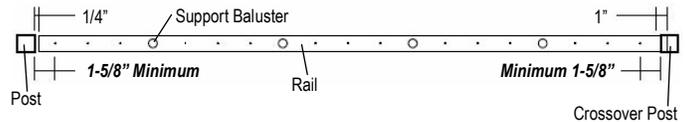
Flat Head

Standard (Level) Railing

1. Cut the rails to length by holding rails against posts. Position so there will be the same baluster or cable spacing on each end of rails (**if possible**). Minimum spacing between post and cable is 1-5/8". Mark rails where they are to be cut. **Make sure rail is cut 1/4" shorter on each end to allow for mounts.** Cut rails.



Crossover railing- Cut bottom rail same as above. For top rail, make end spacing exactly 1" longer on all ends connecting to the crossover post.



2. Attach bottom wall mount to post by positioning the bottom rail so there is no more than 2" clearance. Keeping mount centered on post, fasten mount to post with pan head self-tapping screws (provided). A 1-3/8" spacer may be placed on the welded 3/8" plate of the post to reach the 2" clearance. Use a 1-1/4" spacer for posts with 1/2" plate.
 3. Attach top wall mount to post by measuring up 32-5/8" (for 36" tall railing) or 38-5/8" (for 42" tall railing) from the top of the bottom mount to the top of the top mount. Keeping mount centered on post, fasten mount to post with self-tapping pan head screws (provided).
 4. Loosen cable(s) between end of rails and first support baluster on both ends of assembly by loosening hex nut(s) on underside of bottom rail.
 5. Place rails into mounts. Fasten both rails through side of mounts with flat head self-tapping screws provided.
- Crossover railing-** Fasten top rail to crossover adaptor with pan head screws provided.
6. Tension cable(s) between end of rails and first support baluster on both ends of assembly by tightening hex nut(s) on underside of bottom rail. Proper cable tension is 200 lbs. [90 kg] per cable. A cable tension gauge is recommended. **Do not overtighten.**
 7. Snap covers on all mounts.
 8. Attach 2 piece flair to all posts.

