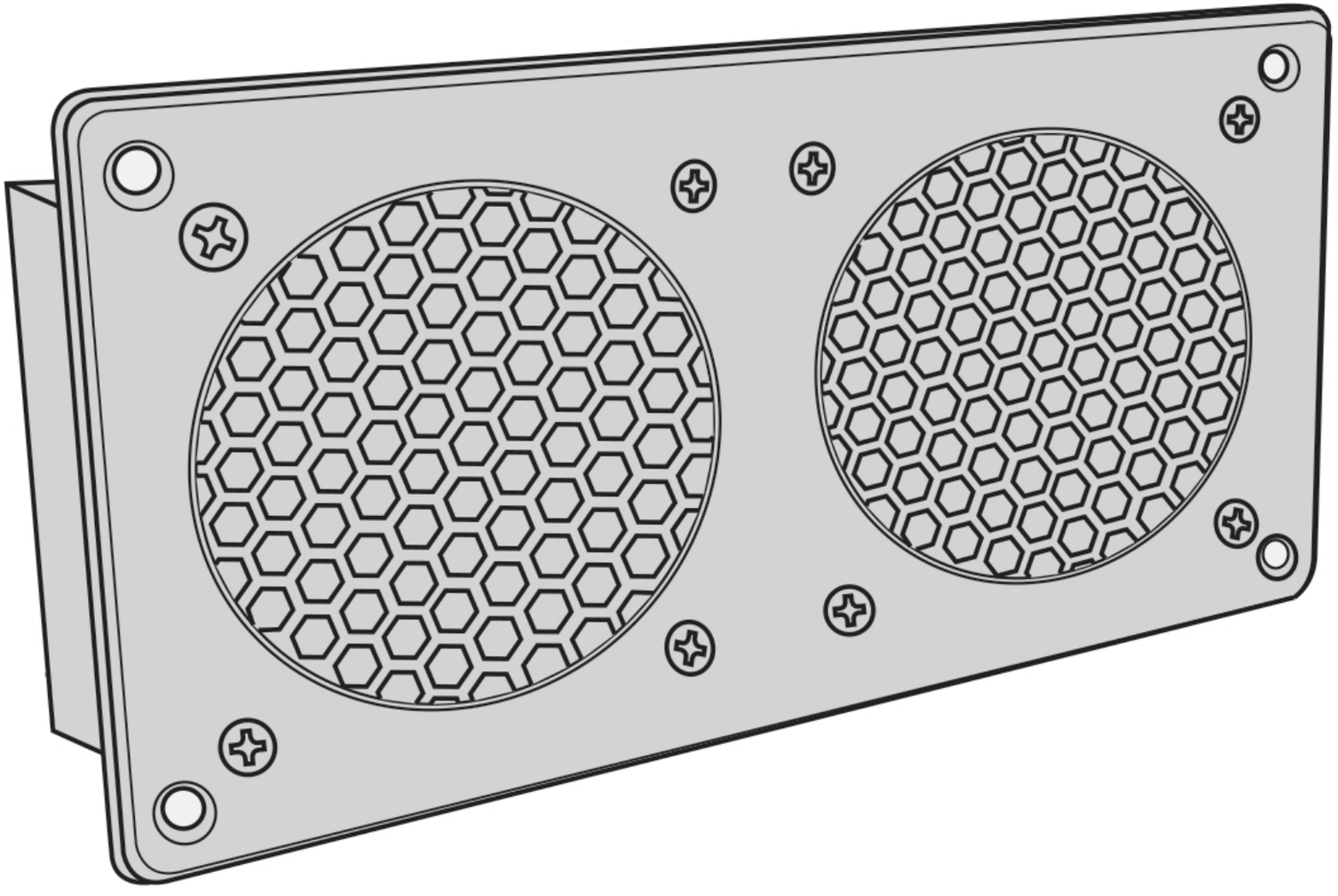
AC INFINITY

AIRPLATE S SERIES

CABINET FAN SYSTEM



INSTALLATION AND WARRANTY MANUAL

PRODUCT	MODEL	UPC-A
AIRPLATE S1	AI-CFS80BA	854759004044
AIRPLATE S3	AI-CFS120BA	854759004006
AIRPLATE S5	AI-CFD80BA	854759004105
AIRPLATE S7	AI-CFD120BA	854759004068

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If you are not 100% satisfied with this product, we will be happy to replace it or issue you a full refund. Please contact us!

EMAIL
support@acinfinity.com

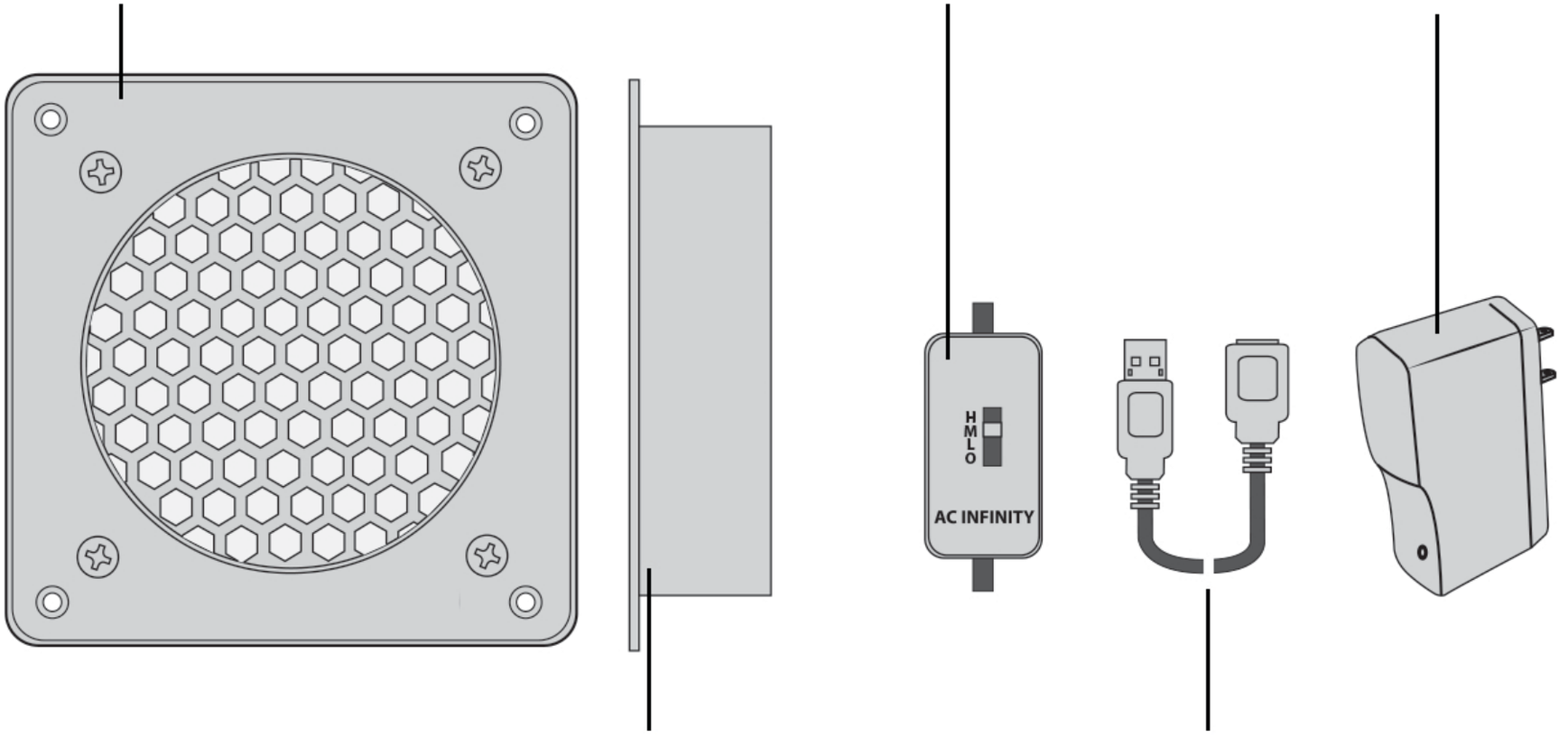
WEB
www.acinfinity.com

KEY FEATURES

ALUMINIUM FRAME
Features a stainless aluminium frame with a brushed black finish. Edges are machine cut to give cabinets a clean look.

SPEED CONTROLLER
A speed controller located on the cord permits you to adjusts the fan's speed and power off the fan.

BOOST ADAPTER
The Boost Adapter allows the fan to be powered by a wall outlet and also increases the fan's speed by up to 25%.

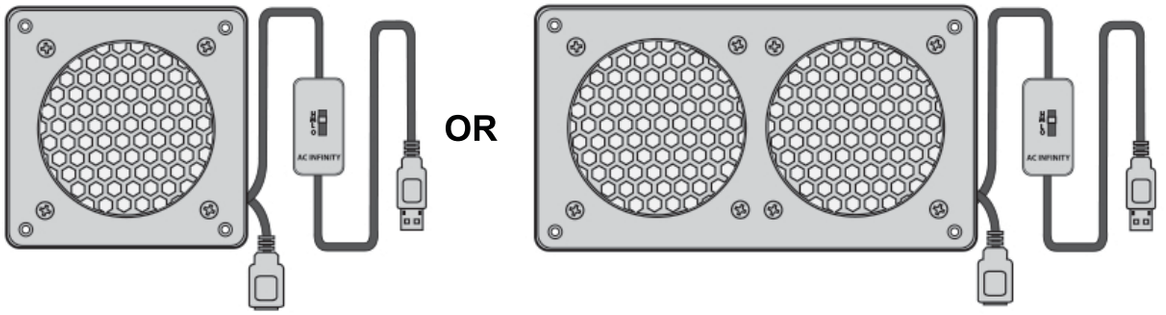


DUAL BALL BEARINGS
Fans contain long life bearings rated at 67,000 hours. Also allows the fan to be mounted in any direction.

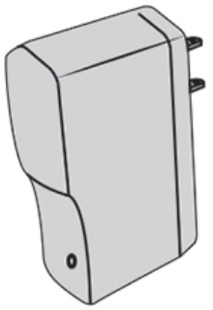
SILICONE GASKET
A 2mm silicone gasket acts as a barrier between the fan and exterior frame to absorb vibrations that cause noise.

ADDITIONAL USB PORT
Each fan contains an USB port to daisy chain additional fan units. Up to four can share the same power source.

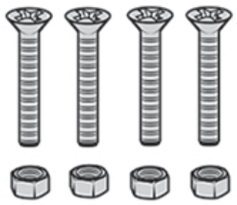
PRODUCT CONTENTS



FAN UNIT WITH SPEED CONTROLLER

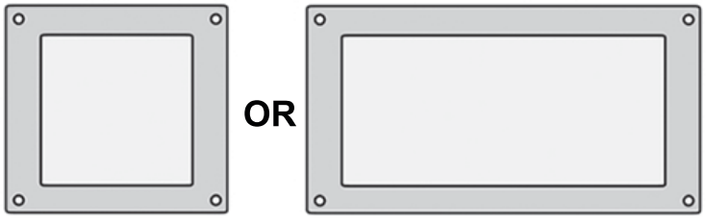


BOOST ADAPTER



MACHINE SCREWS

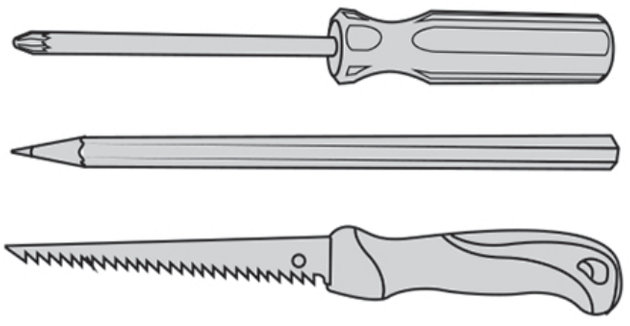
WOOD SCREWS

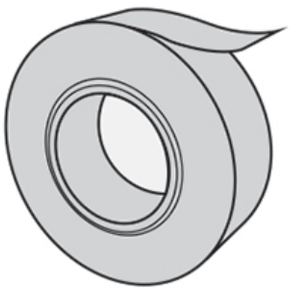


PLASTIC STENCIL

INSTALLATION TOOLS

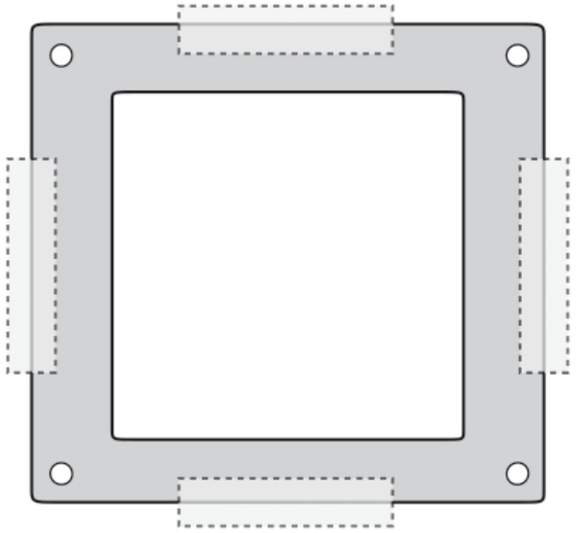
NOT INCLUDED





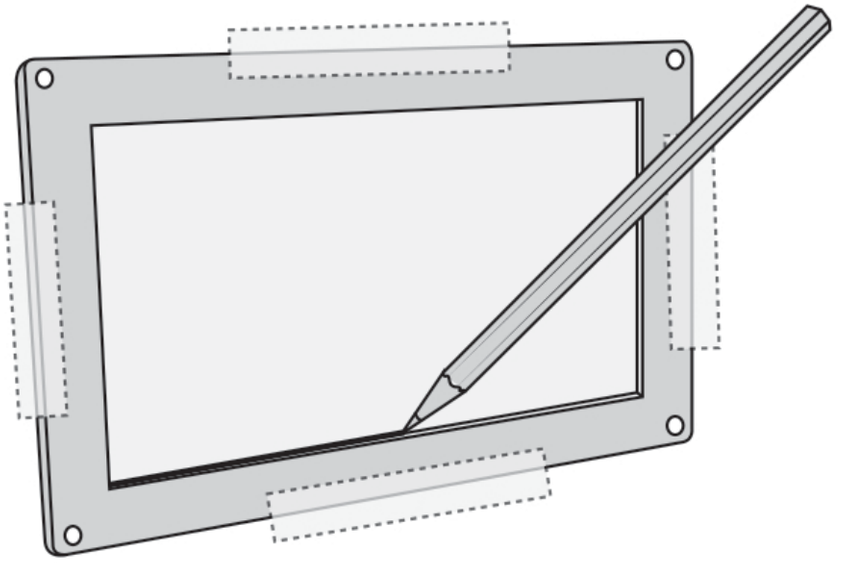
MOUNTING

STEP 1



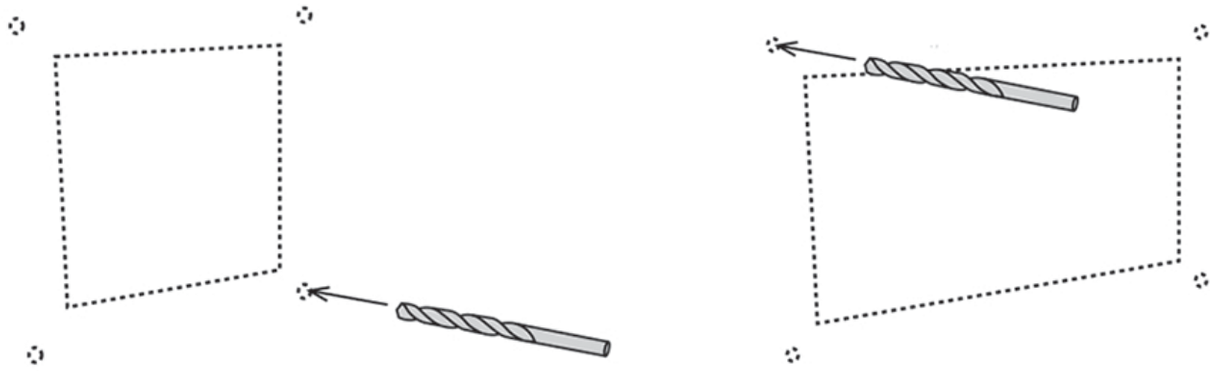
Determine where you wish to mount the fan unit on your cabinet or wall. Position the stencil and apply tape to the outer edges.

Use a pencil to outline the center square and four outer screw holes on the stencil. Check for accuracy before proceeding to the next step.

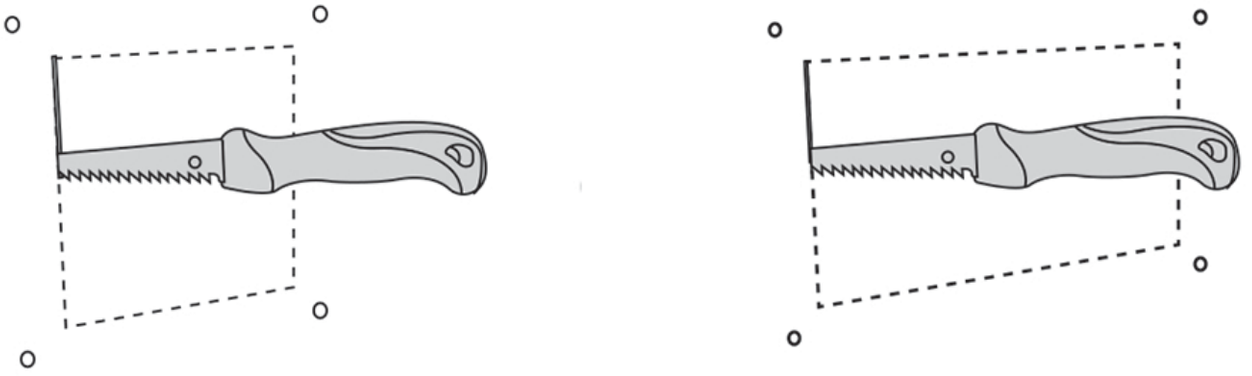


MOUNTING

STEP 2



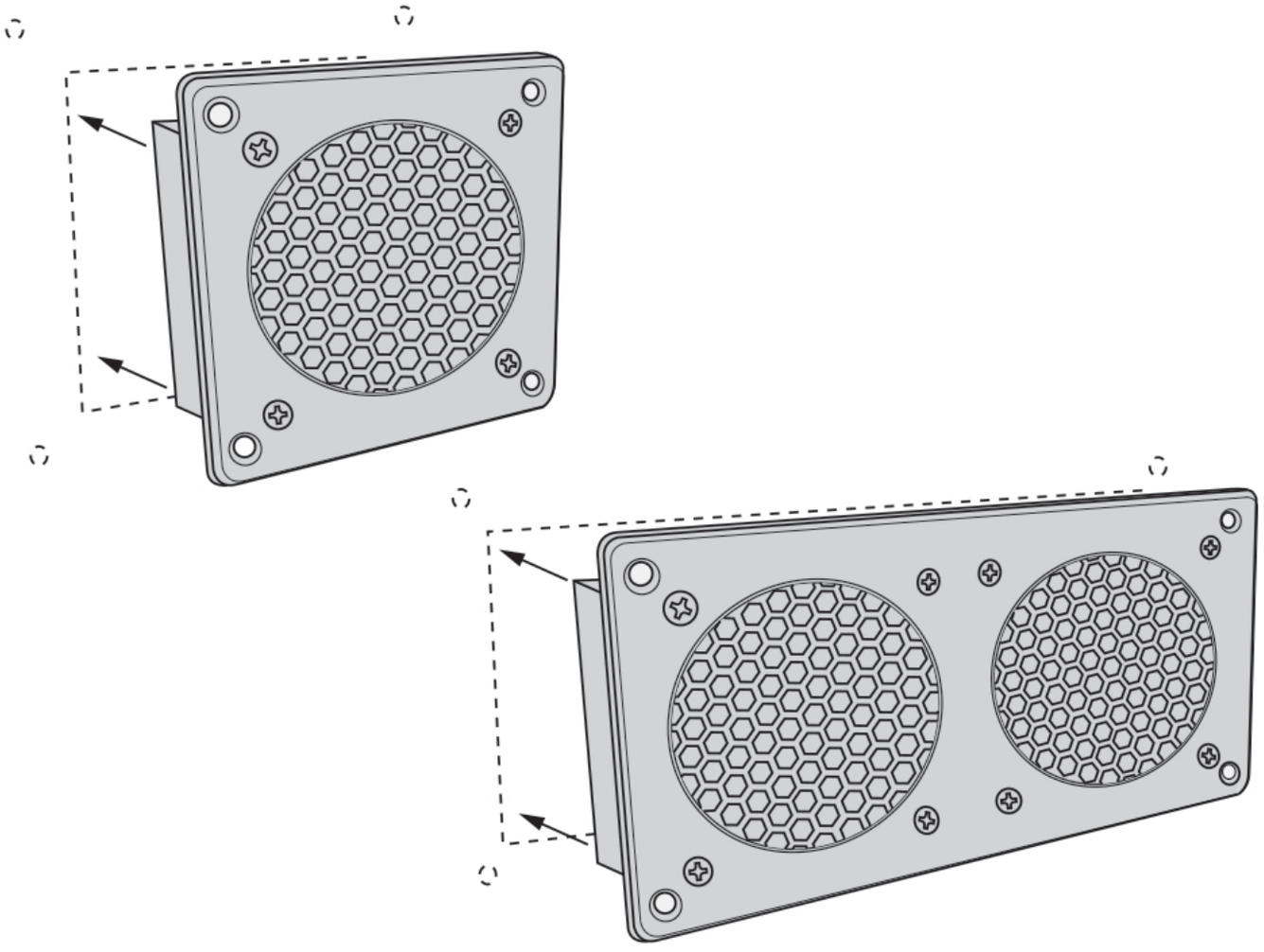
Remove the plastic stencil and tape. If you prefer machine screws instead of wood screws to mount the fan, use a power drill to create four screw holes. Recommended drill bit size 10/64” to 14/64”.



Using a saw, cut out the center piece as outlined by your markings from step one. You may need to first drill a hole at each of the corners to fit your saw through. A power jigsaw may be preferred for thicker wood.

MOUNTING

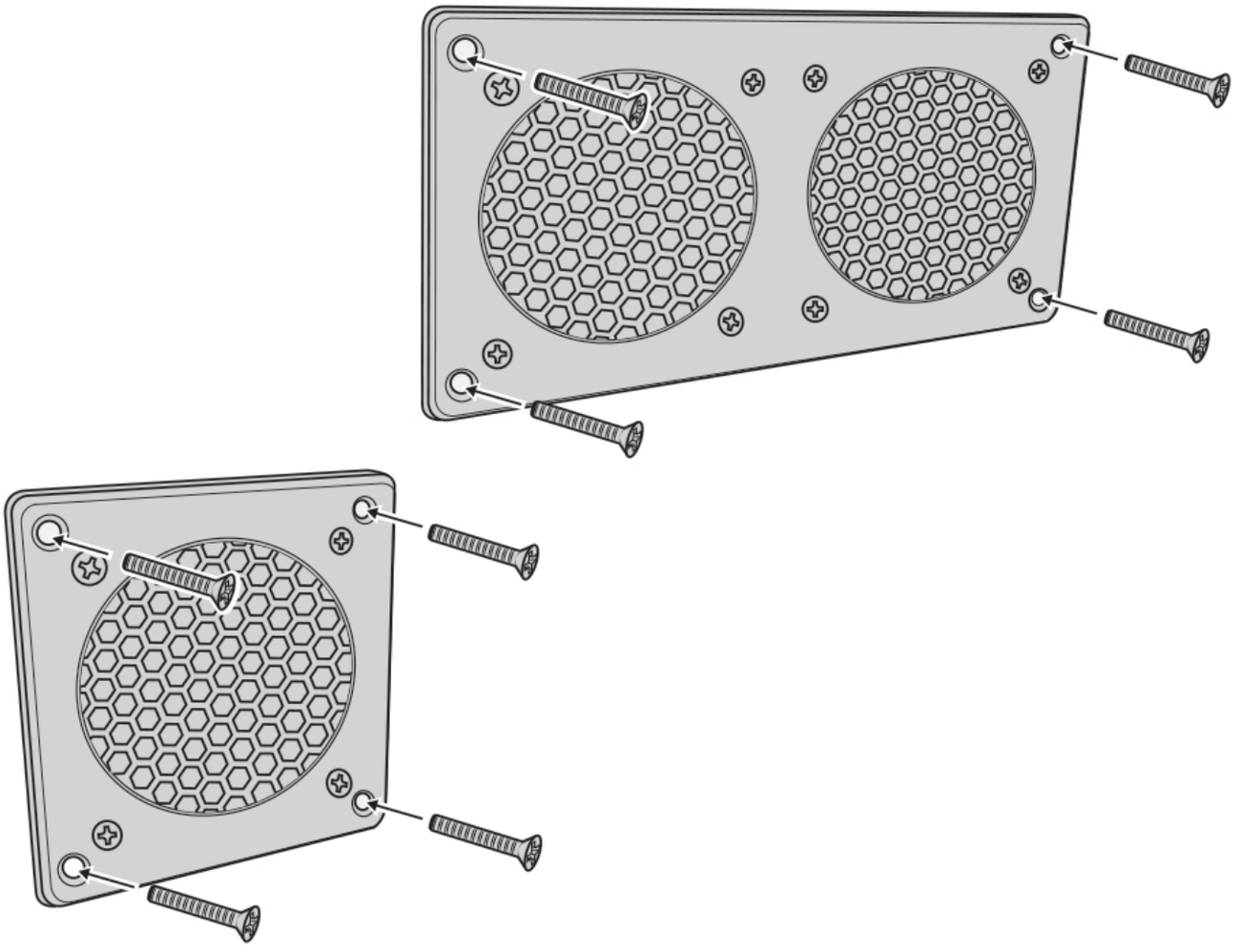
STEP 3



Place the fan unit into the newly cut square so that each screw hole is properly aligned. Please make sure the cut center hole is large enough that the plastic backside of the fan does not come into contact with the cabinet. This is to minimize vibrations which cause noise.

MOUNTING

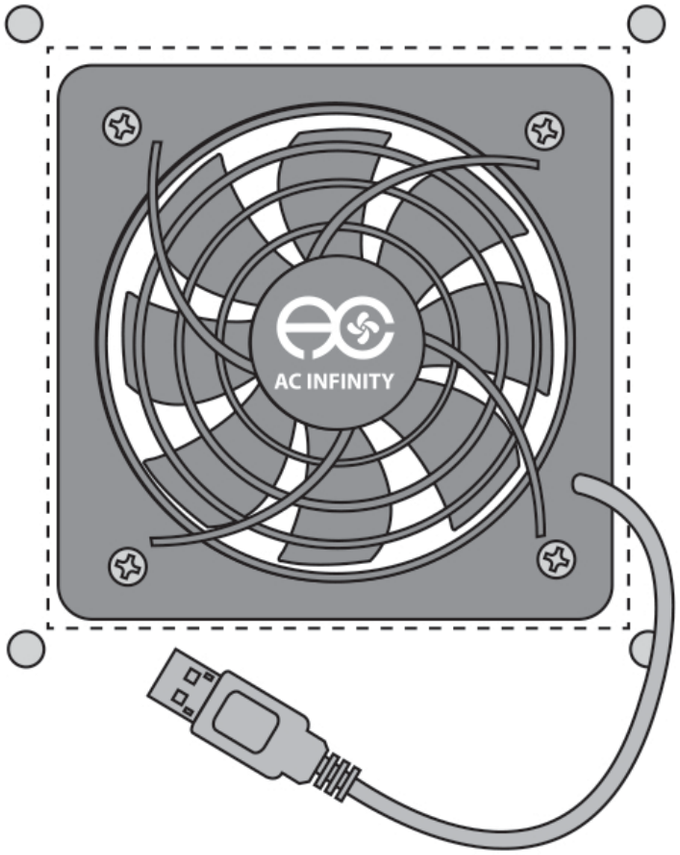
STEP 3



Using the four machine screws, secure the fan unit’s frame onto the cabinet or wall. Push each screw through their corresponding hole located on the frame and wall. You may also use the included wood screws instead.

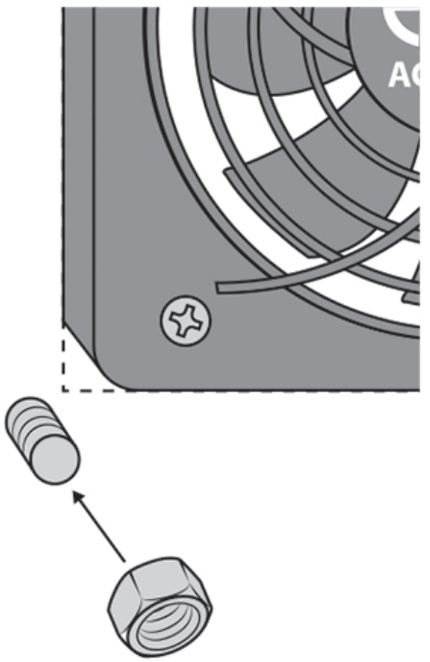
MOUNTING

STEP 4



Please check to make sure that the USB cord is coming out from the backside and not the front.

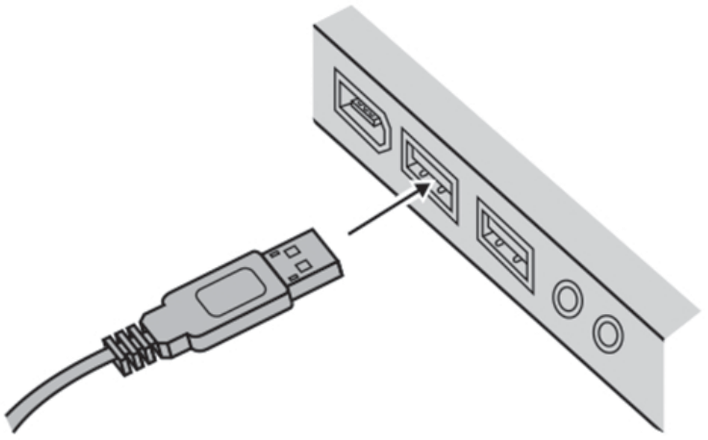
There are four screws on the frontside and backside of the unit. You can unscrew the unit to change the airflow direction of fans inside.



Lastly, place the four nuts on each corresponding screw and tighten to finish securing the unit. Loose screws and improper sized screw holes can cause vibration noises.

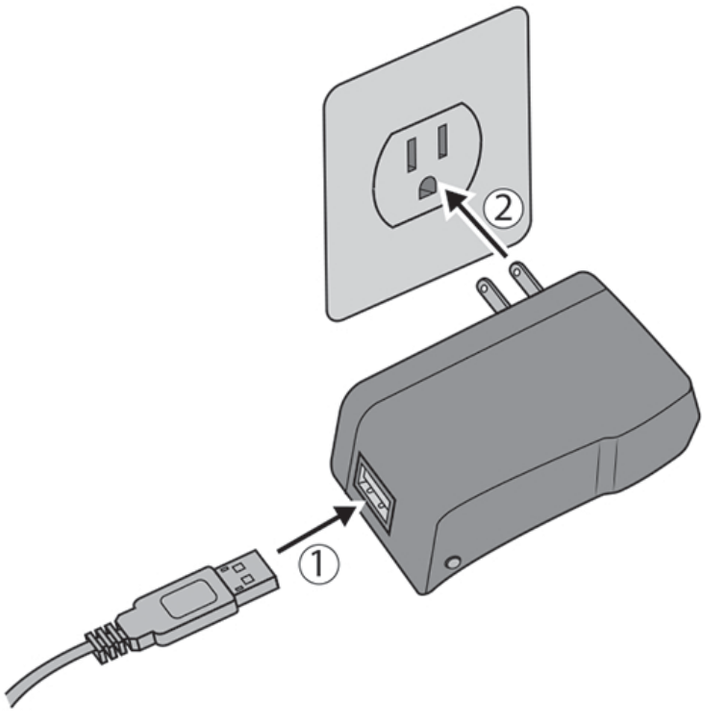
POWER OPTIONS

USB PORT



Plug the fan’s USB connector into a standard USB port. Please use a dedicated USB port rated 500 mA or higher, the standard on most electronics.

WALL OUTLET

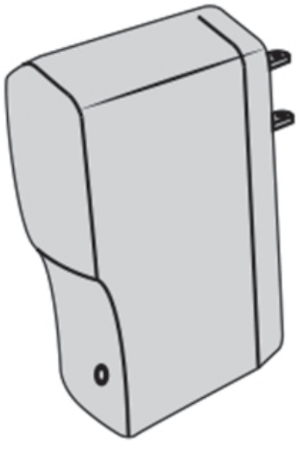


Attach the Boost Adapter onto the USB, then plug it into a standard 100 to 125V AC wall outlet. This will also increase the fan’s speed, please see page 12 for more details.

SPEED CONTROLLER

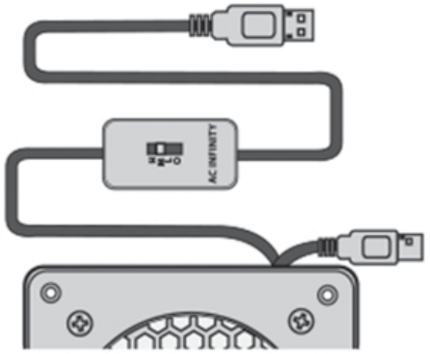
The speed controller located on the cord allows you to adjust the fan's speed from off to low, medium, and high. Any fans that are daisy chained will also have their speed changed. Please make sure that the additional fans have their speed set on high.

BOOST ADAPTER

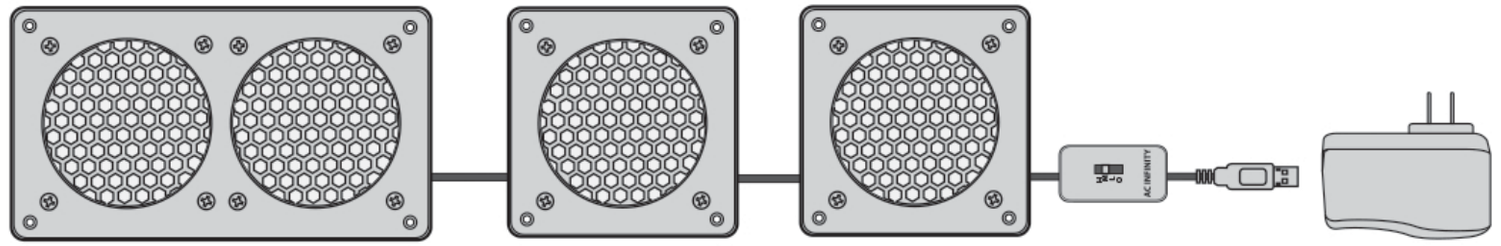


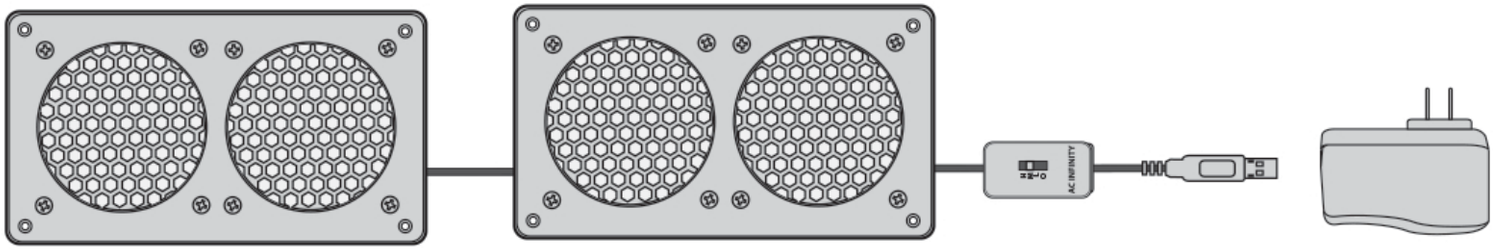
The Boost Adapter is designed to maximize the performance of our fans. Using the adapter will increase the fan's speed by up to 25%. If the higher speed is too loud for your application, use the speed controller to reduce the noise level.

ADDING MORE UNITS



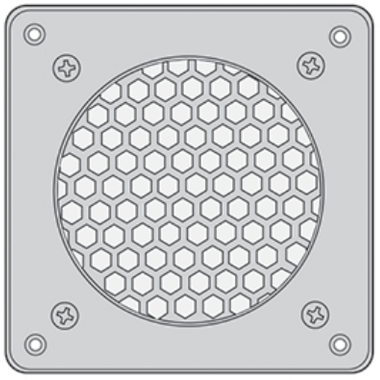
Each fan unit includes an USB port that can connect to an additional fan. Up to four fans can be powered through one dedicated USB port or outlet source.





Single kits contain one fan while dual kits contain two fans. The power source’s USB port has to be rated 500 mA in order to power four fans. , AIRPLATE fans can also be thermal controlled, please see page 14.

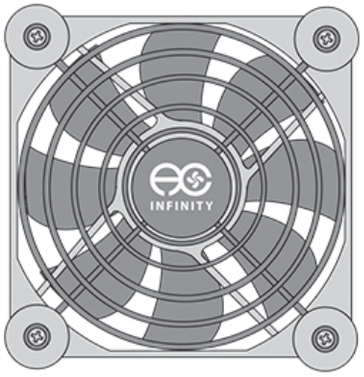
AC INFINITY PRODUCTS



AIRPLATE SERIES

The AIRPLATE series is designed to cool home theater and audio video cabinets. Can be powered by USB port or wall outlet. Includes speed controller and Boost Speed wall adapter.

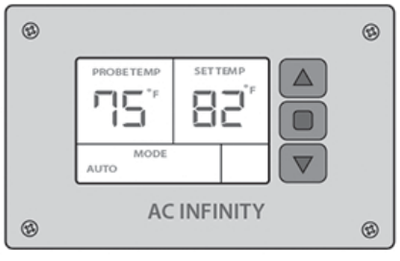
PRODUCT	MODEL	DIMENSIONS
AIRPLATE S1	AI-CFS80BA	4.6 x 4.6 x 1.3 in.
AIRPLATE S3	AI-CFS120BA	6.3 x 6.3 x 1.3 in.
AIRPLATE S5	AI-CFD80BA	8.4 x 4.4 x 1.3 in.
AIRPLATE S7	AI-CFD120BA	11.7 x 6.1 x 1.3 in.



MULTIFAN SERIES

The MULTIFAN series fans can be placed on top of electronics to exhaust hot air. Can be powered by USB port or wall outlet. Includes speed controller and Boost Speed wall adapter.

PRODUCT	MODEL	DIMENSIONS
MULTIFAN S1	AI-MPF80A	3.1 x 3.1 x 1 in.
MULTIFAN S3	AI-MPF120A	4.7 x 4.7 x 1 in.
MULTIFAN S4	AI-MPF140A	5.5 x 5.5 x 1 in.
MULTIFAN S5	AI-MPF80A2	3.1 x 3.1 x 1 in. per fan
MULTIFAN S7	AI-MPF120A2	4.7 x 4.7 x 1 in. per fan



ADVANCE FAN CONTROLLER

Up to four AIRPLATE and MULTIFAN fans can be connected to the controller, allowing you to set temperatures at which the fans will power on. Includes speed control and a SMART mode.

PRODUCT	MODEL	DIMENSIONS
FAN CONTROLLER	AI-ATC	4.3 x 2.8 x 1 in.

WARRANTY

This warranty program is our commitment to you, the original purchaser, that each product sold by AC Infinity will be free from defects in manufacturing for a period of one (1) year from the date of delivery. If a product is found to have a defect in material or workmanship, we will take the appropriate actions defined in this warranty to resolve any issues.

The warranty program applies to any order, purchase, receipt, or use of any products from AC Infinity. The program covers products that have become defective, malfunctioned, or expressively if the product becomes unusable. The warranty program goes into effect on the date of delivery. The program will expire one year from the date of delivery. If your product becomes defective during that period, AC Infinity will replace your product with a new one or issue you a full refund.

The warranty program does not cover abuse or misuse. This includes physical damage, submersion of the product in water, incorrect Installation such as wrong voltage input, and misuse for any reason other than intended purposes. AC Infinity is not responsible for consequential loss or incidental damages of any nature caused by the product. We will not warrant damage from normal wear such as scratches and dings.

If you are not 100% satisfied with this product, we will be happy to replace it or issue you a full refund. Please contact us!

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