

IRON·A·WAY®

Built-In Ironing Centers

Installation Instructions

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

Recessed 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 irregularity on wall.

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. Open the front cover by removing the screw at the top and bottom of the electrical wireway.
2. **Note:** In the front cover of the electrical wireway, near the top, there is a loose black and a loose white wire pigtail that are provided for hookup to the electrical supply line.
3. Locate and remove the knockout at the top of the back cover of the electrical wireway and install a 3/8" romex connector where the knockout was removed.
4. Verify that there is ample supply wire available 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.)
5. Begin to place the ironing center into its location while feeding the free supply wire through the opening in the top of the ironing center cabinet and the 3/8" romex connector attached to the back cover of the electrical wireway.
6. Put into place and secure the ironing center cabinet as identified in Step 9 through 12 of the Recessed Mounting or Step 10 through 13 of Surface Mounting whichever mounting method is applicable.
7. Connect all power supply wires and ground wires in accordance with all electrical codes. Trim as necessary excess supply wire.

Note for Models A-46 and AL-42: Inside the front cover of the electrical wireway there is a yellow label that identifies the Electrical Supply Connection Area. Make certain that when wiring the ironing center, the wire nuts are placed and secured into the area identified by the yellow tag. If placement of wire nuts is located elsewhere, damage to the LED timer will likely occur.

8. Place into position the top cover of the electrical wireway making sure no wires are pinched when reinstalling the top cover to the back cover.
9. Reinstall the top screw and bottom screw removed in Step 1 into the electrical wire cover.
10. Turn on power at Service Entrance to test and verify that electrical components (timer or on/off switch, automatic disconnect switch, electrical outlet) are working properly.



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