



# AIR MASSAGE KIT INSTALLATION INSTRUCTIONS

## BEFORE YOU BEGIN

We recommend consulting a professional if you are unfamiliar with installing bathroom fixtures and plumbing. Signature Hardware accepts no liability for any damage to the floor, walls, plumbing, or personal injury during installation.

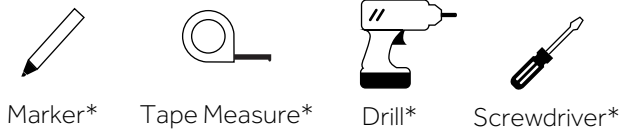
Observe all local plumbing and building codes.

Unpack and inspect all items for damage. If any damage is found, contact our Customer Relations team at 1-866-855-2284.

## GETTING STARTED

- Ensure that you have gathered all of the required materials that are needed for the installation.
- Keep the air kit components easily accessible for any future maintenance that may be necessary.

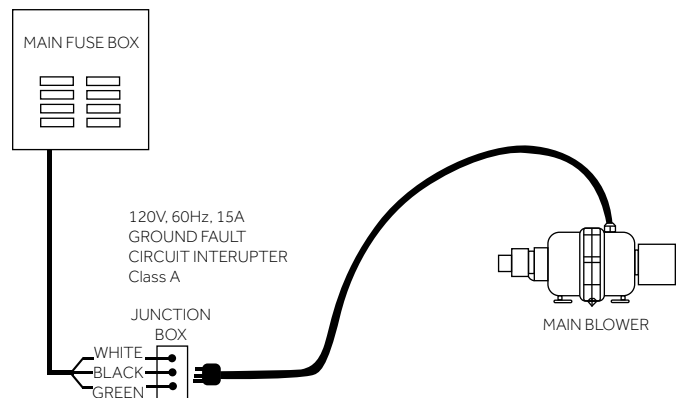
## TOOLS AND MATERIALS:



\*not included

## STEP 1: ELECTRICAL REQUIREMENTS

1. Before beginning electrical installation make sure that the electricity is disconnected at the fuse box.
2. Wiring should be permanent. Do not use an extension cord. Have the electrical part of the installation done by, or approved by, a qualified electrician.
3. Determine a location to mount your blower motor. The blower should be mounted within 5' of the tub in an uninsulated location, and easily accessible. There should be sufficient air space around the motor for proper functionality. If you are mounting the blower behind a wall or below the floor, you must have an access panel of approximately 30"x15" to allow access for servicing.
4. Use the factory pre-installed type SJ wire to connect to junction box. Run a separate 120V, 60Hz, 15A G.F.I. (Class A protected) electric circuit from the main fuse box to the junction box. Use a 14 gauge three conductor cable (2 wires plus ground) in connections up to 100 feet (30, 4m) from the main fuse box. Refer to your local electrical code if the distance between the tub and the main fuse box is more than 100 feet.
5. Use the following wiring diagram as a guideline when preparing the electrical components.

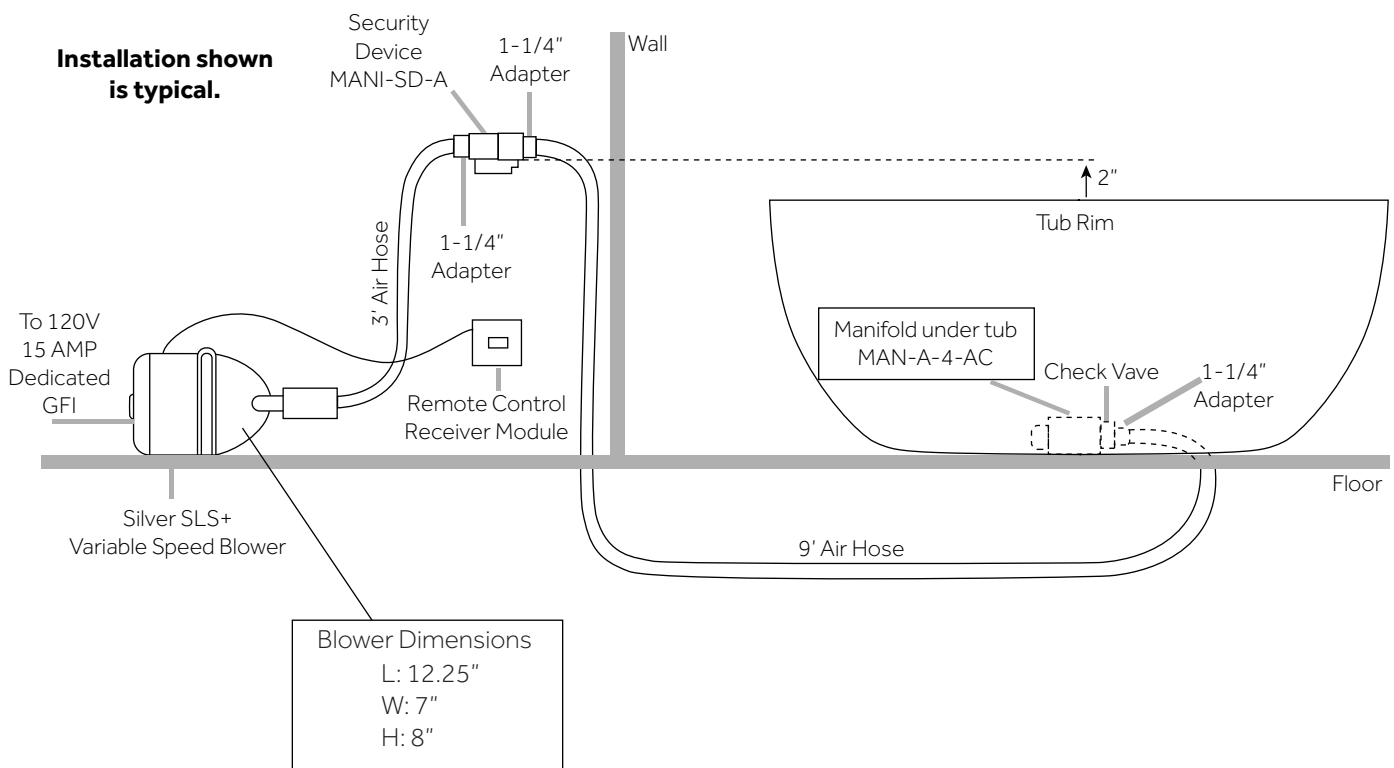




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## STEP 2: INSTALLING THE AIR MASSAGE KIT

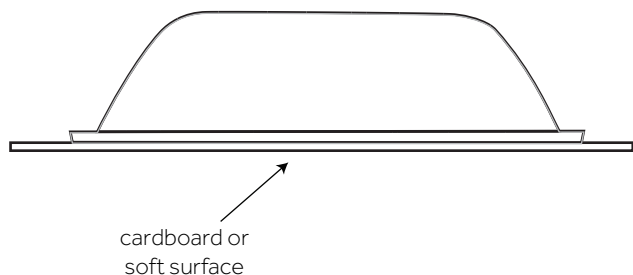
The illustration below may be useful as a reference during installation.





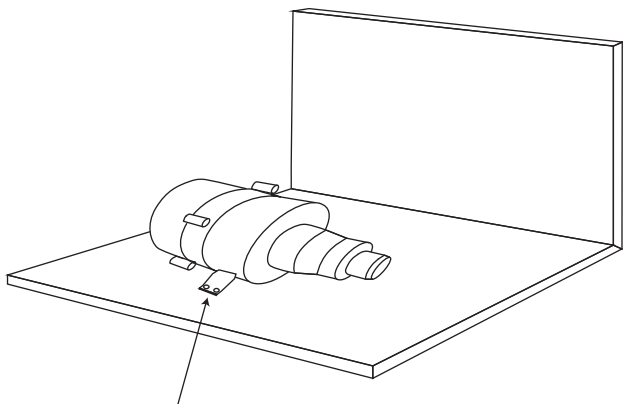
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1. Remove your tub from its packaging. Carefully turn the tub upside down or on its side, and lay it on a sheet of cardboard, or a soft surface, to prevent scratching. The air system's jets, tubing, and manifold should be pre-installed into your tub. Check all pre-installed connections to ensure that nothing came loose or dislodged during shipping.



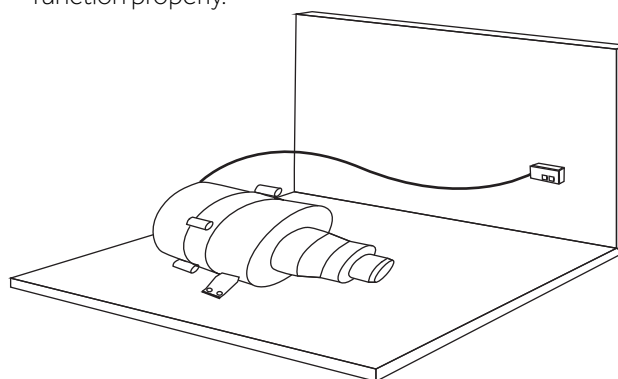
2. Secure the blower motor in its designated location using the provided hardware. It is assumed that the electrical requirements have been met, and that the receptacle has been prepared.

**Note:** Due to variations in mounting surfaces and locations, the provided hardware may or may not be sufficient. You may need to provide your own hardware depending on the circumstance.



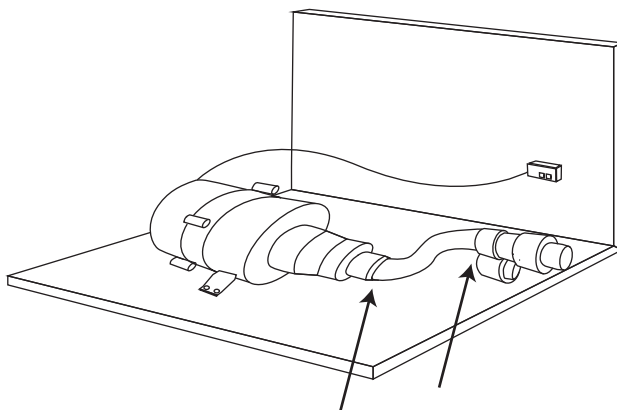
3. Plug the remote-control receiver module into the designated location on the side of the blower motor. Mount the remote-control receiver module to a surrounding wall or surface, as close to the tub as possible and in plain view.

**Important:** If the receiver module is not in plain view from the tub's location, your remote control will not function properly.



4. Connect one end of the 3' air hose to the blower motor outlet. Use a provided hose clamp to secure. Connect the opposite end of the hose to the security device, using another hose clamp to secure.

**Note:** You will need to use a provided 1-1/4" hose adapter to connect the hose to the security device.

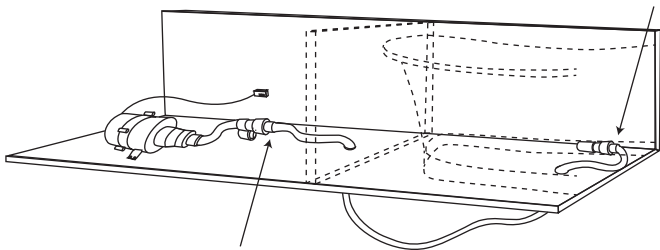




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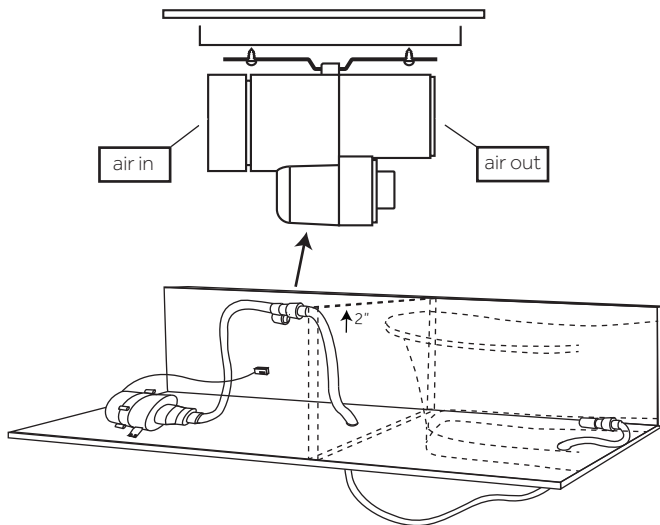
5. Connect one end of the 9' air hose to the second end of the security device. Use a provided hose clamp to secure. Connect the opposite end of the hose to the manifold underneath the tub, using another hose clamp to secure.

**Note:** You will need to use the provided 1-1/4" hose adapters at each end of the hose to make your connections.

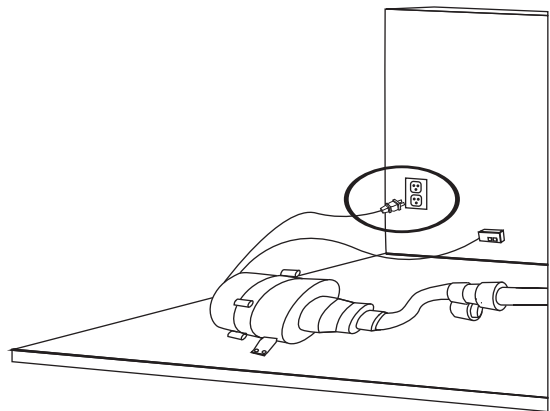


6. Secure the system's security device to the wall or a surrounding surface using the hardware provided.

**Important:** The security device must be installed 2" higher than your tub rim's lowest point. Please measure or refer to your tub's specifications as a reference before mounting the security device.



7. Plug the blower motor into its dedicated electrical receptacle. Proceed to Step 3 of installation to program your remote control.

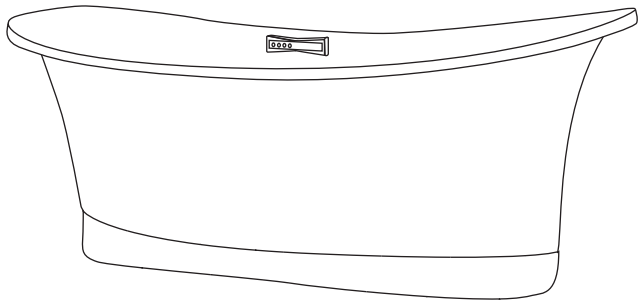




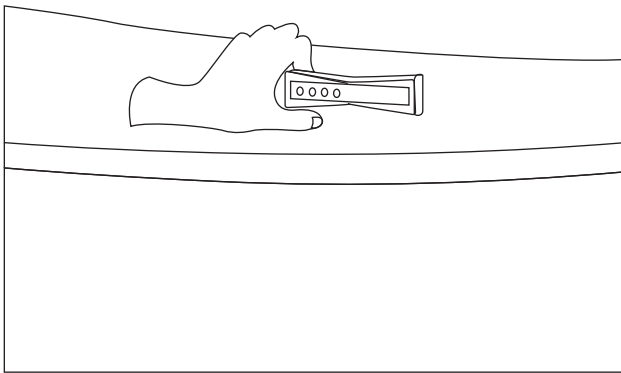
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## STEP 3: REMOTE CONTROL MOUNTING AND PROGRAMMING

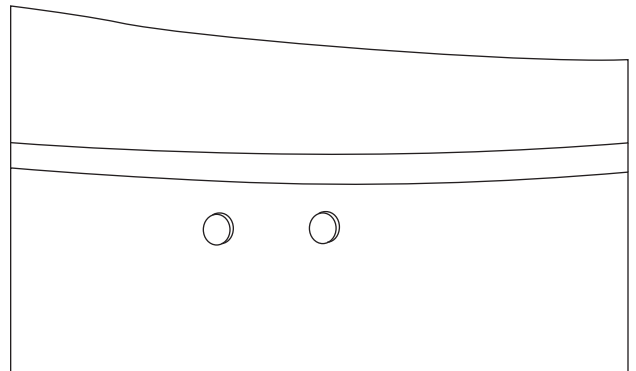
1. Determine a location to mount your remote control on your tub.



2. Hold the remote control up to the chosen location.

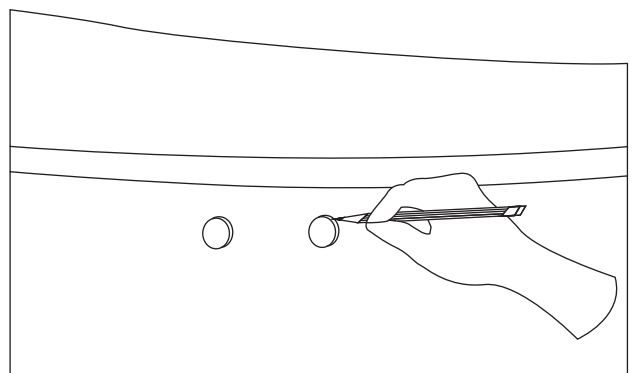


3. Position the magnets on the exterior of the bathtub, on the opposite side of the remote. The attraction of the magnets should catch onto the remotes magnets to determine their mounting location.



4. Mark the position of the magnets with a marker.

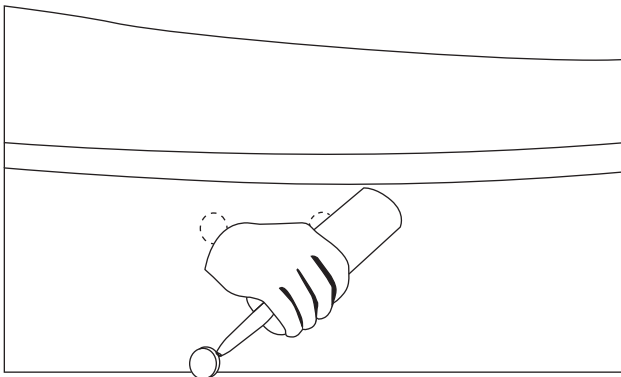
**Note:** Magnets always have a positive and negative side and will only be attracted to one side. Consider this to avoid applying silicone to the wrong side.



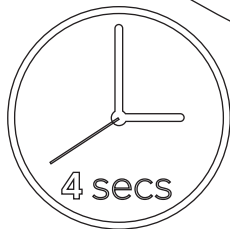
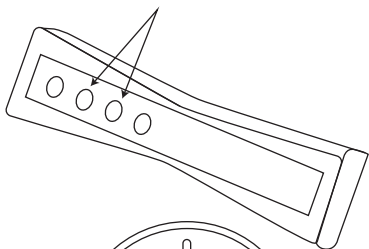


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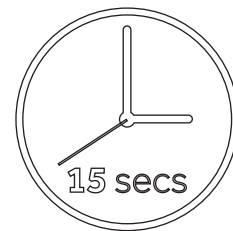
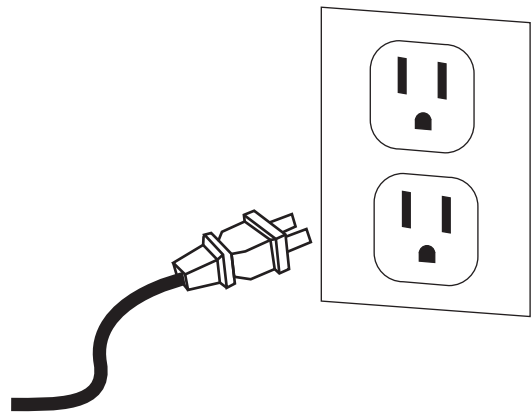
5. Apply a small amount of silicone to the magnets and place in the marked position.



6. To program the remote, press the second and third buttons on the remote (simultaneously) and hold for 4 seconds. The remote control should synchronize and be ready for use.



7. If programming is unsuccessful, perform a reset by unplugging the system and plugging it in again. From this moment, you have 15 seconds to proceed with another attempt to program.





# AIR MASSAGE KIT INSTALLATION INSTRUCTIONS

## **TROUBLESHOOTING**

If the blower is not operating properly:

- Verify that the blower motor is plugged into the wall.
- Check your electric power supply. Reset the circuit breaker or replace the fuse if necessary.
- If the system has been functioning for quite some time, it is possible that the thermic protection has shut off the motor. Let it cool off for at least 30 minutes before using it again.

If the motor is running, but no air is coming through the jets:

- Verify that the main air hose is properly connected from the manifold to the air pump.
- Check the main air hose for any rips, cracks, or holes where air could escape.

If only some jets are functioning:

- Fill your tub with warm water, and switch the system ON and OFF several times to loosen any debris that could be clogging the jets.
- Cover the non-working jet with a soft cloth and carefully tap on the jet head with the handle of a screw driver, or a rubber mallet, while the blower is running. This will dislodge the inner ball bearing which may be stuck. Tip: After using the tub, drain the water and let the system run for a few minutes to dry the jets. This will prevent the ball bearings from becoming lodged in the future.
- If tapping on the jets does not work, remove the plastic jet cap from the non-working jet. Slide a small tool, such as a flat head screwdriver, between the jet wall and the ball bearing to break the bearing loose from any remaining residue.

If the air heater is not working properly:

- To verify the operation of the air heater, fill the bathtub to working level and operate the blower for approximately 5 minutes. Carefully feel the main hose where it is connected to the blower. The hose and its immediate area should feel warm to the touch. If the hose and the surrounding air do not feel warm, contact customer service.

If your tub is installed against to outside walls, make sure that the walls are adequately insulated to minimize heat loss.