

WCR FABRICATORS, INC.  
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### Wall Brac: SPECIFICATIONS

Wall Brac is a positioner for vertical reinforcing steel in concrete or clay block masonry walls. It is made from No. 9 gage (.1483) Brite Basic, cold drawn wire meeting ASTM A82 & Federal General Services QQ-W-461g specifications. It is formed and electrically welded so that 4 legs extend downward into the cell laterally into the cell corners for a secure fit. Two other cross wires lay in the horizontal mortar joint to suspend the assembly at the top of the cell.

The positioner is used to divide the cell into the sections resembling a tic-tac-toe pattern. This allows the mason to place the vertical steel in any of nine distinct areas of the cell as specified by the engineer. No further wire tying is necessary.

Ideally, for each vertical bar, one positioner will be used at the first course to tie to the foundation dowel, and one will be used at the next to top course for stability. Depending on the wall height, intermediate positioners will be needed, spaced according to code, as UBC is 192 diameters.

Using this method, splices in the vertical steel can be minimized. Steel of the full length can easily be speared into the selected position after the wall is up. After inspection of the cell, grouting of the entire cell can take place.

Wall Brac can usually be sprung into place to accommodate variations in cell dimensions of each manufacturer. Wall Brac come in standards sizes for 8" and 12" block. If other sizes are needed, please check with us and we will walk through the requirements.

If there is any deterioration of the positioner after the grout is set, it is of no consequence. The function of Wall Brac is to hold the steel in place during the grouting process only.

Wall Brac serves as the "caging device" referred to in most building codes.

Wall Brac is suitable for use in combination with cradle positioners.

Information on HI LIFT GROUTING can be obtained from:

Masonry Institute of America  
1315 Storm Parkway  
Torrance, Ca. 90501  
(310)257-9000