ATTENTION INSTALLING PERSONNEL

As a professional installer you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is your responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Instruction Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.

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KIT ACCESSORIES

Drain Kit

An indoor/outdoor drain kit is available as an accessory item. When a drain kit is to be installed, do so before installing the wall sleeve in the wall. See the drain kit for actual installation instructions.

Subbase, Leveling Legs, Main Duct, and Hydronic Heat Kits

Installation of these kits requires drilling of mounting holes on both sides of the wall sleeve. The minimum required clearance distance between the wall sleeve and wall is shown in Table 1. If the distance between wall sleeve and wall will be at or near the minimum clearance distance, mount these kits on the sleeve before installing the sleeve in the wall. The kit installation instructions are included with the accessory kits.
Wall Receptacle Within 58" From Bottom Right Side Corner on 208/230 VAC Units Only

Figure 1 - Wall Sleeve Dimensions

Figure 2 - Minimum Wall Opening Dimensions

Figure 3 - Minimum Unit Clearances

Figure 4 - Minimum Interior and Exterior

NOTE: To ensure proper airflow and filter removal, it is recommended installation of the wall sleeve be a minimum of 36" from the ceiling.

<table>
<thead>
<tr>
<th>OPTION</th>
<th>MINIMUM CLEARANCES A (Figure 2)</th>
<th>MINIMUM CLEARANCES B (Figure 3)</th>
<th>MINIMUM CLEARANCES C (Figure 4)</th>
<th>MINIMUM PROJECTION C (Figure 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inches</td>
<td>mm</td>
<td>Inches</td>
<td>mm</td>
</tr>
<tr>
<td>Wall Sleeve Only</td>
<td>3</td>
<td>75</td>
<td>0</td>
<td>0</td>
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<tr>
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<td>3</td>
<td>75</td>
<td>3 1/4</td>
<td>85</td>
</tr>
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<td>Leveling Legs Kit</td>
<td>3</td>
<td>75</td>
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<td>230</td>
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<td>'0¹</td>
<td>'0¹</td>
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<td>Hardwire Kit</td>
<td>3</td>
<td>75</td>
<td>1 1/4</td>
<td>30</td>
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</table>

1 If inside mounted then B = 1 1/2 inches (40 mm)
2 To achieve a flush fit between the hydronic front and the finished wall, Dimension "C" must be between 3" and 3 1/8". If this dimension is more than 3 1/8" there will be a gap between the front and the wall. This gap could permit occupant access to hydronic lines or other dangerous parts. For flush mounts, internal drain kits or flashing are required to prevent leaking from external drains into space. See drain kit installation for details on sleeve positioning for internal drain kits.
3 This dimension can be from 0" to 3-1/4", but cannot exceed 3-1/4". If this dimension exceeds 3-1/4", the skirt around the front will not reach the floor.

Table 1
PRE-INSTALLATION CONSIDERATIONS
Before proceeding with the sleeve installation, ensure the following guidelines for locating the wall opening and sleeve are met:

- The wall opening must be the correct size. See Figure 1 for wall sleeve dimensions and Figure 2 for minimum wall opening size.
- The wall sleeve will need to be installed with minimum clearances to the floor and adjacent walls. Minimum projections of the sleeve into and out of the room will also have to be met. See Figures 3 and 4 as well as Table 1 for details.
- If installed in a concrete or masonry wall, a lintel must be provided in the wall opening for support. **Do not use the wall sleeve as a lintel.** See Figure 5 for a typical lintel construction.

OUTDOOR ENCLOSURE PANEL REMOVAL
The sleeve stiffener must be taken out before the enclosure panel can be removed from the sleeve.

1. Remove the zig-zag folded cardboard sleeve stiffener (Figure 7).

2. Remove the rear closure panel by folding the four flaps as indicated in Figure 8.

3. Grasping the top and bottom flanges of the rear closure panel as shown in Figure 9, the entire panel is pulled out diagonally from one side.

Install the wall sleeve condenser air grille by using the screws and holes provided. (See the Installation Instructions provided for the grille kits.)
**WALL SLEEVE INSTALLATION**

After the wall opening is checked and approved for location, size, and clearances, complete the following to install the wall sleeve.

1. Remove the outside enclosure panel from the wall sleeve.

2. Slide the wall sleeve into the wall opening. Do not distort the cabinet shape to fit the wall opening; the unit chassis must fit snugly and uniformly into the wall sleeve.

3. Locate the sleeve within the range of minimum projections, as shown in Figures 3 and 4, so both sides are at least the minimum projection from the wall.

4. Check the level of the wall sleeve. For proper drainage, the sleeve should be level from side to side and one-quarter bubble in the sight glass sloping to the outside.

   See Figure 10 for proper location to check wall sleeve with level. The level should show a 1/4 bubble slope to the outside.

   ![Figure 10 - Checking Wall Sleeve for 1/4 Bubble Slope](image)

   **NOTE:** If using an internal drain kit, the sleeve must be level from front to back.

   See Figure 11 for proper location to check wall sleeve with level. The sleeve should be level from side to side.

   ![Figure 11 - Checking Wall Sleeve for Level](image)

5. Two holes will need to be drilled in both sides of the wall sleeve for mounting into the wall. Drill holes of proper size and in the proper location so the screws will engage into strong supporting members of the wall. **DO NOT DRILL THROUGH BOTTOM OF SLEEVE.** Figure 12 shows possible fastening methods.

   ![Figure 12 - Wall Sleeve Attachment to Opening](image)

6. Check the level of the wall sleeve and adjust if necessary.

7. Caulk or seal around the outside of the entire sleeve.

8. If the unit chassis will not be installed immediately, replace the enclosure panel on the outside opening of the sleeve. This will prevent weather damage to the building interior.

9. Recycle or dispose of packaging materials per local codes.