

Filters for GE Profile Range Hoods

The fan-driven vent hood above the cooking burners in the kitchen may not be doing all it can to get rid of smoke and cooking odors. It may be adjusted incorrectly and not doing any good at all.

These hoods (models JV5xx) are made to be installed in either of two modes; "ventless," with carbon inserts (used to reduce cooking odors) but exhausted back *into* the house, or "vented", without carbon inserts and exhausted to the *outside* of the house through a roof vent.

Here's how to test and adjust.

First, test for ventless or vented adjustment

Turn on the fan and hold your hand over the top center part of the metal cover. There's an exhaust opening there and you should feel a strong draft of air being pushed through it. If you do, your vent is adjusted to act as a filter, and exhausts air back into the house. Skip to **Filters for venting into the house** below.



If you feel a very weak draft of air or none at all, the hood is adjusted to exhaust the air out of the house. It may or may not actually have the rest of the parts installed to allow that to happen, so now we have to test for the presence of those parts.

Get a small pan of water boiling, turn on the hood fan and lights, and hold the pan up high enough to let the steam visibly collect under the hood intake screens. If the steam is pulled into the screen and *not* being blown out through the vent on top, then the hood is exhausted to the outside of the house. It is adjusted properly and working properly. No need to install charcoal filters. **You can stop at this point.**

However, if the steam just rolls around and isn't being pulled actively into the screens, your hood is adjusted to exhaust air out of the house but can't do so because the rest of the vent parts aren't there. It was installed to act as a ventless filter, but is adjusted incorrectly.

Changing the ventless/vented adjustment

To access the adjustment lever take out both the silver grease screens in the vent. Push the handle on each one away from you and the screen will tilt down at the front. Pull the screen forward and it will come out in your hand. If there is still blue tape around the border of the screen, take it off. The screens can be run through the dishwasher to clean them, but take the blue tape off first.

The lever that changes the direction of air flow through the hood is just behind the metal shield with the lights and switches in it, on the right side (if you're facing the wall) of the center black plastic assembly that holds the fans. The lever is black plastic, only about an inch long, and tucked up into a recess just behind the metal facing. You'll need to lean over the cook top and look up and back toward the kitchen to see it. A flashlight helps. See pictures below.

The lever moves very easily. To exhaust air into the kitchen (left photo), the lever should be in the vertical position, with its tip secured behind the triangular plastic stop to hold it in place. To exhaust out of the house, the lever should be horizontal (right photo).



Filters for venting into the house, and reducing cooking odors

The filters are GE part number WB02X10707. The best deal I found for them is on the Walmart.com website. Search the Walmart site with **filter wb02x10707**. There will be a long list at surprisingly high prices for pairs of these, but find the single ones for \$9.01 (Feb 2018) and buy two. No charge for shipping. It might be prudent to buy spares.

Installing the filters

These work with the grease screens, not in place of them. Take out the grease screens and just lay the thin charcoal filters on top of them (see photo, right). They don't fasten in any way. Put the screens/filters back into the hood.

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