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# INSTALLATION INSTRUCTIONS

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## QT<sub>EC</sub> WALL SLEEVE

MODEL  
QWS48-38

FOR USE WITH  
MASONRY CONSTRUCTED WALLS



Bard Manufacturing Company  
Bryan, Ohio 43506

*Since 1914...Moving ahead, just  
as planned.*

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Supersedes:  
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For masonry construction walls, the dimension for the opening will be 48-1/4 inches tall by 43-1/4 inches wide. The dimensions are plus or minus 1/4 inch, and are measured from the finished floor height. See Figure 1. These will be the finished dimensions of the opening.

A one inch spacer is required in the bottom of the opening to raise the sleeve off the floor. The spacer is to lay flush with the outside wall and must provide a water tight seal to the floor and the opening sides.

The sleeve should be test fit in the opening before final preparations are made. Leave the unpainted panel in place until the sleeve is attached to the wall. This will assist in keeping the sleeve square. The sleeve will be installed into the opening from the outside of the building in. The sleeve must be centered in the opening from side to side. The sleeve bottom is to rest on the one inch spacer. The mounting flanges of sleeve must contact the outside wall all around the opening. The mounting flanges must have the mounting holes drilled into the outside wall for concrete anchors which will the sleeve in the wall. The holes should be drilled through the holes in the flanges with the sleeve level and square in the opening.

A slope is built into the bottom of the sleeve from the inside to the outside. This will allow any water that gets into the sleeve to drain out. Once the test fitting has been checked out, the sleeve should be removed from the wall.

With this sleeve removed, apply two 1/4 inch beads of sealant to the flanges that contact the outside wall. Place the sleeve back in the wall opening making sure that the predrilled holes in the wall line up with the holes in the mounting flanges of the sleeve. Check to make sure that there is enough sealant between the wall and the flanges to make the joint water tight.

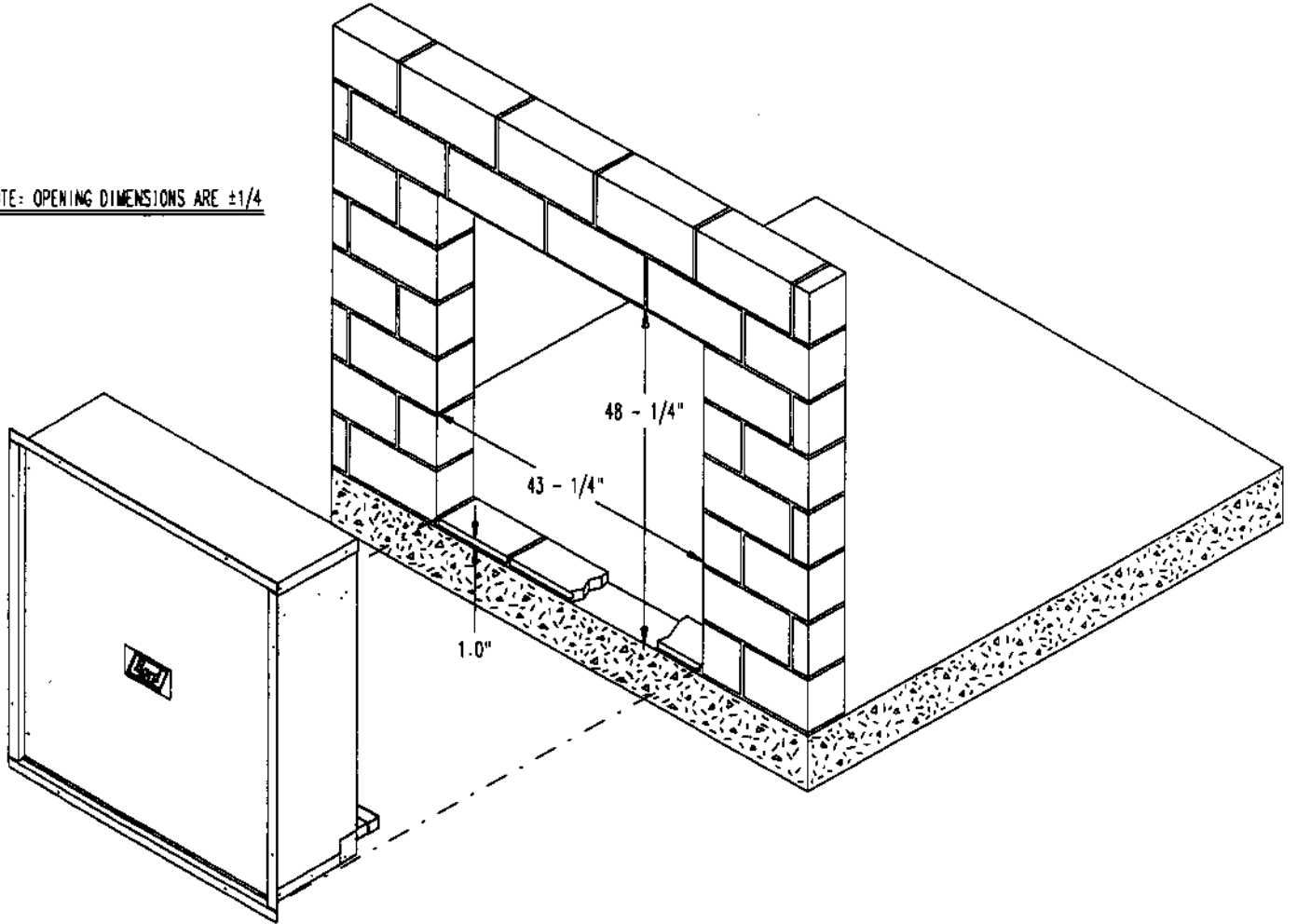
All four mounting flanges must be fastened with two fasteners each to the outside walls. The gaps between the side flanges, and the top and bottom flanges must be sealed to the wall.

This model sleeve has a different method of attachment to the QTEC cabinet. Discard the two mounting brackets shipped with the unit. This model sleeve has two bolts protruding from the flanges that will mate up to the holes in the rear of the unit. Remove the nut and washer. Remove the lower cabinet door and locate the mating holes in the rear of the cabinet. It may be necessary to clear the holes of gasket material.

Roll unit in place, push unit back until the rubber seal on the rear of the cabinet touches the flange on the wall sleeve. Place the washer and nut previously removed on the bolt protruding through the rear of the cabinet. Tighten until there is some compression of the gasket.

FIGURE 1

NOTE: OPENING DIMENSIONS ARE  $\pm 1/4$



MIS-1401