



INSTALLATION GUIDE · LIVING ROOM

Entertainment Center Installation Guide

Brushhollow built-in entertainment centers: bases, 63" and 75" upper towers, and bridges.

APPLIES TO

Entertainment center bases

63" upper towers (8' ceilings)

75" upper towers (9' ceilings)

Bridges (12", 18" and 24" tall)

IN THIS GUIDE

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A Brushhollow entertainment center is a built-in: base cabinets along the floor, a countertop that you supply, tall upper towers that stand on the countertop, and a bridge that spans the space above the TV. This guide covers planning and installation. Installing the bridge is a contractor-level job; if you are not comfortable with it, hire a qualified installer.

1 The system at a glance

Bases	28-1/2" tall and 18" deep to the face of the frame. There is no toe kick, just a flat 3-1/2" front trim at the floor (front only; at an exposed end, the cabinet side runs to the floor). One 2-1/2" cord grommet in the back of each base.
Countertop	Not included. The bases are designed for a continuous 1-1/2" top, for a 30" total height. The upper towers stand on this top.
Upper towers	63" tall for 8' (96") ceilings, or 75" tall for 9' (108") ceilings. 12" deep to the face of the frame. Open shelving or doors. Hidden nailers behind the back screw into wall studs.
Bridges	Span between two towers above the TV, with their tops flush with the tower tops. 24" tall with doors (8' or 9' ceilings), 12" tall open (8' ceilings only) and 18" tall with doors (9' ceilings). 60", 72", 84" and 96" wide. 96" bridges ship as 3 modules of 32-1/2" that you join on site.
18" bridges (9' set)	Bottom at 87" off the floor, giving 57" of clear height above a 30" countertop. Clear width equals the bridge face width. Door openings 14" tall, 15-3/4" clear inside, no shelf.
Heights	Top of towers and bridge: 93" off the floor with 63" towers, or 105" with 75" towers. This leaves a 3" gap below an 8' or 9' ceiling for trim that you supply.
Construction	3/4" nominal Baltic birch boxes, 1/4" birch plywood backs in grooves, poplar face frames flush inside with a 25/32" overhang outside
Doors and hardware	Flat-panel Shaker doors on 110-degree face-frame hinges. Pulls and knobs are not included, and doors ship undrilled.
Lead time	Built to order. See website for current lead times.
Surface	Rough-sanded flat to 120 grit with major blemishes filled. You finish-sand before priming and painting (see the Painting & Finishing Guide).

2 Safety and tip-over prevention

⚠ TIP-OVER HAZARD

Upper towers are tall, narrow and top-heavy. A tower that is not screwed into wall studs can tip forward and cause serious injury or death, especially to children. **Anchor every tower and every base to wall studs before you load it, before you let go of it for the day, and before anyone else uses the room.**

- Always use at least two people to move, stand up and set an upper tower or a bridge. Larger towers and the assembled 96" bridge are heavy.
- Never put books, equipment or a TV on a tower or base that is not yet fastened to the wall.
- Fasten into wood studs with cabinet screws. Drywall anchors alone are not acceptable. For metal studs or masonry walls, use fasteners rated for that wall and for the load, or ask a professional.
- Secure the TV itself. Use a wall mount fastened to studs, or the TV maker's anti-tip strap. Do not let children climb on the cabinets or open doors to stand on shelves.
- Find pipes, wires and ducts before drilling. Electrical work, including new outlets and in-wall power for a TV, must meet local code and should be done by a licensed electrician where required.
- Wear safety glasses when drilling or driving screws, and use a stable ladder for work above the countertop.

3 Plan the wall

- 1 **Measure the wall width.** Measure at the floor, at about 30" and near the ceiling. Use the smallest measurement. Unit widths are face-frame widths, and the units are sized so that face-frame widths add up to the wall width. Check that inside corners are square enough for your layout.
- 2 **Measure the ceiling height.** Measure in several places along the wall, at the wall and about 12" out. Use the lowest reading.
 - **8' ceiling (96"):** use 63" towers. With the 30" base-and-countertop height, the tops are at 93", leaving 3".
 - **9' ceiling (108"):** use 75" towers. The tops are at 105", leaving 3".
- 3 **Note outlets, switches and vents.** Mark where they fall relative to each unit. Openings can be cut in the backs, but plan them now, together with the TV power and cable locations.
- 4 **Check the floor.** Find the high spot along the wall (see section 6). All heights are set from it.

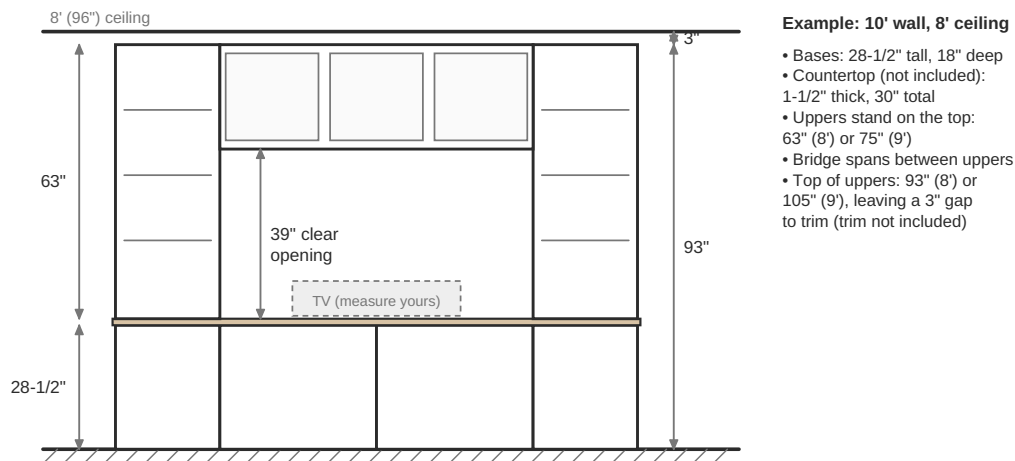


Figure 1. Example 10' wall on an 8' ceiling with 63" towers and a 72" x 24" bridge. With 75" towers on a 9' ceiling, the tops are at 105". The clear opening under each bridge is listed on its product page.

⚠ CAUTION: ROOM TO STAND THE TOWERS UP

A tower is tipped upright and then set onto the countertop. Because the tower is 12" deep, its diagonal is slightly taller than the tower itself, and only 3" is left at the ceiling. Tilt the tower into place from the front, with care, and check for light fixtures, beams and soffits before you start.

4 Measure your TV

The entertainment center is not designed around any particular TV size. TVs of the same screen size vary by brand and model, so measure your own TV, or check the maker's dimension sheet, before you order.

- 1 Measure the TV itself:** the overall width and height of the frame, not the diagonal screen size. Also measure its depth.
- 2 If the TV stands on its own legs or stand,** measure the total height on the stand and the stand's footprint (width and depth). The bases are 18" deep, so make sure the stand fits on your countertop, or plan to wall-mount the TV.
- 3 If the TV will be wall-mounted,** add the mount's depth and plan the mount height. The mount must be fastened to studs per its instructions.
- 4 Compare with the clear opening.** Each bridge's product page lists its clear opening: the width between the two tower face frames, and the height from the top of the countertop to the bottom of the bridge. For example, the 24" bridge gives a 39" high opening with 63" towers and a 51" opening with 75" towers. The 12" open bridge (8' ceilings only) gives 51". The 18" bridge (9' ceilings) gives 57". On every bridge, the clear width equals the bridge face width. Without a bridge, the space between the towers is open above the countertop.

- 5 Leave clearance.** On a stand, allow at least 2" on each side of the TV and at least 2" above it. Wall-mounted, allow at least 2" on each side and at least 4" of total height: 2" above and 2" or more below. Allow more if the TV maker asks for ventilation space or you plan a soundbar. Always measure your TV.

⚠ CAUTION

Tower doors next to the TV open toward it on 110-degree hinges, sometimes with only a few inches of space beside the TV. Open those doors with care, and allow for them when you choose the TV width.

Planning worksheet

Wall width (floor / 30" / top)

Ceiling height, lowest reading

Floor high spot location

TV width x height x depth (frame)

TV height on stand / stand footprint

Bridge clear opening (from product page)

Outlet, cable and switch locations

5 Tools and materials

- 4' level and a 2' level, or a laser
- Tape measure, pencil, straightedge
- Stud finder
- Drill/driver and impact driver, countersink bit
- Bar clamps or face-frame clamps (4 or more)
- Hole saw or oscillating tool for openings in backs
- Step ladder; padded sawhorses or blankets
- Safety glasses, gloves, hearing and dust protection
- #10 cabinet screws, 3" long, for fastening into studs
- 2-1/2" screws for joining face frames
- 1-1/4" screws for joining box sides (bridge modules, bridge to towers)
- Shims
- Lumber for a temporary bridge support
- Countertop and its fasteners (not included)
- Ceiling trim, shoe molding (optional, not included)
- LED channel and strip, if used (both not included)

6 Layout lines

- 1 **Mark every stud** along the wall from the floor to the ceiling.
- 2 **Find the floor high spot** along the wall and about 18" out.
- 3 **Draw the base top line** 28-1/2" above the high spot. Draw a second line at the top of the countertop (30" with a 1-1/2" top).
- 4 **Mark unit positions.** Mark the face-frame edges of each base and tower. Mark the tower positions carefully: the gap between the two tower face frames must equal the bridge's face width (for example, 72" for a 72" bridge).

7 Set the bases

- 1 **Remove the doors and shelves** (optional) to lighten the cabinets, and label them by location.
- 2 **Cut any openings** in the backs for outlets or cables before setting the base (see section 8).
- 3 **Set the first base** at its marks, starting at a corner or at the high spot. The sides run to the floor, so shim under the sides, front and back, until the base is level both ways and its top is on the base top line.
- 4 **Set and join the next base.** Clamp the face frames together with the faces and tops flush. Pre-drill, countersink and drive 2-1/2" screws from the opening edge of one stile into the next, where the doors will cover them. Two 1-1/2" stiles side by side form a 3" double stile; this is normal.
- 5 **Anchor to the wall.** Drive #10 x 3" cabinet screws through the back into the hidden upper nailer, which is behind the back in the top 3" of the box, and into each stud. Shim behind the nailer wherever there is a gap to the wall. Anchoring matters most where a TV will sit on top.
- 6 **Cover gaps at the floor.** If the floor dips, small gaps can show under the front trim. Cover them with shoe molding (not included) after the floor and cabinets are finished.

8 Cord management

Each base has one 2-1/2" cord grommet in the back, centered on the width, with its center 23" off the floor. Equipment up to 16-1/4" deep fits inside (the inside depth); leave room for plugs and cables.

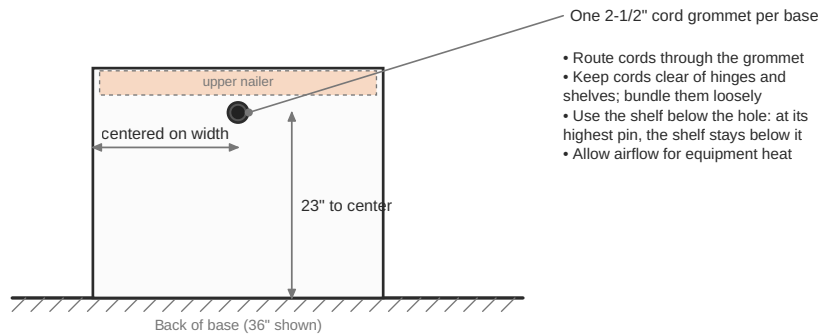


Figure 2. Grommet location on the back of a base. The shelf, even at its highest pin, sits below the hole.

- Plan the power: an outlet behind or near the base, and a separate power and cable path for a wall-mounted TV. Use a TV power kit or wiring method that is rated for use inside walls. Do not run ordinary power cords inside a wall.
- Route cords through the grommet, and keep them clear of hinges, doors and shelf pins. Bundle them loosely, and do not pinch them between a cabinet and the wall.
- Equipment makes heat. Leave space around each component, follow the equipment maker's ventilation guidance, and open the doors during long use if components run warm.
- If you need another opening, drill it in the 1/4" back with a hole saw, away from the hidden nailers, and before you paint if possible.

9 Countertop

The countertop is not included. The bases are designed for a 1-1/2" top, for a 30" finished height, and the upper towers stand on it.

- Use one continuous, flat top across the run, strong enough to carry the towers and whatever is placed on them.
- Check that the bases are level along the full run before the top is templated or installed.
- Fasten the top to the bases following the countertop maker's or fabricator's instructions.

10 Anchor the upper towers

⚠️ ANTI-TIP: THE MOST IMPORTANT STEP

A tower is top-heavy until both of its nailers are screwed into studs. Keep a helper holding the tower until it is fastened. Do not load shelves until the tower is anchored.

- 1 Stand the tower up** on a padded floor, with two people, and check your ceiling clearance (see section 3).
- 2 Set it on the countertop** at its marks, tight to the wall. Check that the face frame is plumb and the sides are plumb. Shim behind the nailers at any wall dips.

- 3 **Set the spacing for the bridge.** If a bridge goes between two towers, the gap between their face frames must equal the bridge's face width, both at the countertop and at the top. Keep the tower sides parallel, and dry-fit the bridge before final fastening.
- 4 **Fasten into studs.** Drive #10 x 3" cabinet screws through the back into the hidden top nailer and the hidden bottom nailer at each stud. Each nailer is a 3" strip behind the back. The 75" open-shelving towers also have a hidden mid nailer; screw it into the studs too.
- 5 **Fasten the tower to the countertop** with a method that suits the top material. For a wood top, short screws down through the tower bottom work well; make sure they cannot come through the underside. For stone or solid-surface tops, ask your fabricator for a suitable method.
- 6 **Join neighboring towers.** Where two towers stand side by side, clamp and screw their face frames together as you did with the bases.

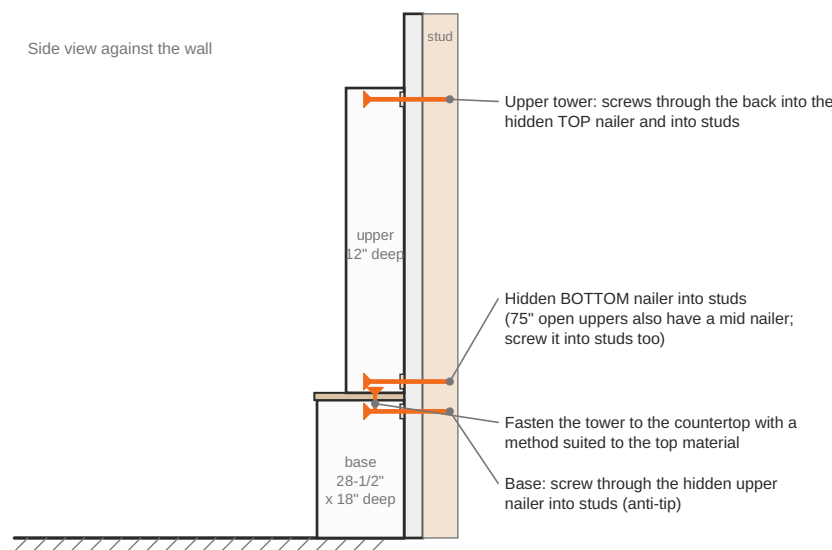


Figure 3. Side view: the base and the tower are both screwed into studs through their hidden nailers, and the tower is fastened to the countertop.

11 Install the bridge

The bridge box sits between the tower sides, tucked behind the tower face frames, so the bridge face is flush with the tower faces and its top is flush with the tower tops. It is screwed through the tower sides, and its hidden rear nailers screw into wall studs.

i GENERAL GUIDANCE

The bridge steps below are general guidance for a contractor-level install. Site conditions vary; a qualified installer may use other methods suited to your wall.

Joining the three modules of a 96" bridge (general guidance)

- 1 **Lay out the three 32-1/2" modules** in order on a flat, padded surface, such as blankets on the floor or padded sawhorses.

- 2 **Align each seam.** Push two modules together so that the tops, bottoms and front faces are flush. Clamp them at the front and back.
- 3 **Pre-drill and screw** through the side-by-side module sides with 1-1/4" screws (the two sides together are about 1-7/16" thick). Space the screws evenly from top to bottom: 4 per seam on 24" tall bridges, and 3 per seam on 18" and 12" bridges.
- 4 **Repeat** for the second seam. The 3/4" seam stiles on the two modules form a 1-1/2" mullion when joined.

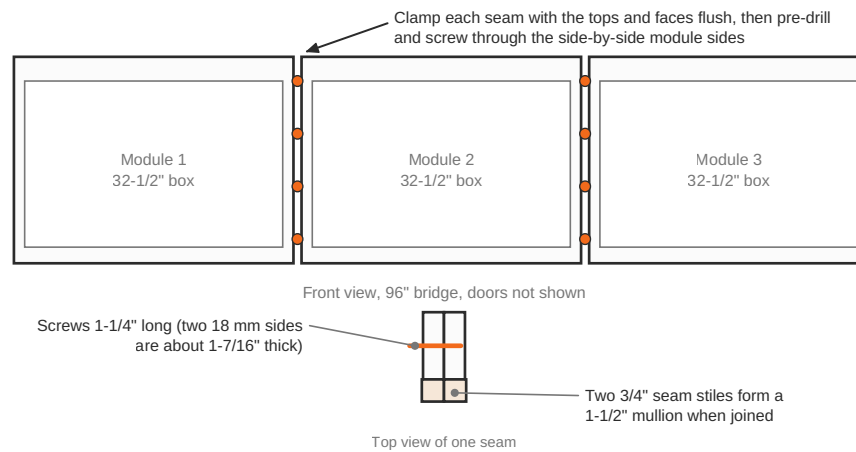


Figure 4. The 96" bridge ships as three 32-1/2" modules. Clamp each seam flush, then screw through the paired sides.

Setting the bridge (general guidance)

- 1 **Fasten the towers first.** Both towers must be fully anchored before the bridge goes in.
- 2 **Provide a temporary support.** Screw a ledger board into studs with its top at the height of the bridge bottom, or cut props to length to stand on the padded countertop. The bridge then rests in position while you fasten it.
- 3 **Lift the bridge into place** with enough helpers for its weight. If lifting a joined 96" bridge is not practical, set the modules on the support one at a time and join them in place.
- 4 **Fasten through the towers.** Check that the bridge face is flush with the tower faces and its top is flush with the tower tops. Pre-drill through each tower side into the bridge end side and drive 1-1/4" screws: 4 per end on a 24" tall bridge.
- 5 **Fasten to the studs.** Drive #10 x 3" cabinet screws through the back into the hidden rear nailers at each stud. Then remove the temporary support.

12 LED channel

Every bridge has a 3/4" lip along its underside, formed by the front bottom rail. The lip is designed for a surface-mounted LED channel over the TV opening. **The LED strip and the LED channel are both not included.**

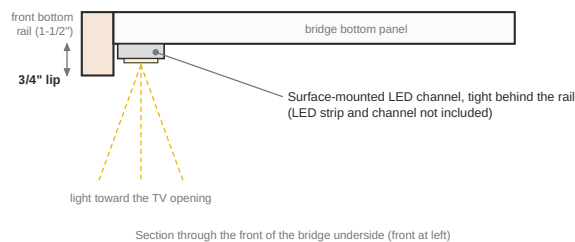


Figure 5. Mount the LED channel to the underside of the bridge bottom, tight behind the front rail.

- Plan the wire route and the power supply (driver) location before you paint, for example through a small hole in the bridge back into a tower or the wall.
- Follow the LED maker's instructions and local electrical code. Use components listed for the purpose, and get a licensed electrician to make any connection to household wiring.
- Depending on where you sit and the height of the bridge, the channel may be visible from below.

13 Finishing touches and final checks

- **Ceiling gap:** close the 3" gap above the towers and bridge with crown molding or a scribe strip (not included).
- **Exposed tower sides:** the inside faces of the towers between the countertop and the bridge are visible. Finish them like the rest of the cabinets.
- **Doors:** adjust the 110-degree hinges for even 1/8" gaps between pairs. See the Hardware & Hinge Adjustment Guide.
- **Hardware:** doors ship undrilled; drill for your pulls after finishing, using a template.
- **Shelves:** set every shelf on four fully seated pins.
- **Final check:** every base and tower is anchored into studs, the bridge is screwed to both towers and the studs, and the TV is secured.

Questions? Contact RTP Cabinets: RTPCabinets.com/contact

Please include your order number, and photos or measurements if your question is about your layout.

Disclaimer. This guide gives general information for installing RTP Cabinets entertainment center products. It does not replace the instructions supplied with TV mounts, LED lighting, fasteners, countertops or electronics, which you should always follow. Local building and electrical codes apply and take precedence over this guide. Conditions in every home are different; if you are unsure about any step, consult a qualified professional. We cannot guarantee that a particular TV will fit; always measure. Specifications are as of October 2026 and may change. See each product page at RTPCabinets.com for current details.