

ADD-ON / REPLACEMENT FAN KIT FOR AMPSHELL

DISCONNECT POWER TO ENCLOSURE BEFORE PROCEEDING - RISK OF ELECTRIC SHOCK!

> ADDING A NEW / ADDITIONAL FAN (Active Exhaust)

1. Remove four phillips head screws from the upper ventilation cover on the inside of the door.
2. Check the orientation of your new fan against your existing fan. Using the arrows imprinted on the side of the fan. These arrows show you rotation direct and air flow direction.
3. Your existing LOWER fan should be configured with air flow coming IN to the enclosure, this forces hot air out of the top vent. You will need to orient your new TOP fan so that its air flow is blowing OUT, so it is opposite of the bottom fan.
4. With the airflow arrow pointing OUT (fan label side facing OUT), install the fan with the existing Screen between the fan and the enclosure.
5. Place the existing fan guard over the new fan, be sure to follow the instructions on the guard as a specific side of the guard must face the fan blades to ensure proper clearance.
6. Assemble the internal parts with the new longer screws provided with the new fan, start with 1 screw to line up the parts. Push screw through fan guard, fan, filter and screw into the outer vent shroud. Ensuring to line up the screws with the holes in the vent shroud.
7. Once the first screw is in, continue adding the additional screws and aligning with the holes in the outer vent shroud.
8. Tightening each screw to press the vent shroud seal firmly against the outer lid (do not over tighten!)
9. A. For Gen2 Enclosures - Connect the existing extra fan power cable jumper from fan 1 to the new fan. Orientation of the connection is not important.
B. For Gen1 Enclosures - Use the included power cord in your fan kit to plug the new can directly into your enclosure's power outlet. Orientation of the connection is not important.
10. Wire-tie and loose or excess wire so that it does not interfere with operation.

> REPLACING AN EXISTING FAN

1. Remove four phillips head screws from the existing fan you're replacing on the inside of the door.
2. Check the orientation of your new fan against your existing fan. Using the arrows imprinted on the side of the fan. These arrows show you rotation direct and air flow direction.
3. Your existing LOWER fan should be configured with air flow coming IN to the enclosure, this forces hot air out of the top vent. If you have a TOP fan, it will be configured to blow OUT, this helps exhaust hot air.
4. With the airflow arrow pointing in the correct direction depending on which fan your replacing (IN for lower / OUT for upper). Install the new fan with the existing Filter between the fan and the enclosure.
5. Place the existing fan guard over the new fan, be sure to follow the instructions on the guard as a specific side of the guard must face the fan blades to ensure proper clearance.
6. Assemble the internal parts with the new longer screws provided with the new fan, or reuse your existing screws if you have them, start with 1 screw to line up the parts. Push the screw through the fan guard, fan, filter, and then screw into the outer vent shroud. Ensuring to line up the screws with the holes in the vent shroud.
7. Once the first screw is in, continue adding the additional screws and aligning with the holes in the outer vent shroud.
8. Tightening each screw to press the vent shroud seal firmly against the outer lid (do not over tighten!)
9. Reconnect the existing fan power cables to the new fan. Orientation of the connection is not important.
10. Wire-tie any loose or excess wire so that it does not interfere with operation.

IMPORTANT! Before energizing check that the fan can spin freely, if not... check the fan guard is installed in the correct direction, and check that the screws are not over tightened.

WARNING! Risk of serious injury or death. Fans operate on direct 120v AC Power. Disconnect enclosure cord from power source before servicing fans, thermostats or any other part of the internal power systems.