

# Round Fluted Aluminum Column



## INSTALLATION INSTRUCTIONS

<p>1. Measure the height of the opening where the column will be placed. Cut each column stave (piece) 1/4" longer than the opening. A circular saw with a metal cutting blade is recommended for cutting the staves.</p>	
<p>2. To assemble the column, hinge two staves together. Continue to add staves in this manner until only one remains. Slide remaining stave into each side of the partially assembled column, tap lightly with a rubber mallet if necessary.</p>	
<p>3. To install the capital and base, place the assembled column into the upright base. Slide the upright capital over the top of the column and all the way down to rest on the base. Do not secure. <i>Note: For decorative capitals, see installation instructions provided with the decorative capital.</i></p>	
<p>4. To secure the column, set the column (with the capital and base at the bottom) into place and plumb with a level. Raise the base and the capital and attach the column to the floor with the appropriate fasteners and screws. Repeat at the top of the column. <i>Note: High performance tie down brackets are available at an additional charge.</i></p>	
<p>5. To secure the capital, gently, slide the capital to the top of the column. Pre-drill holes and insert appropriate sized screws through the capital and the column wall. Allow the base to rest on the floor. It is not recommended to secure the base to the floor or to the column.</p>	
<p><i>Notes:</i></p> <ol style="list-style-type: none"> <li>For best load-bearing performance, utilize AFCO load-bearing plates to spread the load over the entire perimeter of the column. Load-bearing capacity is dependent on distributing the load evenly over the surfaces of the shaft.</li> <li>All column staves should be cut square and to the same length.</li> <li>Installation should be on a smooth level surface.</li> <li>2nd story balconies should not be attached directly to the side of any column.</li> <li>Columns should be installed according to standard construction practices and in compliance with applicable local, state, and federal regulations.</li> </ol>	

ROUND FLUTED ALUMINUM COLUMN

# Round Fluted Wrap-Around Aluminum Column

## INSTALLATION INSTRUCTIONS

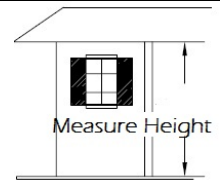


**AFCO**  
Columns and Railings  
a Division of AFCO Industries, Inc.

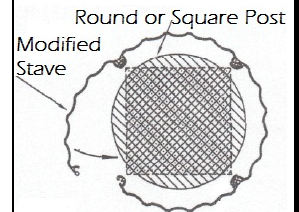
### SIZE CHART

COLUMN SIZE	STAVES PER COLUMN	MAXIMUM SIZE OF EXISTING ROUND POST	MAXIMUM SIZE OF EXISTING SQUARE POST
12	5	9 3/4"	7 1/2"
15	5	12"	9"
18	6	15"	11"
24	6	22 1/4"	15 1/2"

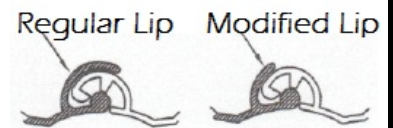
1. Measure the height of the opening where the column will be placed. Cut each column stave (piece) 1/4" longer than the opening. A circular saw with a metal cutting blade is recommended for cutting the staves.



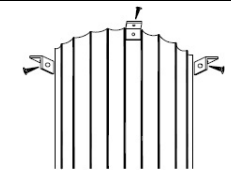
2. To assemble the column, hinge the smaller opening of the stave into the larger opening of the stave. Continue to add staves in this manner around the existing post until only one stave remains. Hinge the last modified stave to the partially assembled column and snap into place. Tap lightly with a rubber mallet if necessary to ensure the joint is fully engaged.



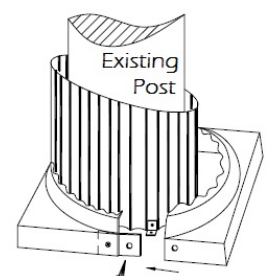
*Note: The stave with the modified lip has a portion of the inter-locking lip removed.*



3. To secure the column, attach the column to the overhead beam or header with the appropriate fasteners and screws. Repeat this at the bottom of the column.  
*Note: High performance tie down brackets are available at an additional charge.*



4. To assemble and install the capital and base, remove one screw from each side of the base. Place the two pieces of the base around the bottom of the column, flush with the floor and re-insert the screws to secure in place. Repeat this process with the capital at the top of the column. To secure the capital, gently slide the capital to the top of the column. Pre-drill holes and insert appropriate sized screws through the capital and the column wall. Be sure the capital is flush with both the header and the base. If needed, caulk between seams for a finished look. Allow the base to rest on the floor. It is not recommended to secure the base to the floor.  
*Note: For decorative capitals, see installation instructions provided with the decorative capital.*



#### Notes:

- This column is not load-bearing.
- All column staves should be cut square and to the same length.
- Installation should be on a smooth level surface.
- 2nd story balconies should not be attached directly to the side of any column.
- Columns should be installed according to standard construction practices and in compliance with applicable local, state, and federal regulations.

ROUND FLUTED WRAP-AROUND ALUMINUM COLUMN