

CabCool Fan Cooler Kit

Congratulations on your decision to purchase a CabCool Fan Cooler Kit for Cabinet & Home Theaters. Ultra quiet and easy to install, the CabCool will effectively cool your cabinet or multimedia center. The CabCool kits are available with 120mm and 80mm fan sizes. They come in single fan (1201 / 801), two fan (1202 / 802), or three fan¹ (1203) kits.

INCLUDED IN YOUR KIT:

QUANTITY			DESCRIPTION
SINGLE FAN	TWO FAN	THREE FAN (120mm only)	
1	2	3	Ultra Quiet Cooling Fan ²
1 hole	2 hole	3 hole	Black Acrylic Fan Bracket
1	1	1	Coolerguys Thermal Controller ³ with built-in external temperature probe wire for spot placement. High = ON at 86.6° F OFF at 80° F Includes Adhesive Velcro® strip for optional attachment to back.
--	--	1	3 Pin "Y" Adapter
1	1	1	CS 110v AC to 12v DC Power Supply with 4 pin molex adapter
1	2	3	Black 120mm Mesh Fan Grills with improved airflow
1	2	3	Black 120mm Fan protector grills
8	16	24	Fan screws
4	4	6	½" Black Cabinet Screws
5	8	10	Black 4" Nylon Zip Ties

INSTALLATION INSTRUCTIONS

In addition to your CabCool kit, you will need a screwdriver, a saw for cutting into the cabinet (we recommend a jigsaw), an erasable marker, and a pair of scissors.

- Determine the placement of the CabCool Fan assembly. Take care to ensure the location has a permanent outlet available as well as proper clearance for the cooler.
- Draw the hole size for your bracket: This is the area to be cut out from the cabinet.
(Not Valid for wood grills. Use enclosed wood template for wood grills).

Single 120mm = 130mm x 130mm Dual 120mm = 130mm x 290mm Triple 120mm = 130mm x 410mm
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Single 80mm = 85mm x 85mm Dual 80mm = 85mm x 175mm

¹ The 3 Fan kit is available in 120mm size only.

² 1350 RPM, 47 CFM, 28 dBA @ 100%, 30,000 life hours (Fan Specs may vary slightly, depending on availability.)

³ Lite Kits and Kits with 80mm fans do not include Thermal Controller. It is available as an optional purchase. Most of our fans included in the kits are rated for continual long-term use.

These are Generic instructions. Kits are subject to change based on manufacture updates. See our website for up to date information. Measure

- Using the jigsaw and following proper procedures, carefully cut out the measured box from the cabinet.
IMPORTANT: Be careful not to cut larger than dimensions above. You need to cut out an area for the fan to be installed, yet leave enough surface to attach the bracket to your cabinet.

You are now ready to assembly your kit.

Kit Assembly

Keep in mind that the textured side of the fan bracket will be facing out on your cabinet or home theater.

- On the “shiny” side of the Fan Bracket, place the Mesh Bracket⁴ into its location in the fan hole. The Mesh Bracket should be placed so the side that is rounded outward protrudes into the fan hole.
- Align the screw holes on the Mesh Bracket with the screw holes around the hole on the Fan Bracket.
- Taking care to orient the fan so that it will blow in the proper direction⁵, place it on the Mesh Bracket with the fan screw holes aligned.

Most fans have an arrow on the side indicating the direction of the airflow.

- Entering the screw holes from the textured side of the fan bracket, use four fan screws to attach the fan and mesh bracket to the fan bracket.

Make sure the fan wire tails are going to be easily accessible and out of the way of the fan.

- Using four fan screws, attach the protector grill to the back of the fan.
The protector grill prevents fingers and wires from jamming into the moving fan blades.
- Repeat steps 1 through 5 for each fan in your kit.
- If included, plug the fan(s) into the Thermal Controller. For Three fan kits: use the 3-pin “Y” adapter.
- If applicable, plug the temperature probe wire into the Thermal Controller.
- Using this zip ties, tie the wires and plugs together to keep them out of the way of moving fans.

Final Placement and Connection

- Carefully place the assembled components into the designated location.
- Attach the fan bracket to the cabinet with the cabinet screws provided.
- Plug the 4-pin molex adapter on the Power Supply into the Thermal Controller⁶.
- Using the Velcro® brand adhesive strip provided, attach the Thermal Controller to an inside surface of the cabinet.
- If you are using the temperature probe wire, extend it to the desired location and use a piece of adhesive tape to hold it in place.
- Zip ties are for wire placement and cabinet cleanup
- Plug the Power Supply into the outlet.

[See website for additional information and images](#)

<http://www.coolerguys.com>

[Youtube video instructions](#)

⁴ Different kits have various styles of grills not all are mesh. Wire grills usually are installed on the outside of bracket.

⁵ Direction of airflow depends on the type of cabinet and personal circumstance.

⁶ Lite kits plug directly into power supply.