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You can read the recommendations in the user guide, the technical guide or the installation guide for FRIGIDAIRE FRA25ESU2. You'll find the answers to all your questions on the FRIGIDAIRE FRA25ESU2 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual FRIGIDAIRE FRA25ESU2
User guide FRIGIDAIRE FRA25ESU2
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Installation Instructions

For Medium (15,000-18,500 BTU) + Heavy duty (22,000-28,500 BTU) Air Conditioner
READ BEFORE INSTALLING UNIT

INSTALLATION WARNINGS AND CAUTION

- ★ Carefully read the installation manual before beginning.
- ★ Follow each step as shown.
- ★ Observe all local, state, and national electrical codes and by qualified, licensed, authorized personnel only.
- ★ Pay attention to danger and safety notices.
- To avoid risk of personal injury, property damage, or product damage due to the weight of this device and sharp edges that may be exposed:
 - ★ Air conditioners covered in this manual pose an excessive weight hazard: Two or more people are needed to move and install the unit. Wear protective gloves whenever lifting or carrying the unit. AVOID the sharp metal fins of front and rear coils. To prevent injury or strain, use proper lifting and carrying techniques when moving unit.
 - ★ Carefully inspect location where air conditioner will be installed. Be sure it will support the weight of the unit over an extended period of time.
- ★ Handle air conditioner with care.
- ★ Make sure air conditioner does not fall during installation.
- ★ If a new electrical outlet is required, have the outlet installed by a qualified electrician before installing unit.

NOTE: DO NOT USE ANY SCREWS OTHER THAN THOSE SPECIFIED HERE.

Preliminary instructions:

Do the following before starting to install unit. See illustrations below.

Check dimensions of your unit to determine model type:

	Heavy duty	Medium
Capacity:	22,000-28,500 BTU	15,000-18,500 BTU
Unit Height:	18-5/8"	17-5/8"
Unit Width:	26-1/2"	23-5/8"
Min. Window Opening:	19-1/2"	18-1/2"
Min. Window Width:	31"	26-1/2"
Max. Window Width:	42"	40-1/2"

1. **Check window opening size:** the mounting parts furnished with this air conditioner are made to install in a wooden sill double-hung window. The standard parts are for window dimensions listed above. Open sash to a minimum of 19" (483mm), (FIG. 1)

2. **Check condition of window:** all wood parts of window must be in good shape and able to firmly hold the needed screws. If not, make repairs before installing unit.

3. **Check your storm windows:** If your storm window frame does not allow the clearance required, correct by adding a piece of wood as shown (FIG. 2), or by removing storm window while room air conditioner is being installed.

FIG. 1

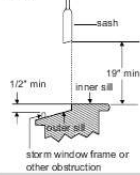
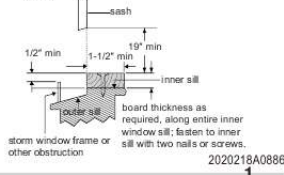


FIG. 2



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Manual abstract:

Insert 4 screws from inside of cabinet and secure to top angle rail. FIG.8 Top angle rail 2. From inside of cabinet insert 3 screws to attach each side retainer as shown in Fig. 8. Attach side retainers with flat side against cabinet and angled edge toward rear of cabinet. 3 Assemble Window Filler Panels 1. Place cabinet on floor, a bench, or a table. 2. Slide "I" section at end of window filler panel into side retainer on each side of the cabinet (see FIG. 9 and FIG.10). Foam Gasket 3. On each side of cabinet, insert top and bottom legs of window filler panel frame into channel in the top and bottom angle rails. 4.

Insert a 7/16" locking screw and flat washer into hole on top leg of each window filler panel (see section 6). Do not totally tighten. Allow leg to slide freely. Screws will be tightened after Section 6. 3 Installation Instructions T P TOP "I WINDOW TAINER 4 Place Cabinet in Window 1 P FIG.

11 For wooden window: Y For Vinyl-Clad window: FIG.13A FIG.12 HEX-HEAD SCREW B A FIG.13B C 5 Install Support Bracket T T FIG.14 FIG.15B . SCREWS AT T RT FIG.15A 4 Installation Instructions 6 Extend Window Filler Panels and attach to top angle rail: 1. Carefully raise window to expose filler panel locking screws on top angle rail. Loosen screws so filler panels slide easily.

2. Extend panels to fill window opening completely. Tighten locking screws on top (FIG. 16). 3. Close window behind top angle rail. 4. HEX-HEAD locking screw through the hole in the middle of top angle rail into the window frame as shown (FIG. 17). FIG.

16 FIG. 17 LOCKING SCREWS Locking Screw and Washer HEX-HEAD SCREW 7 Attach Window Filler Panels to Window Frame C FIG. 18A A Window Sash B FIG. 18B weather seals 1. Extend the window filler panels out against the window frame.

2. Use a 1/8" drill bit to drill a starter hole through the hole in the top leg of each window filler panel and into the window sash (Fig. 18A and Fig. 18B). Connect with one 10x1/2" screw.

8 Install Window Sash Seal and Safety Lock A A. 1. Trim window sash seal to fit window width. Insert it into screw space between upper and lower sashes as shown (FIG. 19). B. left-hand Window Filler 2. Attach right angle safety lock to top window sash as A. Panel Top Leg shown (FIG.20).

screw C. Window channel 3. If necessary, trim weather seals to needed length, peel off protective backing, and use to plug any gaps. See Fig. 18B. FIG. 21 FIG.20 FIG.19 WINDOW SASH SEAL SAFETY LOCK hex-head screws Vent control correct location 9 Install Air Conditioner into Cabinet and Install Front Panel to Unit 1. Lift air conditioner and carefully slide into cabinet.

2. CAUTION: Do not push on controls OR finned coils. 3. Be sure air conditioner is firmly seated towards rear of cabinet. 4.

Reconnect electronics plug if present. Position vent control lever so that it will thread into its channel in the front panel (see FIG.21). Hook front panel top tabs into slots on cabinet top, and rotate front panel down so that side tabs snap into place on cabinet. Insert 4 previously removed screws through front panel and into air conditioner.

5. Insert air conditioner filter. Reinstall the front grille by hooking bottom tabs into slots on Front Panel bottom, then rotating grille up to snap into place. 5 Installation Instructions Thru-The-Wall Installation NOTE: 1 Select Wall Location This air conditioner slides out from its cabinet, so that it can be installed through an outside wall as explained below. NOTE: IMPORTANT: Side louvers must never be blocked. All parts needed for Thru-The-Wall Installation are provided, except a wood frame, shims, and 10 wood screws 2 Prepare Wall 22,000~28,500BTU 15,000~18,500BTU FIG.1 FIG.2 Y Inside Inside Width X 6 Installation Instructions 4. Build a wooden frame with the INSIDE dimensions of your model listed above. (Measure twice remember.

) Frame depth should be the same as wall thickness. Fill in the space from the opening to the studs with wood spacers, as shown. 5. Nail frame to spacers with front flush with dry wall. NOTE: If wall thickness is 8-1/2" or more, add aluminum flashing over bottom of frame opening to assure no water can enter area between inner and outer wall. NAIL SPACERS TO STUDS FIG.3 FIG..



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