

# Product Instructions

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## Viega® Manifold Cabinet

Viega manifold cabinets are designed to house our 1¼" stainless steel manifolds and 1" copper manifolds. They are intended for recess mounting and are height and depth adjustable. The sidewalls and top contain knockouts for piping and electrical connections, with the bottom of the cabinet left open to make connecting the tubing to the manifold easier. Electrical components such as zone controls and powerheads may be installed within the cabinet, see dimensional charts on the last page of this instruction for fit.

### Site Preparation

1. Frame the wall opening for the manifold cabinet using the dimensions below. (Minimum wall depth is 4½")

Part Number	Framing Width	Framing Height
15800	22 ¾"	28 ⅛" - 35 ⅛"
15801	28 ½"	28 ⅛" - 35 ⅛"
15802	46 ⅛"	28 ⅛" - 35 ⅛"

**Note:** The dimensions above reflect an additional ⅛" added to the height and width of the wall opening to make inserting the cabinet easier. The height of the framed wall opening is dependent on the adjustment of the legs.

### Manifold Cabinet Preparation

1. Remove the manifold cabinet from its packaging.
2. Remove the front door and the door frame.
3. Remove the slide-out bottom kick plate.
4. Remove the knockouts that you plan to use.
- 4a. The manifold cabinet can be drilled in the event the knockouts do not align with manifold piping. Be sure to remove any sharp edges or burrs left behind after drilling.
5. Loosen the leg mounting hardware.
6. Using an ⅛" drill bit, drill the metal enclosure for the mounting screws (Typically this would be done 2" down from top and 9" up from bottom.)

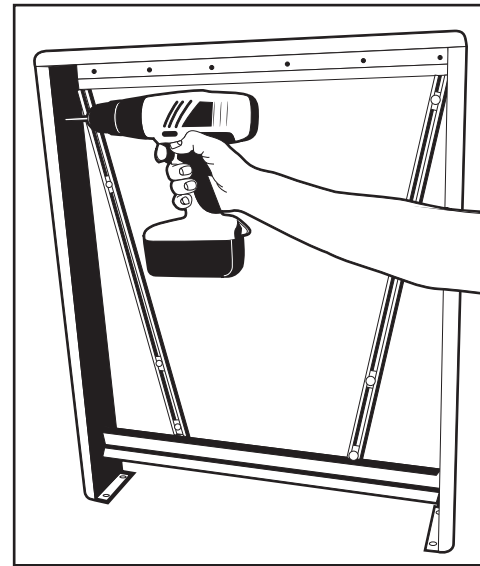


Figure 1

### Mounting the Cabinet

1. Slide the cabinet into the wall opening.
2. Lift up the cabinet so that the top of the box is flush with the top of the wall opening. If necessary, slide the legs down until they rest on the floor and tighten the wing nuts.
3. Keep the front edge of the box even with the framing members.
4. Using 1¼" screws, attach the cabinet to the framing members in the previously drilled holes, additionally the legs may be attached to the floor if desired.
5. Using the knockouts or drilled holes as a guide, drill the framing members to accommodate the manifold piping. (Follow local building codes when drilling or notching.)

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## Attaching the Manifold

1. Insert the manifold into the cabinet.
2. Using the hangers provided with the manifold, attach the manifold to the cabinet rails by inserting the manifold mounting holes onto the manifold mounting bolts. See *Figure 2a*.
3. Install all four nuts and tighten. See *Figure 2b*.
4. Adjust the location of the manifold with the adjustable rails, making sure the manifold aligns with the holes on the side of the manifold cabinet. If a zone control is to be used; position your manifold to the side, leaving room for the zone control. See *Figure 2c*.

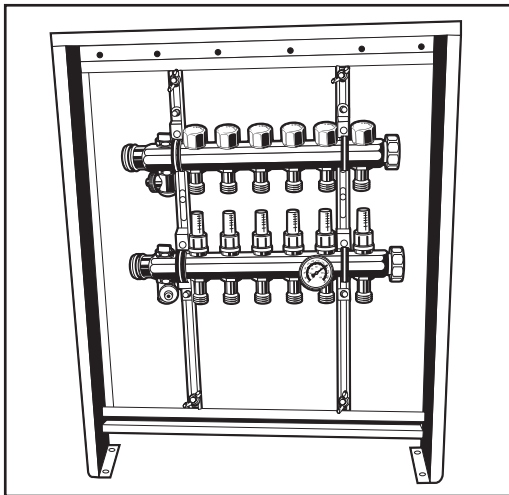


Figure 2a

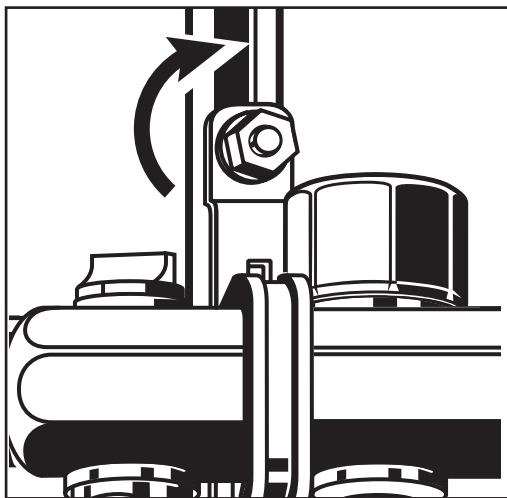


Figure 2b

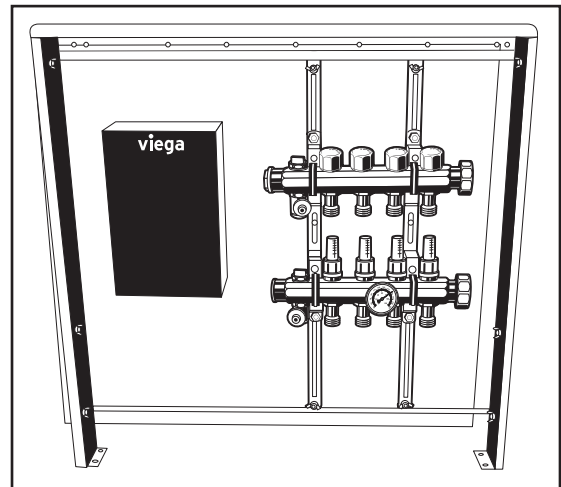


Figure 2c

5. Once the location of the manifold has been confirmed fully tighten the mounting hardware.
6. Connect the inlet and outlet piping to the manifold.

**Note:** Be sure the manifold supply/return piping does not contact the cabinet as it enters or exits the cabinet. If the piping comes into contact with the cabinet the sheet metal should be trimmed.

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## Attaching the Door Frame

1. Install the bottom kick plate by sliding the ears into the retainers within the manifold cabinet.
2. Locate the door frame brackets on the inside of the door frame and turn them 90° so they are facing the enclosure.

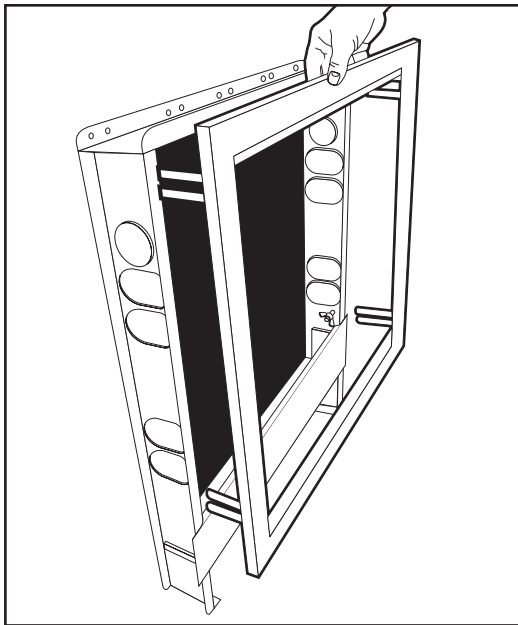


Figure 4

3. Slide the door frame brackets towards the manifold cabinet studs until they attach to the manifold cabinet. See Figure 4.
4. Push the door frame in so that it is even with the front of the manifold box and is flush with the wall surface.
5. Tighten the four wing nuts, securing the door frame.
6. Verify all heating, electrical and mounting hardware connections are properly tightened.

## Installing the Lock Assembly

*(if applicable, locks are sold separately)*

1. Place the door face down on a flat surface.
2. Locate the retaining wedge on the back side of the knob.
3. Insert the blade of a small screwdriver under the lip of the retaining wedge and pry the wedge out. See Figure 5a.

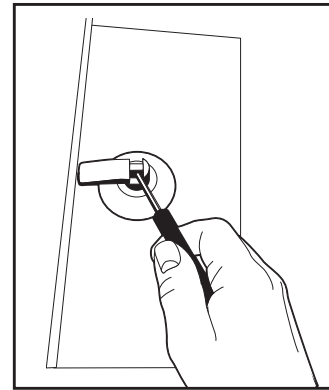


Figure 5a

4. Stand the door upright.
5. With a small pair of pliers squeeze the two triangular tabs together while simultaneously pushing the back of the knob out the front of the cabinet door.
6. Slide the lock cylinder through the front of the door. See Figure 5b.

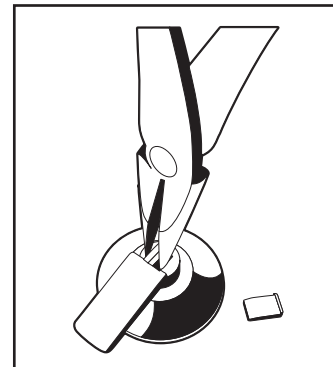
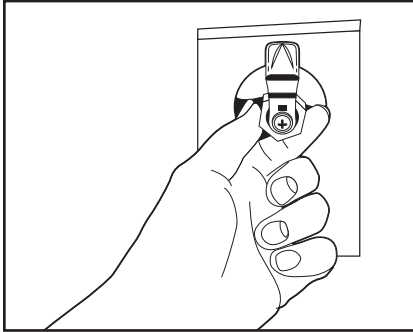


Figure 5b

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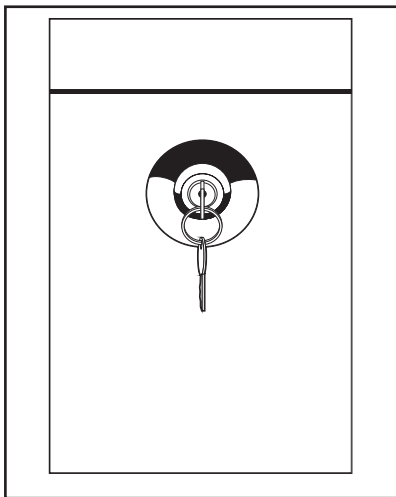
7. Be sure to position the lock in the upright position and attach the plastic nut on the back side of the lock cylinder. See *Figure 5c*.



*Figure 5c*

8. Using a pair of pliers lightly tighten the plastic nut.

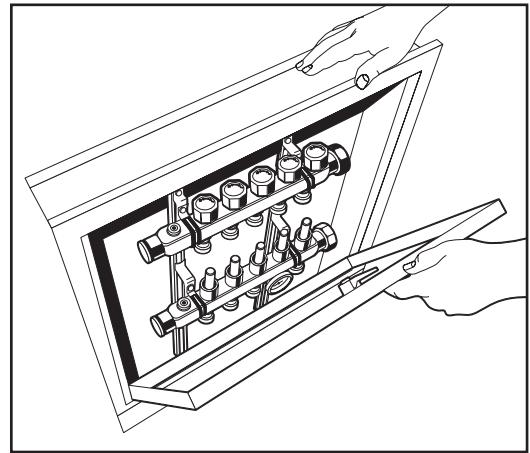
**Note:** Manifold cabinet (part number 15802) requires 2 lock sets be used.



*Figure 5d*

## Installing the Door

1. Tilt the door at a 45° angle.
2. Insert the bottom of the door into the bottom of the door frame. See *Figure 6*.
3. Push the top portion of the door flush into the frame and turn the knob or lock to secure the door.



*Figure 6*

# Product Instructions



## Dimensional Information

1 1/4" Stainless Steel Manifold Dimensional Information							
Part No.	Interior box width	Exterior box width	1 1/4" stainless steel manifold with no accessories	1 1/4" stainless steel manifold with ball valve set	1 1/4" stainless steel manifold with ball valve set and adapters for flow through	1 1/4" stainless steel Manifold with no Accessories and Zone Control	1 1/4" stainless steel manifold with ball valve set and Zone Control
15800	21"	22 5/8"	2-6 outlet manifold	2-5 outlet manifold	2-4 outlet manifold	2 outlet manifold	N/A
15801	27"	28 3/8"	2-9 outlet manifold	2-8 outlet manifold	2-7 outlet manifold	2-4 outlet manifold	2-3 outlet manifold
15802	45"	46"	2-12 outlet manifold	2-12 outlet manifold	2-12 outlet manifold	2-12 outlet manifold	2-12 outlet manifold

Notes: If use of a zone control is necessary, hold the manifold to the right and install the zone control on the left side of the manifold cabinet. Use of a zone control in the manifold cabinet is not compatible with flow through applications.

1" Copper Manifold Dimensional Information				
Part No.	Interior box width	Exterior box width	1" Copper manifold No Accessories	1" copper manifold with ProPress ball valve and end cap
15800	21"	22 5/8"	2,3,4 outlet manifold	N/A
15801	27"	28 3/8"	2,3,4 outlet manifold	2,3,4 outlet manifold
15802	45"	46"	2,3,4 and 12 outlet manifold	2,3,4 and 12 outlet manifold

Notes: Copper manifolds are available in 2,3,4, and 12 outlet configurations. Manifold brackets are sold separately for copper manifolds.

**Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with our products' proper use and installation. *Installation by non-professionals may void Viega LLC's warranty.***

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**Viega LLC, 12303 Airport Way, Ste. 395 • Broomfield, CO 80021 • Ph: 800-976-9819 • Fax: 800-976-9817**