

SlimSix Vent System (VS-S6) Intake & Exhaust Installation Instructions

The SlimSix System offers a versatile solution for bringing cooler air into, or exhausting hot air, in various system applications. Its narrow design provides for installations in a variety of cabinet applications, closet doors, or any place where standard cooling products will not fit or where a sleeker look is desired.

Installation Planning Recommendations

- Install in the bottom back of the cabinet and open up the toe kick to draw air directly into the cabinet
- Install in the top of a cabinet behind a TV or in built-in cabinet/shelf units
- Install in the side of a cabinet when space for other products is limited or as an aesthetic option
- Install in the top or bottom of a panel door (The narrow design will not interfere with panels)

Installation Procedure

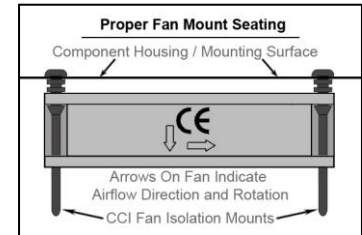
1. **Prepare for Cutout.** Mark the cutout hole using the template packaged with the fan assembly. Ensure that the cutout marking is level and/or plumb and double check that there will not be any obstructions during this process or the actual installation.
2. **Cut the Opening.** Cut the hole with an appropriate saw and ensure to follow all safety precautions. It is recommended to use tape on both sides of the area to be cut to protect wood surfaces and avoid scratches or chips. Simply put masking tape over the area to be cut and peel it off once cutting is complete.
3. **Airflow Direction.** The VS-S6 is available with Intake and Exhaust configurations. (VS-S6-INT - VS-S6-EXT) If you need to reverse the airflow direction of the unit you have, refer to the "Fan Reversal Instructions" on the back of this page. For most applications you want the air to exhaust. There are arrows on the side of each fan indicating the airflow direction (difficult to see in the housing but they do exist).
4. **Installing Unit.** Insert the fan unit into the cutout area and secure with the included #6 screws. For plastic grills, place the grill over the installed fan unit and secure with the included color matching #6 screws. For wood grills, see the installation instructions on the cutout template that is packaged with the grill. Also ensure the unit is level and/or plumb during installation.
5. **Run Power Wire.** Determine the path for the power wire and if installing on a door or surface other than inside a cabinet, route the wire so it will not get caught on any obstructions and also so it looks 'clean'.
6. **Connect Power Wires.** Before plugging the unit in, connect the fan assembly power wire to the power supply. **ENSURE TO FOLLOW POLARITY BY MATCHING Tip with +.** Failure to do so WILL NOT damage the units but instead simply will not operate.
7. **Power the Units.** If using a variable voltage power supply, turn the voltage up to 7 or 9 volts using the switch on the power supply and then plug it into a power source. Some power supplies have an indicator light indicating that it is powered up. Once plugged in, the fan unit should be running.
8. **Adjust Airflow & Noise.** At this point you can re-adjust the voltage so the units are quiet but still effectively cooling. This setting will normally be around 7 or 9 volts but the unit can be run at 5 volts but are only intended to run at 12 volts if more aggressive cooling is required and noise is not a concern.
9. **Control Options.** This unit can also be used with the temperature controllers or can be switched on and off using a switched outlet on the equipment if so equipped. The Basic and ALT controllers plug inline between the unit and power supply while the Advanced System (ASC) and Advanced Ventilation Controllers (use the 12V version – TC-AVC-12) have a separate power input and output.



Fan Reversal Instructions

We're not going to lie, reversing the fans on this unit is a challenge which is why 2 different versions are offered. We are also willing to flip the fans if the unit is sent back to us however, if time does not allow for that it is possible to do it in the field but ensure to take proper care not to damage the fans which is easily done typically by pressing too hard on the center of the fan.

1. Release each individual fan from the rubber fan mounts by gently prying the fan upwards from one side at a time until the mounts release. Do not force it; the mounts will release by applying minimal to moderate force and ensure not to put pressure on the center of the fan.
2. Repeat this procedure on the opposite side of the fan to release the remaining mounts.
3. Repeat steps #1 and #2 for each additional fan.
4. Once you've removed the fan assembly, flip the entire assembly confirming the direction of the airflow by the marking on the sides of the fan.
5. Remove the fans mounts from the fans if some remain stuck in the fans and re-insert them into the housing ensuring on seated into the bottom notch.
6. Align each fan over the appropriate fan mounts and reinstall the fans by pulling the mounts through the fan mounting holes until the mount is properly seated (pulls through the fan to reach the 'stop').



Once the fans are attached, you may trim the rubber fan mounts if desired. This will however prohibit any reversal of the fan in the future if trimmed too short.

Unit Not Working?

Do not Return Damaged or Defective Products to Point of Purchase. If the unit arrived non-functional or damaged, we will resolve the issue quickly and hassle-free. Proof of Purchase may be required.

Contact us on the web at; www.coolcomponents.com/warranty

Warranty Information

This unit is guaranteed to be free of defects for a period of one year from the date of purchase. This warranty excludes damage caused by misuse or for applications other than the intended use of the products

Feedback

We truly value feedback on this and all of our products. We strive to provide the best products possible so it is important that we learn from our customers. If you have any ideas or suggestions that could improve this or any of our other products, please let us know. Thank you in advance for sharing your experience. Please send feedback to feedback@coolcomponents.com