

IMPORTANT

This diagram is not to scale.
 It has been reduced. You need
 to transfer the dimensions to
 the side panels!

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Mounting Instructions

HÄFELE

Item No.: 271.92.130

Bed-lift, Queen-size



General Information, Dimensions and Specifications

- Use a foam rubber mattress without box spring **not to exceed 35 lbs (16 kg.)**. See Häfele's Queen-size mattress Item No. 271.65.540 **Mattress Dimensions:** Queen-size: 60" x 80" (1524 x 2032 mm)
Thickness: 4 3/4" - 5 1/2" (120 - 140 mm)
Density: 2.5 lbs/cu. ft.
- Cabinet and front panel should be constructed of 3/4" (19 mm) particle board or material of equal weight so bed mechanism is properly balanced. **Approximate weight of front panel should = 100 lbs.**
- **Total weight of both mattress and front panel cannot exceed 135 lbs.** If weight is less an additional counter-balance may have to be added (provided by end user). Gas pistons cannot be adjusted for weight variations.
- Inside cabinet dimensions must be observed and square before installation of frame. See **Dia. A.**
- Toekick heights from 3" - 3 3/4" (75 - 95 mm) and must be beveled approx. 45° as in **Dia. B.**
- Bed cabinet must be securely fastened to wall to guard against tipping. Use the included safety wall mounting brackets

Parts List:

- 2 Safety-right angle-wall mounting brackets w/bolts
- 2 Mounting brackets
- 4 Z-brackets for mounting front panel to frame
- 1 Chrome-plated mattress stop
- 6 Mattress straps (3 curved clasps and 3 flat clasps)
- Appropriate bolts, nuts and screws

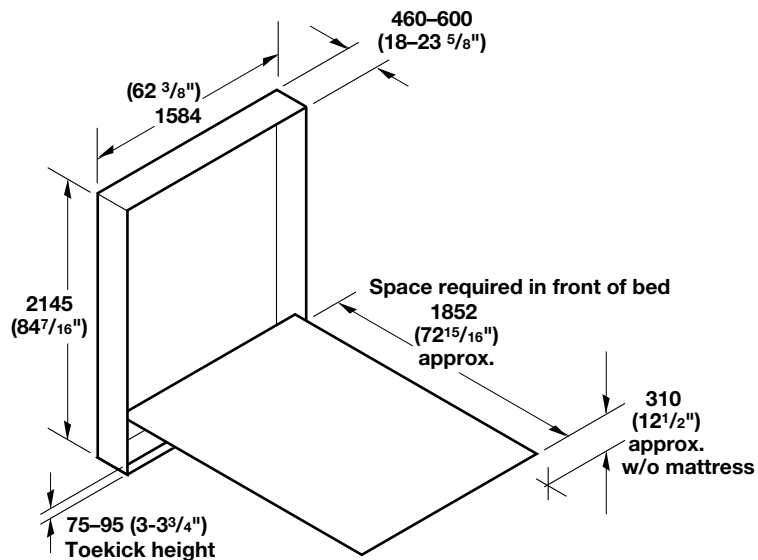


Diagram A

Inside Cabinet Measurements:

Vertical Height: **2145 mm (84 7/16")**

Depth: **460 mm (18")**

Width: **1584 mm (62 3/8")**

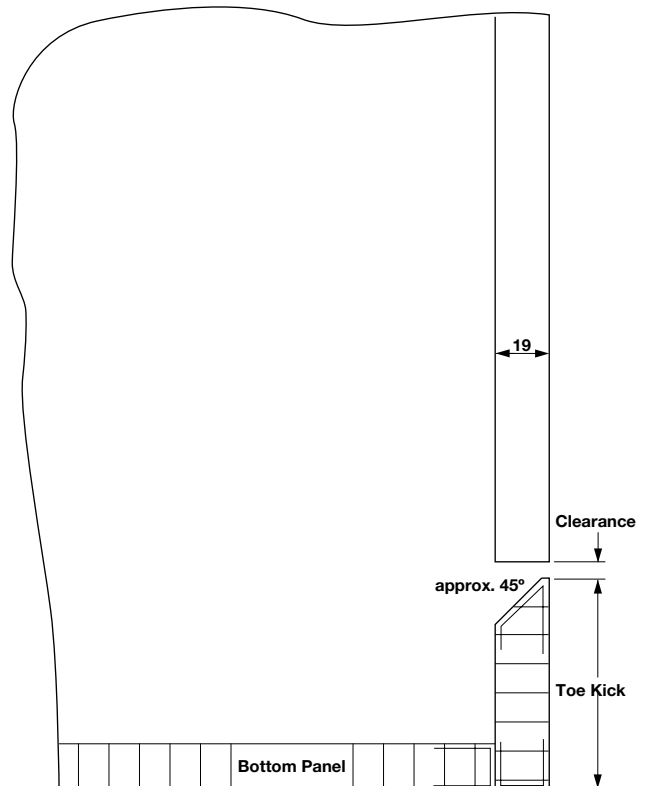


Diagram B

Mounting Instructions

- 1). Build cabinet adhering to the inside dimensions given in **Dia. A**. Before cutting front panel it is recommended that cabinet be built and mounted securely to the wall with the bed mechanism installed before sizing front panel. This assures that the mechanism is working properly first and only then can the front panel be properly fitted inside the opening.
- 2). Mark drilling positions on both inside panels using the included template. **Dia. 1**
- 3). Drill 3/8" (9 mm) holes all the way through side panels, **Dia. 2** and counter sink outside edges.
- 4). Fasten the two mounting brackets with the bolts provided as in **Dia. 3**
- 5). Slide bed frame onto mounting brackets and hook over the studs. Fold bed frame up to the vertical position aligning holes. Insert remaining 5 bolts and tighten securely **Dia. 4**.

Caution: Before testing be absolutely sure cabinet is securely anchored to wall. Keep fingers clear from folding feet and mechanism while folding. If front panel or mattress are too heavy, bed may fall too quickly.

Note: At this point bed frame will spring to the wall very quickly and conversely will be difficult to pull down. Only after the additional weight of front panel and mattress have been added will ease of operation be achieved.

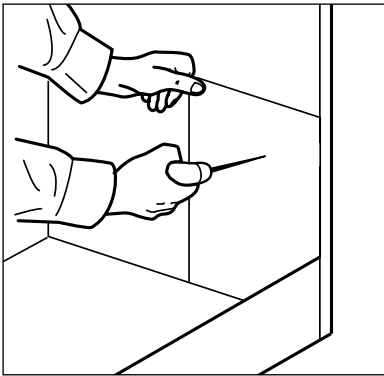


Diagram 1

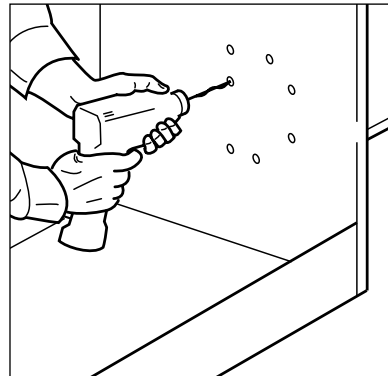


Diagram 2

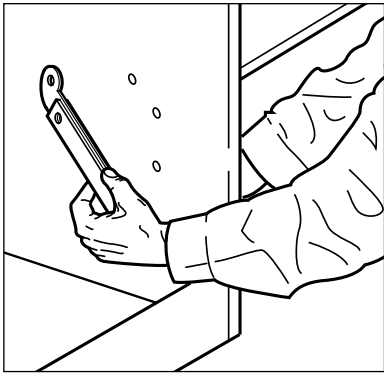


Diagram 3

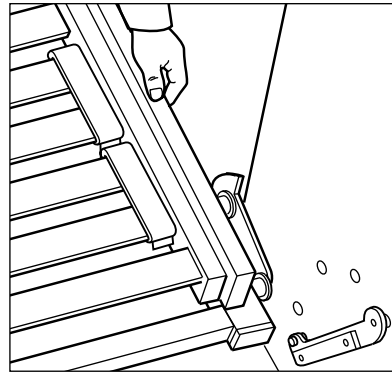


Diagram 4

- 6). Mount front panel to frame. Front panel should be cut to allow for a minimum of 1/8" (3 mm) gap around all edges of cabinet. Screw M4 set screws into top of Z-Brackets which allow for adjustment and alignment of front panel. Attach Z-Brackets to front panel so they will line up and hook over top and bottom rails of bed frame. Final attachment is with wood screws through holes in frame. **Be sure front panel is securely fastened before operation of frame.**
- 7). To adjust the speed at which the bed is closing (dampening effect), adjust the nut at the end of the sleeve which holds the gas piston using a 17 mm wrench. If the bed is in the closed position, adjustment by hand is possible by just turning the entire sleeve. Also needed is an additional wood strip (stop) to be added under the top panel to ensure that the bed closes absolutely vertical.
- 8). Attach chrome-plated mattress stop through the two holes in the front of the frame using capped nuts and washers provided. This will keep the mattress from sliding down as the bed is folded vertical.
- 9). Place mattress on frame and secure with bedding straps. Loop curved clasp on one side around the frame and back through itself. Repeat on the opposite side with the flat clasp. Stretch both over the mattress and hook together. Tighten over mattress via adjustment on strap.