



Proline PLGL Vortex

INSTALL MANUAL

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Safety Information

Ask a qualified professional such as a licensed general contractor to install your range hood. Electrical wiring must be installed, insulated, and grounded by a licensed electrician familiar with your local codes and regulations. If you don't have this background, do not install the hood yourself. Poor installation or electrical work may result in an injury.

- Range hoods can be heavy to mount, so always ask a friend for help.
- Wear protective gloves when handling the range hood and its filters. The edges can be sharp.
- For residential use only. Do not install your hood in a restaurant or other commercial environment. Our hoods do not abide by the rules and regulations for commercial use.
- Do not use your hood to vent hazardous or explosive materials and vapors. This is incredibly dangerous and may result in serious injury.
- When cleaning the unit, make sure the power is turned off.
- When troubleshooting or replacing the touch panel, circuit board, or other electrical components, turn power to the range hood off.
- Check your local codes and regulations to see what type of ductwork is required. Some codes require rigid metal ductwork. Do not use flex duct for your range hood, as it can wear down quickly. Air may escape into your walls or attic.

- Never vent your ducted hood into an attic, joists in your ceiling, or a soffit. Always vent the hood to the outside to keep grease, smoke, and unwanted contaminants out of your home.
- Avoid electrical wiring when drilling a hole into your wall or ceiling for ductwork.
- Clean or replace old ductwork with new rigid ductwork to prevent potential grease fires and increase the efficiency of your range hood.
- Seal all joints in your duct system with aluminum tape to prevent air from escaping in your walls or attic.
- Check your local regulations to determine if you need make-up air. When a range hood vents air out of your home, that air has to be replaced. If you operate a powerful range hood (600+ CFM) in a small kitchen, you may need make-up air. We do not sell make-up air kits.
- Clean your range hood filters, grease trays, and the range hood every few weeks. Heavy grease buildup shortens the life of your hood and it may lead to a grease fire.
- All Proline range hoods are ETL certified. They meet all industry standards and regulations to ensure your safety.
- Use the high setting on your range hood to vent heavy smoke or heat in case of emergency. Otherwise, use the lower settings to prolong the life of your hood.
- While your range hood is on, do not leave your cooking area unattended.

Safety Information (continued)

- When cooking with oils, do not heat them past their smoke point. If oil starts smoking, turn off the burner and discard any food that came into contact with it. Do not use extra virgin olive oil in high heat, since it starts to smoke at around 300° Fahrenheit.

In the event of a grease fire:

- Smother the flames with a large lid, pan, or baking sheet. If the fire is small, smother it with baking soda or salt. For larger fires, use a fire extinguisher.
- Turn off all burners.

- Do not touch a flaming pan. This may result in serious burns.
- Keep all flammable materials away from the grease fire. This may include nail polish remover, flour, rubbing alcohol, and hand sanitizer, among other household items.
- Do not pour water on a grease fire. Water will spread the oil around, making the fire more potent and dangerous. Wet towels and rags will also spread the oil, so avoid using these as well.
- If you cannot contain the fire, call the fire department immediately.

Warranty Information and Return Policy

Proline 3-Year Warranty

All of our range hoods have a three-year warranty. For the first year, we cover parts and labor. This doesn't include installation. For the second and third years of your warranty, we'll cover parts only. This warranty covers every part of your range hood except the following:

- Range hood filters
- Range hood lights
- Any dents, dings, scratches, or other damage to the outside of the hood

If you're outside of the warranty and your hood is not working properly, call us at (877) 901-5530 and we'll help you resolve your issue. We can typically help fix your Proline range hood at a reasonable price so you don't have to replace the entire range hood.

Proline Return Policy

For the most accurate return policy, please scan the QR code at the back of this manual or visit our website. Printed materials may occasionally be outdated or incomplete. Always refer to our online support section for the latest information.

We want you to be completely satisfied with your purchase. Please read the following carefully before installation or discarding packaging:

1. Damaged or Defective? Let Us Know Within 5 Days

If your hood arrives damaged or defective, you must notify us within 5 business days of delivery. We'll work with you

to repair, replace, or fully refund the item at no cost to you. Claims made after 5 business days will not be accepted.

2. Changed Your Mind? Return Window Up to 30 Days

If your hood is not damaged but you still want to return it, you may request a return within 30 days of delivery. If your return is approved, a 20% restocking fee will apply.

3. No Returns After 30 Days

We do not accept returns under any circumstance beyond 30 days from delivery.

4. Installed Products Cannot Be Returned

Items that have been installed or show any signs of installation are not eligible for return.

5. Keep the Packaging

All returns must include the original packaging. If any part of the packaging is missing or discarded, the return will be denied.

6. Photo Documentation Required

To process a return request, photo documentation is required:

- If the box has been **opened**, you must provide **6 clear photos** showing all sides of the range hood, including the top and bottom, *outside* of the packaging.
- If the box is **unopened**, please provide **photos showing the factory seal on the tape has not been broken**.

CHIMNEYS AND CHIMNEY EXTENSIONS ARE NOT RETURNABLE.

Ensure the product is uninstalled, repackaged in the original box with all accessories, and in new condition.

Pre-Installation

Tools Required



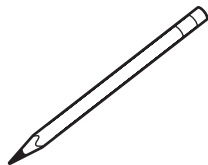
Safety Goggles



Safety Gloves



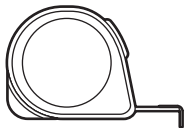
Utility Knife



Pencil



Tape



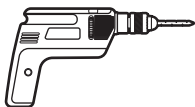
Measuring Tape



Phillips Screwdriver



Flathead
Screwdriver



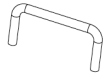
Electric Drill



Level

Pre-Installation (continued)

Parts Supplied

DESCRIPTION	IMAGE	QUANTITY
Undercabinet Grill Hood		1
Construction Mounting Screws (1-1/2")		4
Construction Mounting Washers		4
Ducting Transition Piece		1
Round Head Screws for Ducting Transition Piece		20
Baffle Filter Spacer		Varies by size
Baffle Filters		Varies by size
Baffle Filter Handles		Varies by size
Baffle Filter Handle Screws		Varies by size
Grease Tray		1
Blower Pack (Single 600 or Dual 1200)		1
Machine Screws for Blower Pack		10
Ducting Transition Piece (8")		1
Round Head Screws for Ducting Transition Piece		4

 **ELECTRICAL NOTE:** Most of our hoods operate on a standard 120V connection and draw between 5–7 amps. If applicable, using heat lamps will increase the amp draw, so check the specifications of the bulbs. To avoid overloading your circuit, consider a dedicated line for your hood. When in doubt, consult a qualified electrician.

Pre-Installation & Inspection

Step 1: Unpack and Inspect

They should include, depending on the specific model of your Carefully remove all components from the boxes:

- Range Hood Body
- Blower Pack (Single 600 CFM or Dual 1200 CFM)
- Stainless Steel Baffle Filters
- Grease Tray
- Transition Piece (for ducting)
- Hardware & Installation Manual
- Inspect the stainless steel body and all components for shipping damage.

If you discover damage or missing parts, stop and contact us immediately at (877) 901-5530.

Step 2: Test the Blower Pack (Before Attaching to the Hood)

Important: Do not attach the blower to the hood or begin installation until you've confirmed everything works. Once the blower is installed, returns due to damage or defect may not be accepted.

- ☐ Remove the blower from its packaging.
- ☐ Locate the two color-coded wires on the blower (black and white).
- ☐ Connect these to the matching wires on the hood:
 - Black to black
 - White to white
- ☐ Plug the hood into a standard 110V outlet.
- ☐ Test the blower using the control panel to ensure it operates properly.
- ☐ Test the LED lights.

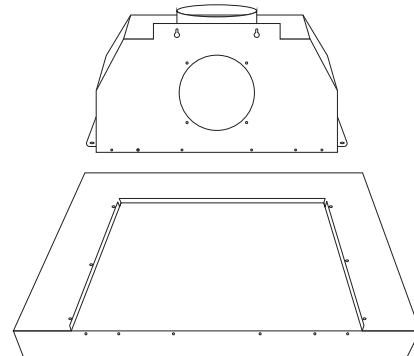
Note: The blower pack is designed with flexibility in mind. On the 600 CFM model, the exhaust outlet can be easily rotated to vent out the back of the hood. This adjustment must be made prior to final installation. If rear venting was requested at the time of order, the blower may already be configured this way.

If you plan to rotate the exhaust outlet yourself, scan the QR code to the right for a step-by-step video guide.

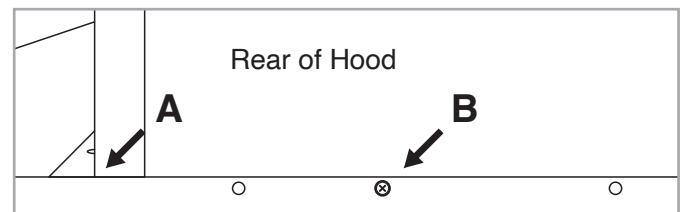


Installing the Blower Pack

Position and Secure the Blower



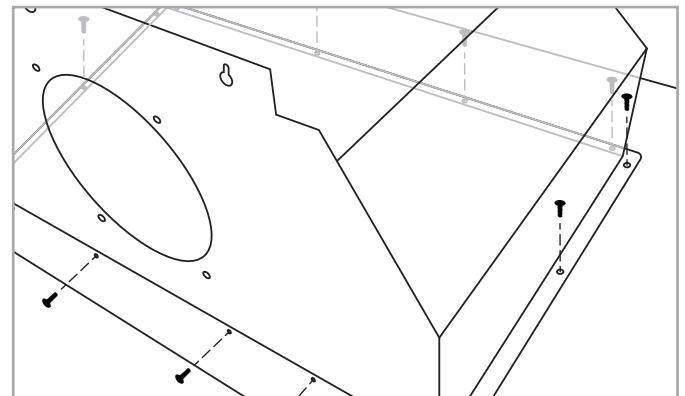
- ☐ Locate the integrated flange on top of the range hood cavity. This flange helps guide the blower into position and provides a flush mounting surface. Before setting the blower in place, make sure the power cords are tucked safely inside the housing.



- ☐ Carefully lower the blower over the cavity so that the mounting holes on the blower line up with the pre-drilled holes in the hood. The blower should sit flat and flush against the flange.

A: Shows how the flange fits up inside and against the side wall of the blower.

B: Shows the circuit board cover mounting screw — **do not remove this screw.**



- ☐ Once everything is aligned, use the provided screws to securely fasten the blower to the hood.

Wiring and Testing

- Connect the two wiring sets between the blower and the hood — one for the lights and one for the control panel. After connecting, test both the lights and blower using the control panel to confirm proper operation before moving forward.

Note: If you are using a 6" duct, no transition piece is required. Only dual blower installations with an 8" duct will require the transition to be installed.

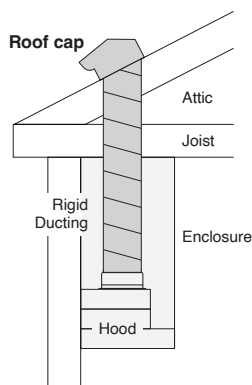
Ducting

1. Plan where your ductwork will be located.

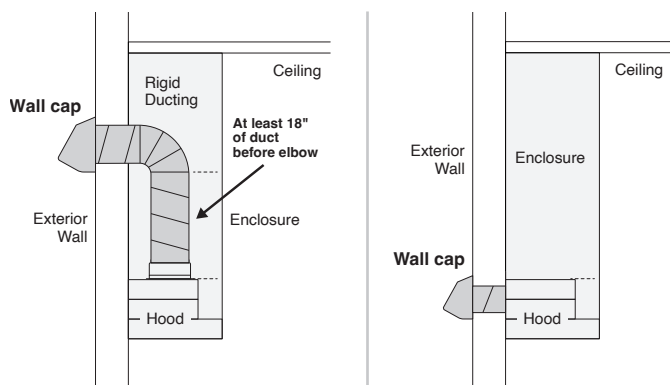
- Install your ductwork in the shortest unobstructed path to the outside of your home.
- Select a path that avoids studs, electrical wires, and other obstacles in your walls.

Venting Options

The best option is to vent vertically through the roof if possible, since hot air rises. See the diagram below.



Or, vent through a side wall if you cannot vent directly above your hood. You can also install your insert over a kitchen island and vent it through the ceiling, as in the picture in the next column.



Best Practices when Ducting Your Range Hood

Before you cut holes in your home, if you aren't certain of what is inside the wall where you are cutting, consult a contractor.

- Include at least 18" straight from the transition piece before using an elbow in the duct.
- Make sure there is at least 18" of straight duct between other elbows.
- Use rigid galvanized steel or metal HVAC ducting only.
- Do not terminate the vent system into an attic, or another enclosed area.
- Do not use 4" (10.2 cm) laundry-type wall caps.
- Do not use plastic flexible duct.
- Do not use more than 30' of ductwork.
- Do not reduce the diameter of your ductwork from the hood outlet size. This will lead to poor performance.
- A round duct is more efficient than a rectangular duct. Both are viable choices, but if you have the option, use round ductwork.
- For each elbow in your duct, reduce the total length of your duct run by 5'.
- Do not use more than two elbows in your ductwork. The fewer the elbows, the better.

Before you cut holes in your home, if you aren't certain of what is inside the wall where you are cutting, consult a contractor.

2. Cut a hole 1-2 inches larger than your duct diameter in your ceiling or wall.

- Once you have decided whether to run your duct vertically or horizontally, cut the hole for your ductwork. If you're cutting a hole in the ceiling, center it over the range hood.
- Use the duct transition piece as a guide to determine the size of this hole.
- Trace around the transition on your ceiling or wall.
- Use your sheetrock saw to cut the hole 1-2 inches larger than the transition.

3. Thread the ductwork from the exterior of your home to the range hood.

- If you can hop in your attic or basement, these are generally the easiest places to thread ductwork.
- Otherwise, you may have to choose a couple of areas to cut out access points in your ceiling or wall.

4. Carefully thread ductwork through the ceiling.

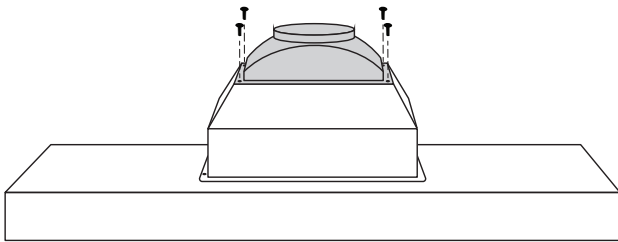
Hood Installation

Before You Begin: Transition Installation (If Required)

- Single Blower (600 CFM): No transition needed.
- Dual Blower (1200 CFM): Install the included 8" adapter now.

To Install the Transition:

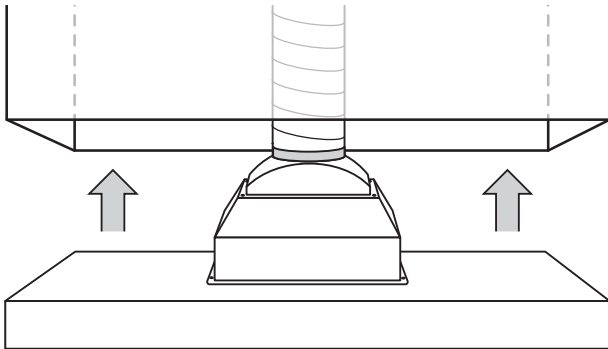
- ☐ Align the transition with the blower's exhaust outlet.
- ☐ Secure it with the provided screws.



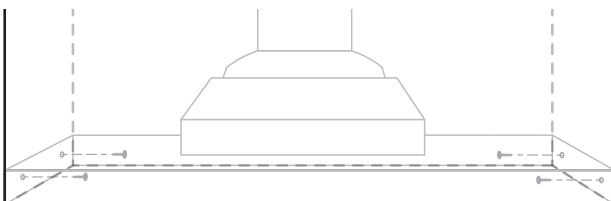
Step 1: Plan Your Installation

Your installation sequence depends on your cabinet or enclosure design:

Fully Enclosed Cabinets (No Top Access):

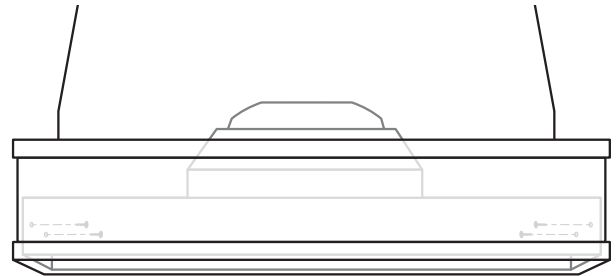


- ☐ Connect your ductwork to the hood now, while it's accessible.
- ☐ Once the ductwork is attached and sealed, lift the hood into place.



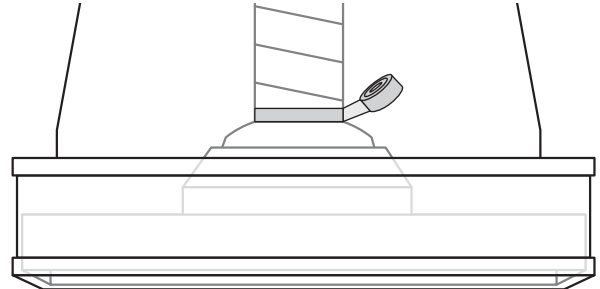
- ☐ Secure the hood using the provided screws through the four mounting holes on each corner.

Open-Frame or Partial Cabinets (Top Access Available):



- ☐ Lift the hood into place and secure it with the provided screws through the four mounting holes on each corner.
- ☐ After the hood is mounted, connect and seal your ductwork from above.
- ☐ Consult a professional if you're unsure which method applies to your project.

Step 2: Ductwork Connection (If Not Already Done)



- ☐ Attach your ductwork to the top of the hood or transition.
- ☐ Secure with screws as needed.
- ☐ Use aluminum HVAC tape to seal the connection airtight.

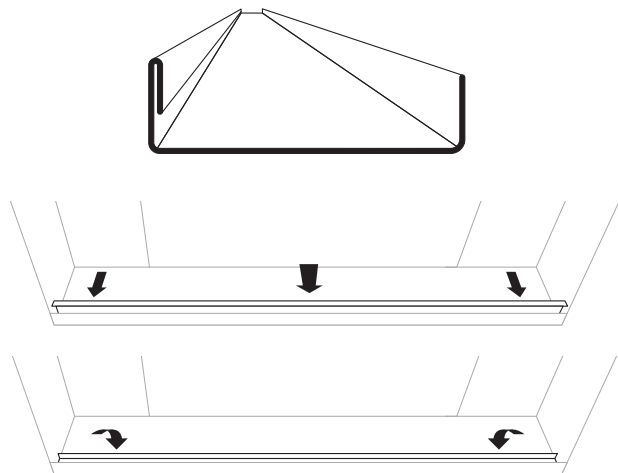
Important:

The 600 CFM blower can be rotated for a rear exhaust configuration. This must be done before installing the hood.

Scan the QR code in the Pre-Installation & Inspection section for a quick video showing how to rotate your blower.

Grease Tray Installation

Installing the Grease Tray



☐ Identify Tray Orientation

The grease tray has one rounded edge and one sharp edge.

- The rounded edge should face the top of the hood.
- The sharp edge will lock into a ridge at the bottom-rear of the hood interior.

☐ Install the Grease Tray

- Slide the sharp edge of the tray under the front ridge inside the hood.
- Push the top of the tray 90° towards the rear of the hood, making sure it seats securely into place to prevent movement.

Baffle Filter Installation

Installing Baffle Filters

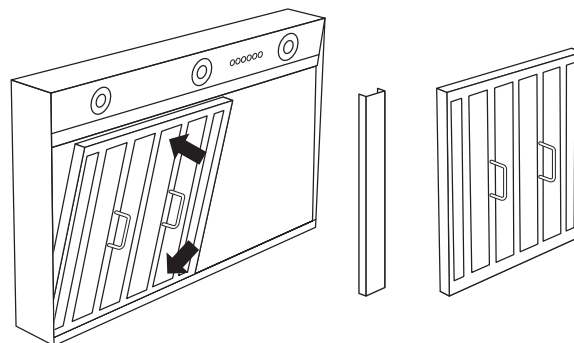
WARNING: Edges on the baffle filters and baffle channels may be sharp- please use caution when installing and removing. Do not attempt to disassemble baffle filters, as the process may result in injury.

Before installing the baffle filters, attach the included stainless steel handles to each filter.

Each baffle filter requires:

- 2 handles
- 4 small screws (included)

- ☐ Secure the handles to the pre-drilled holes on the filters using the provided screws. Repeat this process for all filters.



☐ Installing the Filters

- Hold the filter by the handles.
- Tilt the back edge of the filter upward and insert it into the rear of the hood.
- Slide the filter in far enough to allow the front edge to fit completely inside the hood.
- Lower the filter so it rests securely on the back and front channels.

If your hood includes a spacer:

- With one spacer, it installs in the center position
- With two spacers, they install at each end of the filter openings.

- ☐ Repeat this process for the spacer (if included) and any additional filters

Final Steps

Make a few final checks to ensure your installation is solid:

- Confirm that the hood is level and properly aligned within the cabinet.
- Tighten any mounting screws as needed.
- For added support, you may install additional grabber or self-tapping screws through the hood's mounting flanges.

That wraps up your wall range hood installation! Great work!

We are happy to help you with any questions or concerns you may have. Please create a ticket, email us at support@prolinerangehoods.com or call our support line at (877) 901-5530 to talk to a live representative.

Maintenance

Your hood is equipped with stainless steel baffle filters and grease trays, both dishwasher safe and easy to remove for cleaning

To remove the baffle filters:

Slide the filter upward, then pull the lower edge out toward the back of the hood to remove it.

Repeat this process for all remaining filters and spacers if included.

To remove the grease trays:

Simply lift the tray upward to release it from the front clip, then slide it out of the grease tunnel channel.

Handle with care. Filters and trays may have sharp edges. Avoid bending or forcing them during removal or cleaning.

Latest Installation Manual

Stay Up to Date

We're always improving our installation guides to make them clearer and more accurate. Scan the QR code below to access our online installation guide portal, where you'll find the most current instructions for your Proline hood. This ensures you have the latest tips, diagrams, and updates—even if changes were made after your manual was printed.





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Call (877) 901-5530
support@prolinerangehoods.com
www.prolinerangehoods.com

Our Support team hours are:
Mon-Fri 8:30 am – 5:00 pm MST
