

Silent Box Installation Manual

Before proceeding with the installation, please read this manual thoroughly.



Installation Manual

Warning

Warning

Disconnect or turn off all power supplies before starting any work to avoid hazards.

Important

Follow the steps outlined below to properly assemble and install components.

Important

Do not operate the unit in a silent enclosure until all mechanical and electrical connections have been made.

Notice

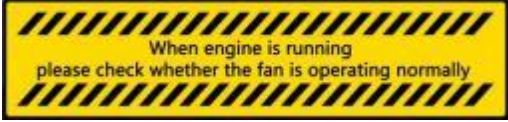
Disposal of this product should be done wisely, as it mainly includes materials like aluminum (AL), steel, phenolic board, corrugated packaging, etc. Please recycle responsibly.

When installing and using this electrical equipment, always adhere to basic safety precautions, including the following:

Important Safety Instructions: Always follow basic safety precautions when using this electrical equipment, which include:

1. Reading and following all instructions.
2. **Warning:** To reduce the risk of injury, ensure that children use this product only under close supervision.
3. Regularly check the lid for signs of deterioration.
4. Connect the green terminals, or those marked L, N, PE, GROUND, or the ground symbol, to a grounding device as per the electrical service panel, using a copper conductor of a comparable size to the circuit conductors supplying the equipment.
5. At least two lugs marked "lugs" should be connected using insulated or bare copper conductors not smaller than 17 AWG (1 mm²).
6. Save these instructions for future reference.

Safety Signs: Familiarize yourself with the symbols used on this product to operate it safely. Read the operating manual to reduce the risk of injury. Be aware of choking danger, electric shock hazards, hot surfaces, cut-off hazards (rotating blades), and crushing hazards.

	Familiarize yourself with the symbols used on this product to ensure safer operation.
	Security Alert Symbol
	Choking Danger
	Electric Shock Hazard
	Hot Surface Warning (Avoid contact)
	Cut-off Hazard (Rotating blades)
	Crushing Hazard (Top)
	Hint Sign

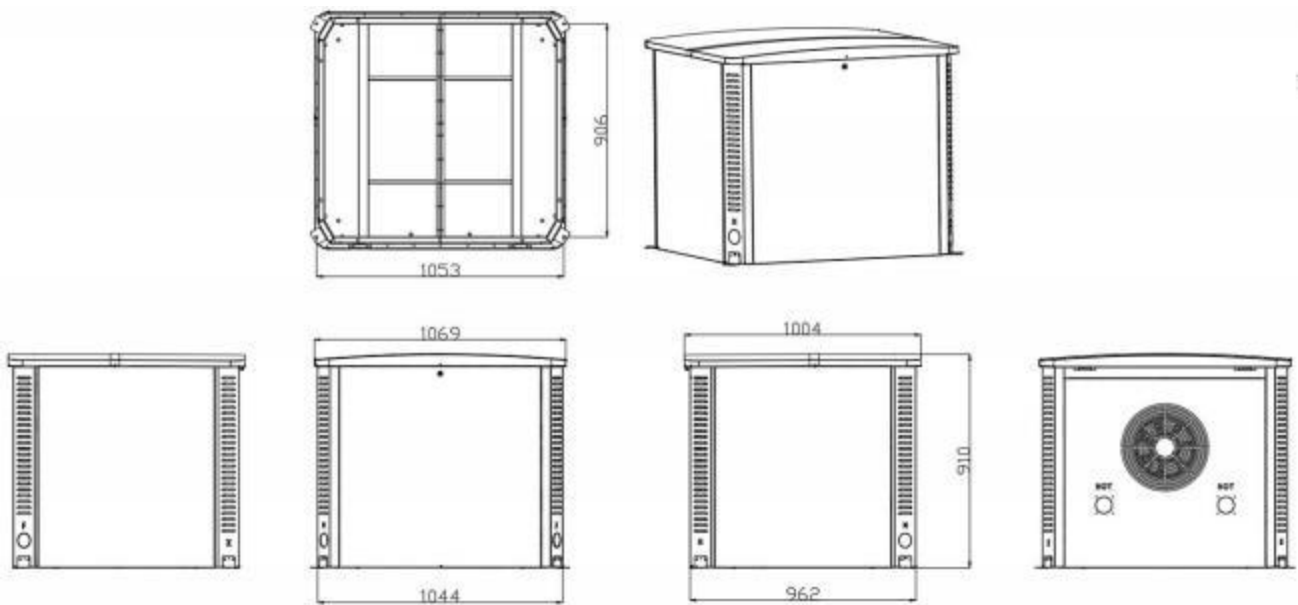
Prepare the Proper Foundation:

Ensure a solid foundation capable of supporting at least 440 lbs. (200 kg) and that is leveled.

Note: Damage due to insufficient or improper foundation support is not covered by the warranty. Providing a proper foundation is the owner's responsibility.

Suggestions include:

1. An engineered wood deck or concrete underlayment approximately 4 inches (100 mm) thick.
2. Secure the silent chassis to the foundation properly.
3. The hole distance for embedded or expansion bolts in the ground should be 1053mm x 906mm
4. Do not open the top cover on rainy days.



Legend Electrical Requirements:

1. The heat exchange fan is powered by an AC115V AC system.
2. Installation must comply with local codes and regulations.
3. Ensure that the wires and conduits of the heat exchange fan cable are of the appropriate size as per local codes. Required voltage is 115 V for North American customers and 230 V for European customers, both of which can be used with a regular wall socket.



Assembly Legend Part 1 - Unboxing:

Required Tools:

Scissors/retractable blade knife

1. Check for obvious damage before unpacking. Report any damage immediately to Customer Service.
2. Ensure sufficient, well-lit space for unpacking.
3. Use scissors or a knife to cut the carton sealing tape, cut the four vertical ribs and open the box.
4. Open the folded chassis, take out the fans, bolts, tools, exhaust hoses and other accessories placed inside, and place them near a device.
5. Sequentially take out the four columns, rear screen and connector, hinge mounting plate, and other accessories.

Packing List for Boxes A and B:

Includes a detailed list of components, specifications, and quantities.

Box A Contents

Serial No.	Part Name	Specifications and Models	Quantity
1	Installation Manual	-	1
2	Chassis Assembly	1035*953*52 mm	1
3	Top Cover Assembly	1071*1005*53 mm	1
4	Cylindrical Lock Key	-	1
5	Hinge Pin	-	2
6	Crosshead Hexagon Bolt, Anti-slip	M6×16 mm	32
7	Round Head Screw	M6×16 mm	17
8	Crosshead Flat Set and Bolt	M5×20 mm	4
9	Lifting Eye Bolt	M6×16 mm	4
10	Windproof Support Hinge	TX91 Stainless Steel, Left	1
11	stainless steel Muffler Bellows	φ50×500 mm	1
12	304 Stainless Steel Double Wire Hoop	51-57 mm	1
13	Display Rack Spring	1.0×10×48 mm	3
14	Handle Screw	M6×16×38 mm	6
15	Foot Bracket	60×50×50 mm	4
16	Fan Combination	TXA80S-280B1H	1
17	American Standard Plug	0.824m ² 2m cable with plug	1
18	Tower Protective Grommet	φ60 mm	2
19	Round Flat Protective Grommet	φ60 mm	2
20	Cable Hole Protection Cover	φ60 mm	2
21	Color Match Paint Pen	-	1
22	φ10 Screwdriver Socket	-	1
23	φ13 Screwdriver Socket	-	1
24	Phillips Screwdriver	-	1

Box B Contents

Serial No.	Part Name	Specification Model (mm)	Quantity
1	Left Front Pillar X	853×143×73	1
2	Right Front Pillar F	853×143×73	1
3	Left Rear Pillar H	853×139×85	1
4	Right Rear Pillar Z	853×143×89	1
5	Hinge Mounting Plate	858×67.5×27	1
6	Connector	300×30×30	1
7	Rear Screen	858×803×26.5	1
8	Left and Right Door Panels (including lining panels)	854×751×25	2
9	Front Door Panel (including lining panel, cylinder lock)	858×854×25	1

Note: Please check all parts against this list before beginning assembly to ensure all components are present. Contact Customer Service immediately if any discrepancies are found. Ensure to handle all parts with care and follow the assembly instructions closely.

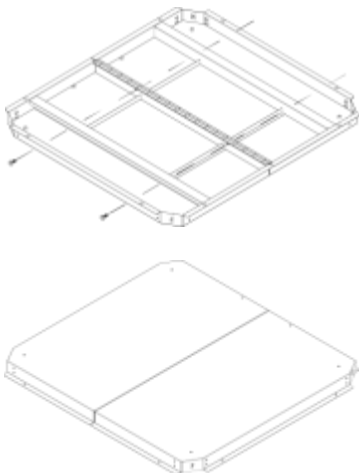
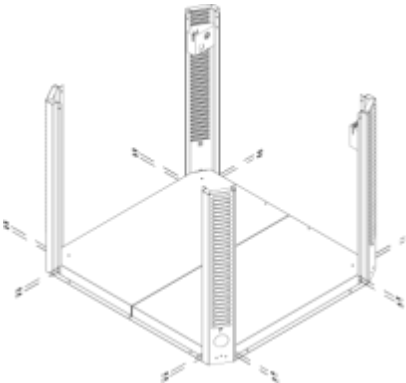
Assembly Legend Part 2 - Assembly:

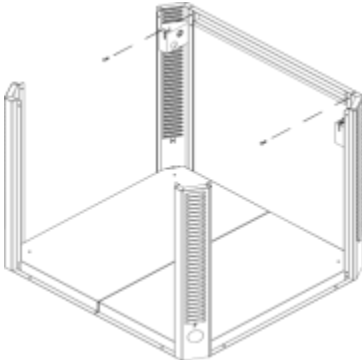
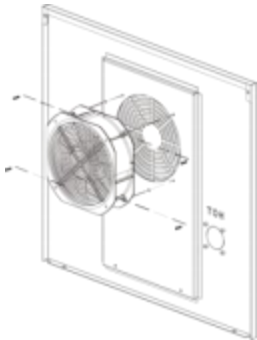
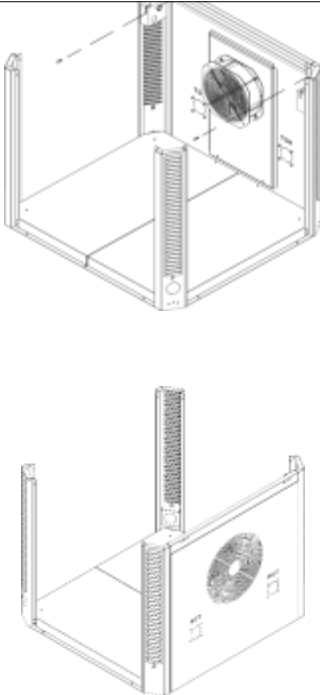
Detailed steps are provided for assembling various parts, including the chassis assembly, pillars, hinge mounting plate, power cable, fan assembly, fan fixing frame, connectors, rear screen, door panels, top cover assembly, windproof support hinge, front door panel, foot bracket, exhaust bellows, and cable grommets.

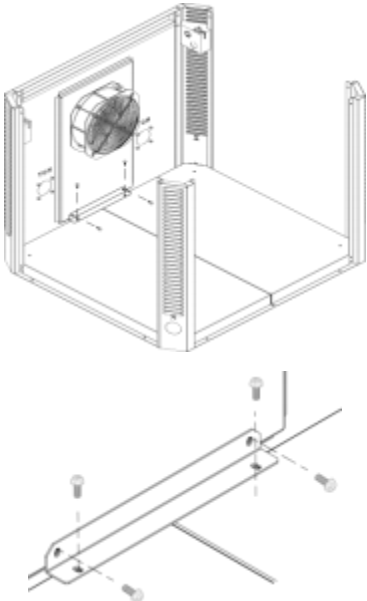
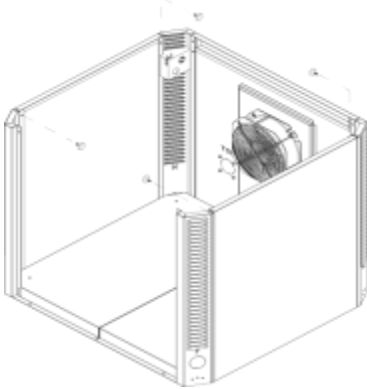
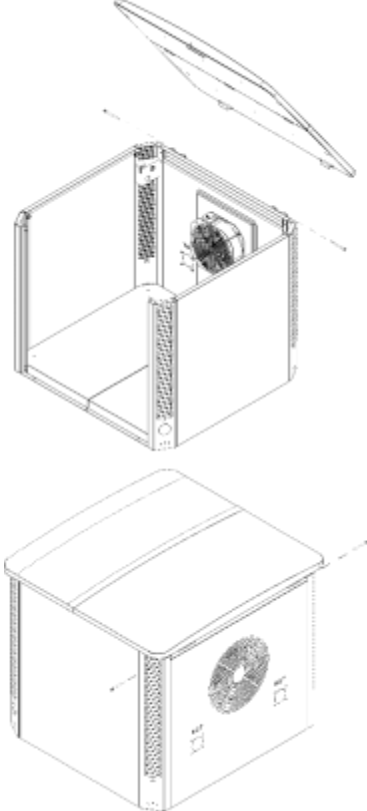
Please review this manual carefully and keep it for future reference. Ensure all safety guidelines and instructions are followed to maintain a secure and effective installation.

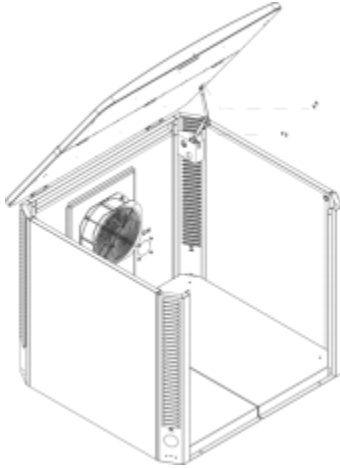
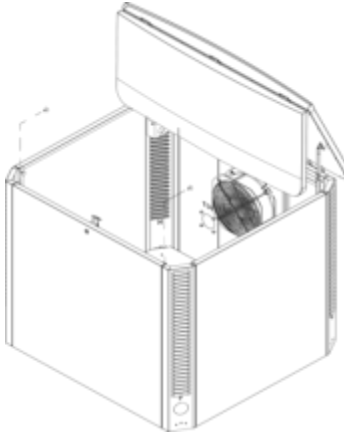
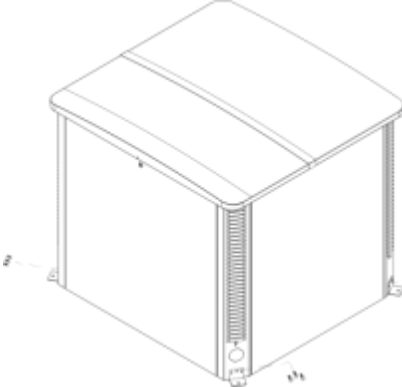
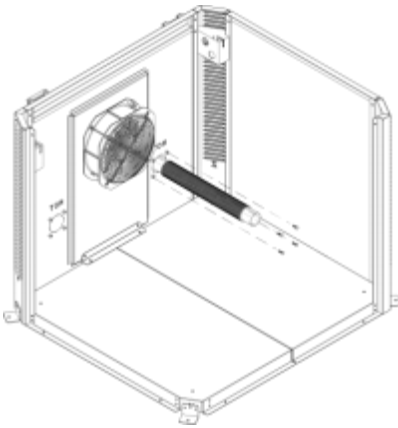
Warning

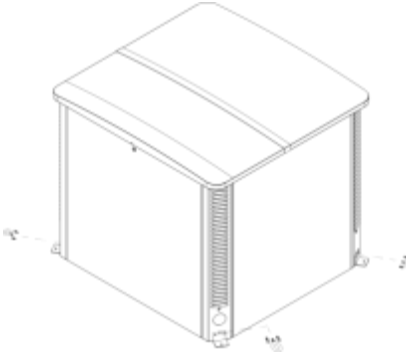
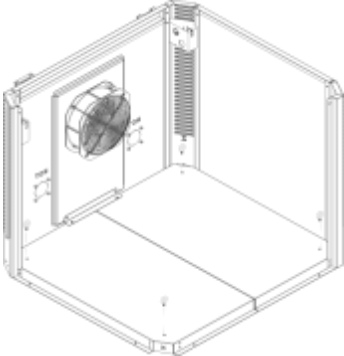
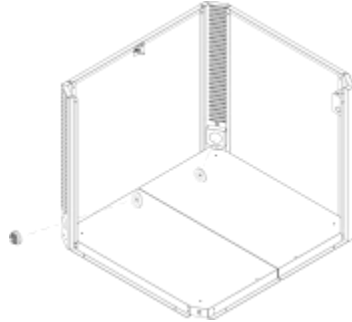
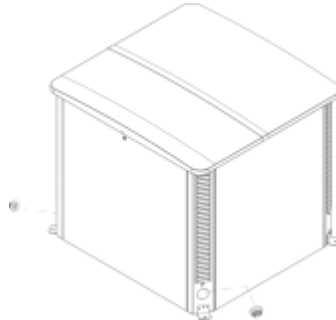
Avoid over-tightening bolts and refrain from using power tools as stainless-steel bolts can break under too much torque.

	Photo	Illustration	Installation Notes
1			Chassis assembly M6*16 bolt, 2 pieces Steps: Gently unfold the chassis and secure the middle of the back with two bolts. Use screwdriver to tighten the two bolts. Place the chassis face up on a clean floor.
2			Front, rear, left and right pillars Round head screw M6*16, 16 pieces Steps: Compare the letters F, H, X, and Z on the four pillars, and keep them consistent with the letters on the four corners of the base during installation. Use screwdriver to tighten the sixteen bolts.

3			Hinge mounting plate M6*16 bolt, 2 pieces Steps: Tighten the two bolts with screwdriver. Note that the hinge mount is facing out and up.
4			Parts: Power cable, fan assembly Steps: connect the plug on fan terminals.
5			Fan Assembly, rear screen M5*20 crosshead flat set and bolt, 4 pieces Steps: Install the fan assembly on the rear screen. Use screwdriver to tighten the four bolts.
6			Rear screen with fan assembly M6*16 bolts, 2 pieces Steps: Install the rear screen plate and tighten the two bolts with screwdriver.

7			Rear screen connector M6*16 bolts, 4 pieces Steps: Install the rear screen connector and tighten the four bolts with screwdriver.
8			Left and right door panels (including lining panels) M6*16 handle bolt, 4 pieces Steps: Install the lined left and right doors by tightening the four handle bolts by hand.
9			Top cover assembly Hinge pin, 2 pieces Steps: Insert the two hinge pins to fix the top cover assembly. When installing, make sure the small ends of the two pins face inward and the big ends face outward.

10			Windproof support hinge M6*16 bolts, 4 pieces Steps: Install the windproof support hinge and tighten the two bolts with screwdriver. (The user can choose to install it on the left or right side).
11			Front door panel (including lining and cylinder lock) Steps: M6*16 handle bolt, 2 pieces Steps: Install the lined front panel and tighten the two handle bolts by hand.
12			Foot bracket, 4 pieces M6*16 bolt, 12 pieces Steps: Fix the four foot brackets on the four columns with M6×16 bolts. A hole at the bottom is reserved for customer to fix the chassis, and the bolts are chosen by the customer.
13			Exhaust bellows M6*16, 4 pieces Steps: According to the placement position of the generator set, select the outlet position of the exhaust pipe. Use a hammer or other tool to tap the reserved knockout. Use screwdriver to tighten the four bolts.

14			Lifting eye bolt, 4 pieces Steps: Tighten the four lifting eye bolts to the middle hole of the foot bracket by hand. The silent box can be moved using four lifting eye bolts and ropes or straps.
15			Lifting eye bolt, 4 pieces Steps: Tighten the four lifting eye bolts to the holes of the chassis by hand. The generator can be fixed with four lifting eye bolts and ropes or straps.
16			Round flat protective grommet Steps: Use a hammer or other tool to tap the reserved knockout. Align the groove in the middle of the grommet and install it into the hole.
17			Tower protective grommet Steps: Use a hammer or other tool to tap the reserved knockout. Align the groove in the middle of the grommet and install it into the hole.

Note: If the color of any actual object does not match the photos in the instructions, the actual object shall prevail.

Weight, Size, and Noise:

- Weight: 86.0 lbs. / 39.0 kg
- Maximum external assembly size: 42×39.5×35.8 in / 1069×1004×910 mm
- Maximum size of portable generator: 39×32×32 in / 1000×810×805 mm
- Sound: The highest noise reduction can reach -10~-15 decibels.

