

IRONAWAY®

Built-In Ironing Centers

Installation Instructions

| Models |
|---------------|
| A-46 |
| A-42 |
| E-342 |
| NE-342 |
| NE-242 |

Recessed Mounting Instructions

Surface Mounting Instructions

Electrical Instructions

| Tools Needed |
|--------------------------------|
| Stud Finder (Optional) |
| Carpenter's Level |
| Tape Measure |
| Utility Knife |
| Phillips Screwdriver |
| Small Flat Head Screwdriver |
| 1/4" Nut Driver (Optional) |
| Drill (Electric Recommended) |
| 1/8" Drill Bit |
| 1/4" Drill Bit (Surface Mount) |
| Safety Glasses |

***Rough-In Kit available for use prior to drywall being installed.
Great for new construction or open wall reconstruction when remodeling.***

***Rough-In Kit simplifies installation at a later date when room completed
and wall coverings and trim have been applied.***

Recessed Mounting

NE-242 Models Not Available for Recessed Mounting

- Determine desired ironing board height using the chart below. Care should be taken to ensure the unit will be mounted at the desired ironing board height.

| Opening Height Above Floor | A-46 | | A-46 with Optional Swivel | | A-42 E-342 with Optional Swivel NE-342 with Optional Swivel | | E-342 NE-342 |
|-------------------------------|-------------------------|----------------------|---------------------------|----------------------|---|----------------------|-------------------------|
| | Ironing Board Height | | Ironing Board Height | | Ironing Board Height | | Ironing Board Height |
| | Regular Position | Adjusted Position | Regular Position | Adjusted Position | Regular Position | Adjusted Position | Regular Position |
| 30" | | | | | | | 37" |
| 29" | | | | | | | 36" |
| 28" | | | | | 35" | 39" | 35" |
| 27" | | | | | 34" | 38" | 34" |
| 26" | | | | | 33" | 37" | 33" |
| 25" | | | | | 32" | 36" | |
| 24" | | | 37" | 41" | 31" | 35" | |
| 23" | 37" | 33" | 36" | 40" | | | |
| 22" | 36" | 32" | 35" | 39" | | | |
| 21" | 35" | 31" | 34" | 38" | | | |
| 20" | 34" | 30" | 33" | 37" | | | |
| 19" | 33" | 29" | | | | | |

- Using a stud finder, locate the wall studs to be used for mounting.
- Locate the existing wiring or other utilities in the wall to prevent drilling into or severing a wire or other utility during installation.
- Determine the desired location has adequate clearance for ironing. Door opens approximately 180°. Allow at least 16" from side of cabinet for door to swing open.

| | A-46 | A-46 with Optional Swivel | E-342 NE-342 | A-42 E-342 with Optional Swivel NE-342 with Optional Swivel |
|---|------|---------------------------------|-----------------|---|
| Distance from Wall to Tip of Ironing Board | 45" | 50 1/4" | 41" | 46 7/8" |
| Swivel Clearance from Cutout Opening of Cabinet | N/A | 16 7/8" | N/A | 14 5/8" |
| Distance from Wall in Full Swivel Position | N/A | 32 1/4" | N/A | 32 5/8" |
| Standing Area Clearance ** | 24" | 24" | 24" | 24" |

** The recommended distance from the side of the ironing board where the user will typically stand to ensure adequate space for ironing

- Cut an opening in the wall per the opening sizes shown below

| Model | Opening Size |
|--------|----------------------------|
| A-46 | 14 1/4" x 59 7/8" x 3 7/8" |
| A-42 | 14 1/4" x 47 1/8" x 3 7/8" |
| E-342 | 14 1/4" x 47 1/8" x 3 7/8" |
| NE-342 | 14 1/4" x 47 1/8" x 3 7/8" |

- Attach 2" x 4" cross support cleat between the studs, level with the bottom of the opening
- The cabinet will be attached to studs using four screws, one in each side at the top of cabinet and one in each side at bottom of cabinet. Using a 1/8" drill bit, pre-drill pilot holes approximately 14" from the top of the cabinet and 1 1/2" from the back of the cabinet. For models without a swivel, pre-drill pilot hole approximately 14" from the bottom and 1 1/2" from the back of the cabinet. For models with a swivel board, complete Steps 8, 9, and 10 before pre-drilling pilot holes for bottom location
Note: If an electrical model is being installed, the temporary removal of the electrical wireway may be helpful to complete this step. Reinstall electrical wireway after cabinet is attached to studs.
- If installing an electrical model, please review Electrical Instructions now. If installing a non-electrical model do not install your own electrical outlet inside cabinet. Warranty voided if independent electrical outlet installed within non-electrical ironing center cabinet.
- Begin installation by carefully lifting ironing center into the wall opening
- Plumb and level the cabinet. Shim to fit.
- For models with swivels, continue with Step 12. For models without swivels, attach cabinet to studs using the four pre-drilled holes with four #10 x 1 1/2" screws. Once complete, continue to Step 13.
- Attach cabinet to studs using the two pre-drilled holes and two #10 x 1 1/2" screws for the top installation. Locate the side ironing board brackets that are secured to the cabinet with three screws each. Remove the top screw only from each side bracket. Use this location to pre-drill pilot holes for bottom installation location. Pre-drill a pilot hole through top hole in each bracket into stud. Finish attaching cabinet into studs using the #14 x 2 1/2" screws for the just completed two pre-drilled holes in each side bracket
- Decorative trim may be added to cover any irregular cuts when making opening for ironing center

Surface Mounting

When surface mounting recessed units, it is recommended a trim kit be installed.

1. Determine desired ironing board height using the chart below. Care should be taken to ensure the unit will be mounted at the desired ironing board height.

| Opening Height Above Floor | A-46 | | A-46 with Optional Swivel | | A-42 E-342 with Optional Swivel NE-342 with Optional Swivel NE-242 with Optional Swivel * | | E-342 | NE-242 |
|-------------------------------|-------------------------|----------------------|---------------------------------|----------------------|--|----------------------|-------------------------|-------------------------|
| | Ironing Board Height | | Ironing Board Height | | Ironing Board Height | | Ironing Board Height | Ironing Board Height |
| | Regular Position | Adjusted Position | Regular Position | Adjusted Position | Regular Position | Adjusted Position | Regular Position | Regular Position |
| 30" | | | | | | | 37" | 35" |
| 29" | | | | | | | 36" | 34" |
| 28" | | | | | 35" | 39" | 35" | 33" |
| 27" | | | | | 34" | 38" | 34" | 32" |
| 26" | | | | | 33" | 37" | 33" | 31" |
| 25" | | | | | 32" | 36" | | |
| 24" | | | 37" | 41" | 31" | 35" | | |
| 23" | 37" | 33" | 36" | 40" | | | | |
| 22" | 36" | 32" | 35" | 39" | | | | |
| 21" | 35" | 31" | 34" | 38" | | | | |
| 20" | 34" | 30" | 33" | 37" | | | | |
| 19" | 33" | 29" | | | | | | |

* Note: NE-242 with Swivel Option does not adjust in vertical height.

2. Using a stud finder, locate the wall stud to be used for mounting. Stud should be located as close to the center of cabinet as possible.
3. Locate the existing wiring or other utilities in the wall to prevent drilling into or severing a wire or other utility during installation.
4. Determine the desired location has adequate clearance for ironing. Door opens approximately 180°. Allow at least 16" from side of cabinet for door to swing open.

| | A-46 | | A-42 E-342 with Optional Swivel NE-342 with Optional Swivel | | NE-242 | NE-242 with Optional Swivel |
|--|------|---------------------------------|---|---|--------|-----------------------------------|
| | A-46 | A-46 with Optional Swivel | E-342 NE-342 | E-342 with Optional Swivel NE-342 with Optional Swivel | NE-242 | NE-242 with Optional Swivel |
| Distance from Wall to Tip of Ironing Board | 49" | 54 1/4" | 45" | 51" | 44" | 47" |
| Swivel Clearance from Side of Cabinet | N/A | 16 7/8" | N/A | 14 5/8" | N/A | 14 5/8" |
| Distance from Wall in Full Swivel Position | N/A | 36 3/16" | N/A | 36 13/16" | N/A | 32 5/8" |
| Standing Area Clearance ** | 24" | 24" | 24" | 24" | 24" | 24" |

** The recommended distance from the side of the ironing board where the user will typically stand to ensure adequate space for ironing.

5. Using a 3/16", drill bit pre-drill a pilot hole into the wall stud where the cabinet will be attached to the wall taking care that the installation height is as desired.
6. Determine the proper mounting screw location inside cabinet so mounting position is located on wall stud as intended. Location for mounting screw should be as close to the center of the cabinet as possible.
7. Using a 1/4" drill bit, pre-drill hole in the upper and lower cross braces located inside the cabinet as determined in the previous step taking care that the holes in both braces are drilled to same measurement.
8. Partially start mounting #14 x 3 1/2" screw into upper cross brace for installation of ironing center.
9. If installing an electrical model, please review Electrical Instructions now. If installing a non-electrical model, do not install your own electrical outlet inside cabinet. Warranty voided if independent electrical outlet installed within non-electrical ironing center cabinet.
10. Begin installation by carefully lifting the ironing center into position.
11. Attach cabinet to wall by fully inserting the screw in the upper cross brace into the pre-drilled hole in the wall stud.
12. Plumb and level the cabinet. Shim if necessary. Tighten cabinet to wall by fully turning installation screw.
13. Insert second #14 x 3 1/2" screw into pre-drilled hole in bottom brace of cabinet and attach to wall making sure cabinet remains level and square.
14. Decorative trim may be added to cover any irregularity on wall.

Recommendation: On all adjustable swivel models, locate side ironing board brackets that are secured to the cabinet with three screws each. Remove the top screw only from each side bracket. Use this location to pre-drill pilot holes into trim. Insert into the two pre-drilled holes in each side bracket #14 x 1" screws (not included.)

ELECTRICAL INSTRUCTIONS

ALL ELECTRICAL WORK MUST BE DONE IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

WARNING: TURN OFF POWER AT SERVICE ENTRANCE BEFORE INSTALLING, WIRING OR SERVICING THIS PRODUCT.

Note: Opening in the top of the ironing center cabinet for the electrical supply wire is located 2 1/4" on center from left side of cabinet and 2 1/4" on center from the back of the cabinet.

1. Remove the two screws from the electrical wireway cover.

Note: Toward the top of the electrical wireway, loose black and white pigtails are provided for hookup to the supply line.

2. Remove the knockout at the wiring entrance location and install a romex connector where the knockout was removed.
3. Determine the supply wire is ample to run from the top of the ironing center cabinet to the approximate location of the electrical pigtails. A free wire length of approximately 48" is recommended.
4. As you are placing the ironing center into its location, feed the free supply wire through the romex connector attached to the electrical wireway.
5. After mounting of ironing center, connect all power supply wires and ground wires in accordance with all electrical codes.
6. Reinstall the two screws into the electrical wireway cover. Make sure no wires are pinched when reinstalling the cover.



IRON-A-WAY Inc.
220 West Jackson
Morton, IL 61550-1551
USA

Bus: (309) 266-7232
Fax: (309) 266-5088

www.ironaway.com