



Proline PLGL185 Installation Manual

IMPORTANT: Read and save these instructions.

NOTICE:

Installer: Leave this guide with the homeowner

Homeowner: Keep this guide for future reference

Table of Contents

Safety Information	2
Warranty Information and Return Policy	3
Pre-Installation - Tools Required	4
Pre-Installation - Parts Supplied	5
Pre-Installation Inspection	6
Ducting	6
Hood Installation	8
Baffle Filter Care & Cleaning	8
Final Steps	9
Latest Installation Manual	9

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 (801) 973-3959 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

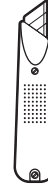
Tools Required



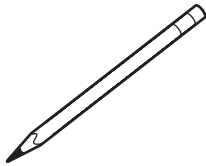
Safety Goggles



Safety Gloves



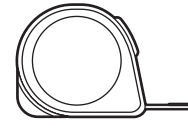
Utility Knife



Pencil



Tape



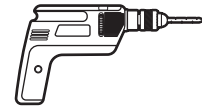
Measuring Tape



Phillips Screwdriver



Flathead
Screwdriver



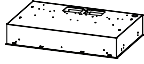




Electric Drill



Level

Pre-Installation (continued)

Parts Supplied

DESCRIPTION	IMAGE	QUANTITY
Insert Grill Hood		1
Construction Mounting Screws		Varies
3x10 Ducting Transition Piece		1
Round Head Screws for Ducting Transition Piece		Varies
Baffle Filters		2

Pre-Installation Inspection

Before installing the insert into the cabinet, inspect the hood and confirm proper operation. Testing the unit now helps prevent removal later if adjustments are needed

Check for Shipping Damage

Inspect the following areas before installation:

- Stainless steel surfaces for dents or scratches
- Blower housing for loose components
- Electrical cord for cuts or damage
- Exhaust knockout areas for deformation
- Filter channels for proper alignment

If damage is present, stop installation and contact Proline Support before proceeding.

Test Operation Before Installation

Plug the hood into a grounded 120V outlet and briefly test operation.

Confirm that:

- The blower turns on at each speed setting
- Airflow exits from the selected exhaust opening
- The LED lights operate properly
- There is no unusual vibration or noise

Unplug the hood after testing and continue with installation.

⚠ 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.

Ducting

⚠ NOTE: This hood includes a 3" x 10" rectangular duct outlet. To use round ducting, install a 3" x 10" to 6" round transition adapter (not included; available at most hardware stores). Secure the adapter before connecting your 6" ductwork for proper ventilation.

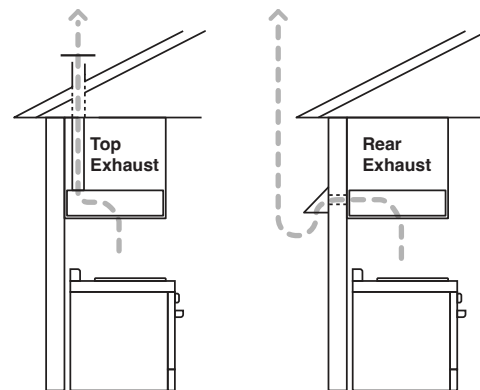
Plan Your Duct Route

Before cutting any openings, determine whether your installation will vent:

- Vertically through the cabinet and ceiling (top exhaust), or
- Horizontally through the rear wall (rear exhaust)

Vertical venting is recommended whenever possible because it provides the most efficient airflow.

If you must vent through the wall, confirm that the wall cavity is clear of wiring, plumbing, and framing obstructions before cutting.



If you are unsure what is inside the wall, consult a qualified contractor

Select Exhaust Direction

The PLGL 185 supports top or rear exhaust.

Before installing the hood:

1. Decide which direction the duct will run
2. Remove the corresponding knockout panel from the hood
3. Install the transition over the opening

Removing the Knockout Panel

The hood includes pre-punched metal knockout panels at the top and rear exhaust locations.

To remove a knockout:

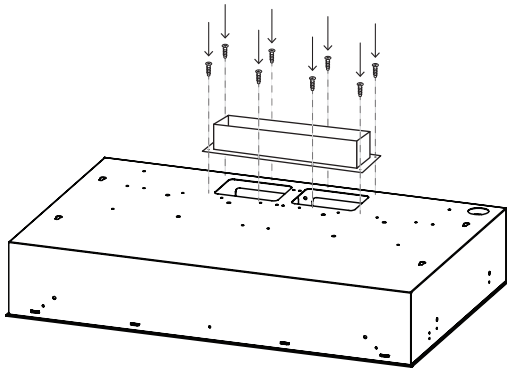
1. Locate the selected exhaust opening
2. Use a flathead screwdriver and light hammer taps if needed
3. Bend the panel inward until it separates from the housing
4. Remove any sharp edges if necessary

Only remove the knockout for the exhaust direction you intend to use.

Install The Duct Transition

After removing the correct knockout panel:

1. Position the transition over the opening
2. Align mounting holes
3. Secure using the provided screws



Make sure the transition is fully seated and sealed before connecting ductwork.

Best Practices For Ducting Your Range Hood

Install ducting using the shortest and most direct route possible to the outside of the home.

For best performance:

- Use rigid metal ducting only
- Keep at least 18 inches of straight duct before the first elbow
- Maintain 18 inches between elbows
- Do not exceed 30 feet total duct length
- Subtract 5 feet from allowable run length for each elbow
- Use no more than two elbows
- Do not reduce duct size below the hood outlet size
- Do not terminate ducting into attics or enclosed spaces

- Do not use flexible or plastic ducting
- Avoid 4-inch laundry-style wall caps

Round ducting provides the most efficient airflow where installation space allows.

Cut The Duct Opening

After selecting the vent direction:

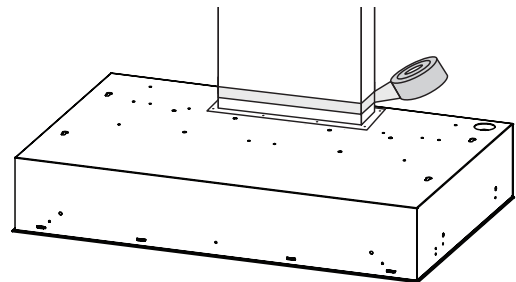
1. Hold the transition in position as a template
2. Trace the outline onto the cabinet, wall, or ceiling surface
3. Cut an opening approximately 1–2 inches larger than the transition

If possible, route ducting from the attic or basement space toward the hood location, as these areas typically provide easier access.

Connect The Ductwork

1. Slide ducting over the transition
2. Secure with sheet-metal screws if required
3. Seal all seams with aluminum HVAC tape

Proper sealing improves airflow performance and reduces vibration noise.



Remove the Baffle Filters Before Installation

Before lifting the insert into the cabinet, remove the baffle filters to access the interior mounting holes.

To remove the filters:

1. Support the filter with one hand
2. Lift the release latch at the front edge of the filter
3. Lower the front edge downward
4. Slide the filter out of the rear channel

Set filters aside in a safe location until installation is complete.

Hood Installation

Mount the Insert Into the Cabinet

Before lifting the hood into position, remove the baffle filters to access the interior mounting holes.

With assistance if needed, raise the insert into the cabinet opening and hold it flush against the cabinet base.

Secure the hood using one of the following methods, depending on your cabinet construction:

Side Mounting (Recommended)

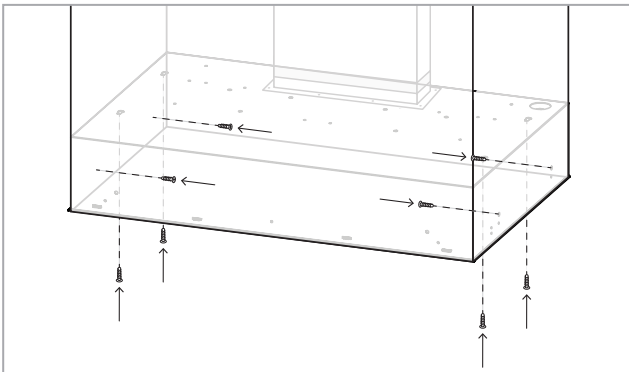
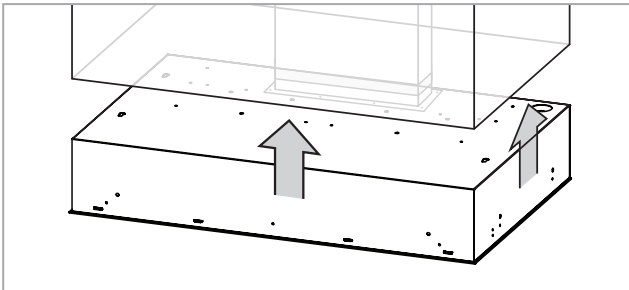
If the cabinet sides are accessible from inside the hood:

1. Align the insert so it sits centered in the opening
2. Drive the supplied mounting screws through the interior side mounting holes into the cabinet walls
3. Tighten screws evenly while confirming the hood remains level and properly aligned

Top Mounting (Alternate Method)

If there is solid framing or support material above the hood:

1. Position the insert flush with the cabinet opening
2. Drive mounting screws through the top mounting holes into the cabinet support surface
3. Confirm the hood is level before fully tightening screws



Once secured, verify the insert is stable and seated evenly on all sides before proceeding.

Baffle Filter Care & Cleaning

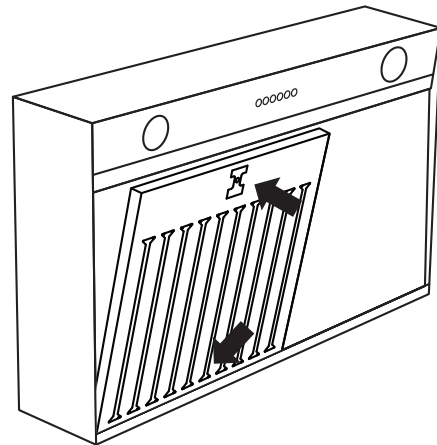
Handle with care. Filter edges may be sharp. Avoid bending or forcing filters during removal or cleaning.

The PLGL 185 includes stainless steel baffle filters designed to capture grease during cooking. Clean filters regularly to maintain proper airflow performance.

Remove The Filters

- Support the filter with one hand
- Lift the release latch
- Lower the front edge
- Slide the filter out of the rear channel
- Repeat for remaining filters

Repeat for remaining filters.



Clean The Filters

Baffle filters are dishwasher safe. For best results:

- Place filters in the dishwasher with openings facing downward
- Use a normal wash cycle with standard detergent
- Allow filters to dry completely before reinstalling

Filters may also be cleaned with warm water, mild soap, and a soft brush. Avoid abrasive cleaners or steel wool, which may damage the stainless steel finish.

Reinstall The Filters

- Insert the rear edge into the rear channel
- Lift the front edge into position
- Release the latch to secure the filter
- Confirm filters are fully seated before operating the hood

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@prolinerrangehoods.com or call our support line at (801) 973-3959 to talk to a live representative.

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 (801) 973-3959
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www.prolinerangehoods.com

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