

USER MANUAL



Models IS-500SS-30 & IS-500SS-36

H A U S L A N E | **chef** SERIES

Table of Contents

Important Safety Instructions	3
Installation Preparations	5
Duct Venting and Accessories	5
Tools Needed	5
Venting Requirements	5
Venting System Setup	7
Duct Run Calculation Chart	8
Electrical Requirement	9
Installation	10
Test Before Installing	10
Prepare the Location	10
Installing the Range Hood	11
Connecting the Vent System	11
Electrical Connection	11
Installing the Baffle Filters	11
Completing the Installation	11
Range Hood Use	12
Range Hood Control Panel	12
Range Hood Care	13
Clean the Exterior Surfaces	13
Clean or Replace the Baffle Filters	13
Replace the LED Lamps	13
Range Hood Troubleshooting	14
Safety Information	15
Warranty Information	16

IMPORTANT SAFETY INSTRUCTIONS

Before installing your range hood, read the entire instruction manual. Installers, leave this manual with the homeowner.

WARNING

SUITABLE FOR USE IN HOUSEHOLD COOKING AREA ONLY. TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY, OBSERVE THE FOLLOWING:

1. Use this range hood only in the manner intended by the manufacturer. If you have the questions, contact Chef Kitch at 1-800-929-0168 or email at info@hauslane.com.
2. Before servicing or cleaning, switch power off at service panel and lock service panel to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wiring must be done by qualified personnel in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
4. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel-burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guidelines and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. Do not use this unit with any solid-state speed control device.
8. To reduce the risk of fire, use only steel ductwork
9. This unit must be grounded

TO REDUCE THE RISK OF A RANGE TOP GREASE FIRE:

1. Never leave surface units unattended at high settings. Boil overs cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.
2. Always turn hood ON when cooking at high heat or when cooking flaming foods.
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that may ignite. Heat oils slowly on low or medium settings.

3. Always turn hood ON when cooking at high heat or when cooking flaming foods.
4. Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.
5. Use proper pan size. Always use cookware appropriate for the size of the surface element.


WARNING

TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING*:

1. SMOTHER FLAMES with a close-fitting lid, cookie sheet or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. IF THE FLAMES DO NOT GO OUT IMMEDIATELY, EVACUATE AND CALL THE FIRE DEPARTMENT.
2. NEVER PICK UP A FLAMING PAN as you may be burned.
3. DO NOT USE WATER, including wet dishcloths or towels. This could cause a violent steam explosion.
4. Use an extinguisher ONLY if:
 - A. You own a Class ABC extinguisher and you know how to operate it.
 - B. The fire is small and contained.
 - C. The fire department has been called
 - D. You can fight the fire with your back to an exit.

*Based on "Kitchen Fire Safety Tips" published by NFPA

1. 30" above the cooking surface. The minimum hood distance above cooktop must not be less than 24"; any installation less than 24" may cause overheating and cause damage to the range hood, HAUSLANE does not warrant this improper installation.
2. Two to three installers are recommended because of the larger size and weight of this hood.
3. To reduce the risk of fire and to properly exhaust air, be sure to duct air outside. Do not exhaust air into spaces within walls and ceiling or into attics, crawl space or garages.
4. Because of the high exhausting capacity of this hood, you should make sure enough air is entering the house to replace exhausted air by opening a window close to or in the kitchen.
5. Use with approved cord-connection kit only.
6. Please read product specification label on range hood for further information and requirements.

 **CALIFORNIA RESIDENTS ONLY - WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Read and Save These Instructions

INSTALLATION PREPARATIONS

DUCT VENTING AND ACCESSORIES:

- For new installation or your old range hood doesn't have an exhaust duct, prepare to cut the openings through the bottom of the cabinet, wall, top of the cabinet or ceiling, depending on the mounting type. A 6" round semi-rigid aluminum duct is included.
- If the existing exhaust duct size is not 6" in diameter, please purchase a converter / reducer / adapter / elbow.
- If the included duct is not long enough, please purchase additional ducts to extend and reach to the existing duct connection.

POSSIBLE TOOLS NEEDED:

- Jig Saw or Reciprocating Saw;
- Screwdrivers or Power Drill;
- Level;
- Measuring Tape;
- Knife;
- Duct / Foil Tape;
- Screws;
- Marker / Pencil.

2 PEOPLE ARE REQUIRED FOR THE INSTALLATION.

Venting Requirements:

- This range hood requires a venting system leading to outdoors.
- The venting system must not end in an enclosed area indoors.
- Use metal vent only. Rigid metal vent is recommended. Semi-rigid aluminum vent is also acceptable for easy connection. Plastic vent is not recommended.
- Always keep the duct clean to ensure proper airflow.

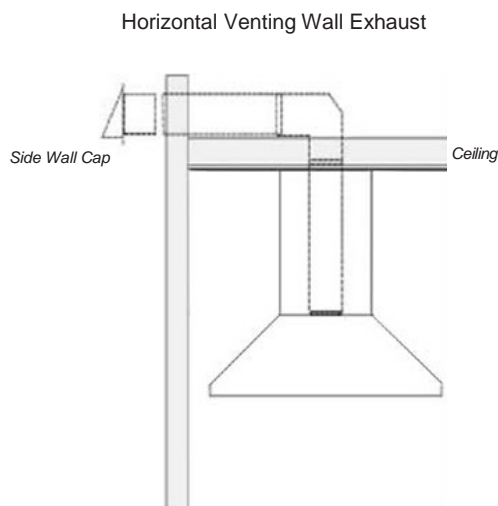
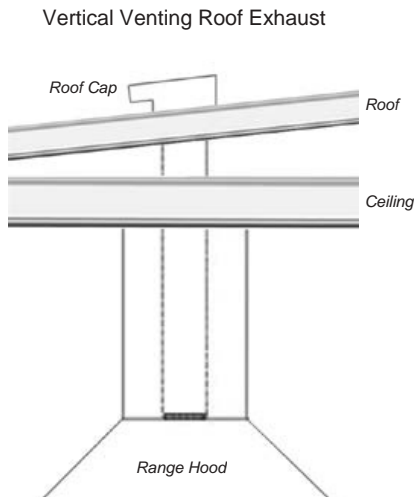
For the most efficient and quiet operation:

- The recommended mounting height is between a minimum of 24" and a maximum of 30" above the cooking surface to the bottom of the hood.
- It is recommended to have the venting system go vertically from the range hood to the roof using a 6" or bigger round metal / aluminum vent duct. The vent duct is not included and must be purchased separately.
- Regardless the length of the vent duct, its size should be uniform.
- Use no more than three 90° elbows.
- Make sure there is a minimum of 24" of straight vent between the elbows if more than 1 elbow is used.
- Do not install 2 elbows together.
- The length of the venting system and the number of elbows should be kept to a minimum to provide efficient performance.
- Use silver tap or duct tap to seal all joints in the venting system.
- Use caulking silicone to seal exterior wall or roof opening around the cap.

INSTALLATION PREPARATIONS

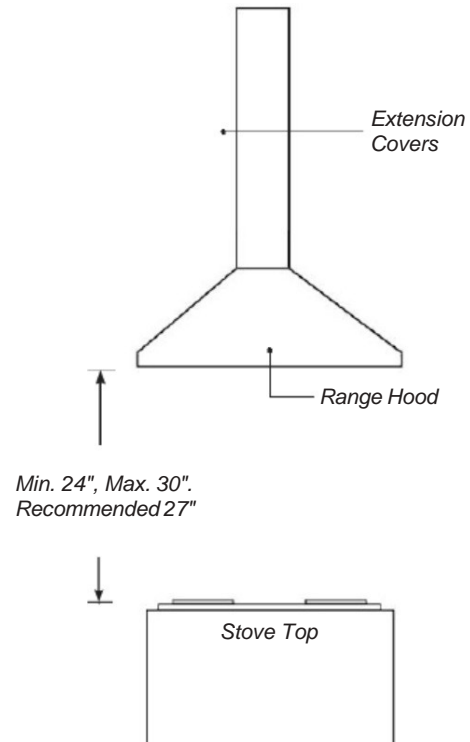
Venting System Setup:

- This range hood is 6" top venting through the roof or wall.
- Always use 6" round rigid or semi-rigid type metal/aluminum ducts to maximize airflow.
- Observe and determine the location for the venting route from the hood to the outdoors.
- A straight, short vent run will allow the hood to perform more efficiently.
- Fasten all connections with sheet metal screws and tape all joints with certified Silver Tape or Duct Tape.
- Use caulking to seal the roof or wall opening around the cap.



Measure and estimate the following figures before installation:

- The distance between the countertop / stove to the bottom of the range hood.
- The height of hood and duct.



IMPORTANT!

- Use the **Duct Run Calculation Chart** to calculate the total available duct run when using elbows, transitions and caps.
- Always keep the number of transitions and turns minimum.
- If long duct run is needed, increase the duct size from 6" to 7" or 8".
- If a reducer is needed, use a long reducer instead of a pancake reducer and install it as far away from the range hood as possible. Reducing the duct size will restrict and decrease the speed of the airflow and hence lower the range hood's performance.
- If transitions or turns are needed, install them as far away from the range hood as possible and keep the distance between the 2 as far apart as possible.

INSTALLATION PREPARATIONS

- The minimum mounting height should be no less than 24" and the maximum mounting height should be no more than 30".
- Also refer to the owner's manual of the stove top for the height clearance requirement and the recommended mounting height above the range.

Minimum Duct Size:

- Round: 6" minimum.

Note

- It is important to install the range hood at the proper mounting height. Hoods mounted too low could result in heat damage and fire hazard while hoods mounted too high will be out of reach and hence reduce its performance and efficiency.

Duct Run Calculation Chart

Recommended Maximum Straight Duct Run		6" round duct		50 ft
Vent Piece Deduction		Quantity Used		
Each 90° elbow used	9 ft	x ()	= ()	ft
Each 45° elbow used	5 ft	x ()	= ()	ft
Side wall cap with damper	0 ft	x ()	= ()	ft
Roof cap	0 ft	x ()	= ()	ft
Total Vent Piece Deduction			= ()	ft

Recommended Maximum Straight Duct Run		Total Vent Piece Deduction		Total Available Duct Run
50 ft	-	() ft	=	() ft

Example:

One roof cap, two 90° elbow, and one 45° elbow used: $0\text{ ft} + 9\text{ ft} \times 2 + 5\text{ ft} = 23\text{ ft}$ used.

Total Available Duct Run = $50\text{ ft} - 23\text{ ft} = 27\text{ ft}$.

INSTALLATION PREPARATIONS

IMPORTANT!

Observe all governing codes and ordinances.

It is the customer's responsibility:

- To contact a qualified electrical installer;
- To ensure that the electrical installation is in compliance with applicable codes and standards.



Electrical Requirements:

- A 120V, 60Hz., AC only, 15A fused electrical circuit is required.
- Wire sizes and connections must conform with the power rating of the range hood and all applicable codes and standards.
- DO NOT have a fuse in the neutral or ground circuit.
- The 3-prong outlet should be grounded. If the power cord plug is not used, the power cord's green wire should be connected to ground. Check with a qualified electrician if you are not sure that the range hood is properly grounded.
- DO NOT ground to a gas pipe.
- The range hood must be connected with copper wire/plug only.
- The range hood should be connected directly to the fused disconnect box (or circuit breaker) through flexible armored or non-metallic sheathed copper cable. ETL listed strain relief must be provided at each end of the power supply cable.

INSTALLATION

INSTALLATION INSTRUCTIONS

CAUTION!

Wear gloves to protect against sharp edges.

IMPORTANT!

PLEASE FOLLOW THESE INSTRUCTIONS TO TEST THE RANGE HOOD BEFORE INSTALLATION FOR ANY DEFECTS OR SHIPPING DAMAGE:

- Remove the range hood and accessories from the package carefully.
- Place the Hood Unit and the Blower Unit on a flat stable surface, remove the baffle filter and check for any dent or damage on the rangehood body.
- Remove the loosen parts if there's any.
- Plug the range hood into a 120V AC power source. Touch the Speed Selection (-) or (+) button to turn it on.
- Check each speed variation and pay attention to the noise level to make sure there isn't any unusual noise besides it coming from the wind blowing. Press the Light Button to check the lights.
- Verify all functions, as instructed in Page 12, are operational.
- Refer to Range Hood Troubleshooting in Page 14 for general issues and solutions.
- The white protective film on the baffle filter must be removed before using the range hood.
- If the range hood you receive is damaged or defective, please contact the seller immediately. Do not try to install and use the damaged or defective unit.

IMPORTANT!

TO AVOID DAMAGE TO THE RANGE HOOD, DO NOT LET DEBRIS ENTER THE VENT OPENING.

CAUTION!

IF MOVING THE COOKING RANGE IS

NECESSARY TO INSTALL THE RANGE HOOD:

- *For electric ranges, unplug the power first before moving it.*
- *For gas ranges, shut off the gas valve before moving it.*

Observe and prepare the location

- Determine the location for the range hood. Refer to instructions in Page 7 for clearance guidance.
- Determine which venting method to use: roof or wall.
- Purchase any necessary accessories, such as duct, elbow, reducer, damper, duct tape, screws etc., from the hardware store.
- Use a stud finder to locate and mark the studs inside the wall.
- Before beginning the installation, make sure there is proper clearance within the ceiling or wall for the exhaust vent.

Installing the Range Hood

Note

- The ceiling must be able to hold at least 265 lbs of weight.
- The ceiling must be at least 1-1/4" thick if the range hood's top mounting plate is to be installed directly to the ceiling.
- It is recommended to build a stud frame above the ceiling and install the range hood to the studs for a more secure installation.

The following steps requires 2 or more people:

- Determine the location and height to mount the range hood. The range hood should be aligned with the stove.
- Mark the perimeter of the top of the duct cover on the ceiling.
- Drill a hole, which is 6-3/4" in diameter, in the center of the perimeter in the ceiling for the 6" duct access.
- Align the mounting plate with the perimeter and drill 12 holes in the ceiling. Make sure the electrical box opening on the mounting plate is

INSTALLATION

not blocked by the ceiling.

- Insert the screws into the holes and fasten them so that the mounting plate is securely mounted to the ceiling.
- Remove the cover of the electrical box.
- Pull the house wiring through the 6-3/4" hole in the ceiling and into the electrical box. Secure the house wiring cables to the mounting plate / electrical box with appropriate connectors.
- Install the inner duct cover and outer duct cover to the mounting frame.
- Install the top exhaust to the range hood. Connect the top exhaust to a 6" round duct and seal the connection.
- Lead the other end of the duct through the mounting frame and the hole in the ceiling.
- Install the range hood to the bottom of the mounting frame.

CAUTION

Make sure the range hood is securely mounted before releasing.

- Connect the free end of the duct to the roof / wall cap.

Electrical Connection

- This range hood comes with a power cord with a 3-prong plug. Connect the power cord to a designated grounded standard 110V outlet.

WARNING

Electrical Shock Hazard

Disconnect power before servicing

- In case of a direct connection to the house wiring is preferred, do the following:
 - *Disconnect the power.*
 - *Cut off the plug from the power cord.*
 - *Connect the wires from the power cord to the wires from the house wiring using UL listed wire connectors.*
 - *Store the excess wires in the wiring box.*
 - *Reconnect the power.*

Installing the Baffle Filters

- Peel off the protective cover from the baffle filters if there's any.
- Align the baffle filters with the range hood and install them from left to right.

Completing the Installation

Turn blower ON in the control panel. Check all lights and fan operations.

Range Hood Use

Range Hood Control Panel



Power	: To turn on/ off the cooker hood
Timer	: Delay-off timer set
Lamp	: To turn on/ off the LED
Digital screen	: To display the fan speed setting and delay timer and time
High :	: High speed / To set the time with plus
Middle:	: Middle speed / To set the time with Minus
Low	: Low speed

Standby mode: Once the cooker hood is connected firmly to the power socket and turned on, the cooker hood will enter into standby mode. You can press the power key for the start of the motor or light key for Lamp working .

Delay-off timer :Press the Timer button for about 1 second to turn on the delay-off timer. The cooker hood is set for 1-9 minutes delay-off timer. After the user press the timer button, the delay-off timer will start activates in about 5 seconds. Once the cooker hood reaches the 9 minutes, the cooker hood will be turned off automatically.

*When use Timer , the Digital screen will show the delay-off timer .
If user do not use the timer , the screen will show the Normal time .*

Light: The user can turn on the cooker hood illumination through pressing on the 'Light' button. Press once to turn it on and once more to turn it off. The light function is independent from other function which will not be affected by other functions or adjustment.

Fan speed setting: The cooker hood is operated at 3 fan speed setting. The user may adjust the fan speed setting through pressing on Minus or Plus button to have different speeds.

Note: Light settings are independent from other settings (including delay-off) and lights have to be manually turned on or off.

WARNING

Read all instructions and warnings before using the hood.

- DO NOT use the hood when there are no safety grills and filters.
- NEVER dispose cigarette ashes, ignitable substances, or any foreign objects into blowers.
- NEVER leave the cooking appliances unattended. When frying, the oil in the pan can easily overheat and catch on fire. The risk of self-combustion is higher when the oil has been used several times.
NEVER cook on "open" flames under the range hood. Check deep-fryers during use: Superheated oil may be flammable.

Range Hood Care

Cleaning

WARNING

- To reduce the risk of electrical shock, DO NOT clean the hood while it's operating.
- Never put your hands into the area housing the fan when the fan is operating.

Cleaning the Exterior Surfaces:

IMPORTANT

To avoid damage to the exterior surfaces:

- DO NOT use corrosive or abrasive detergent.
- DO NOT use steel wool, scoring pad or steel brushes. Use a paper towel or soft cloth or nonabrasive sponge instead.
- DO NOT use salt solutions, disinfectants, bleaches or cleaning compound that contains harmful chemicals.

Cleaning Method:

- Noncorrosive or nonabrasive liquid detergent soap or all-purpose liquid cleanser.
- Wipe the surfaces with a damp paper towel or soft cloth or nonabrasive sponge.
- Rinse with clean water.
- Wipe dry with dry towel or cloth.

Note

- The nonabrasive stainless steel polisher can be applied when done cleaning to retain the stainless luster and grain.
- Always follow the instruction of the polisher.

Cleaning the Stainless Steel Baffle Filters:

- Pull the spring release handle and remove the filter by pulling it down.
- Wash the filter in the top rack of the dishwasher or with warm soapy solution manually.

- Let the filters dry thoroughly.
- Make sure the spring release handle is toward the front, align and insert the filter.
- Pull the spring release handle and push the filter into position.
- Release the handle.
- Repeat the steps for the remaining filters.

Replacing the Filters:

- Replace the baffle filters immediately should they become worn out due to aging or prolonged usage.

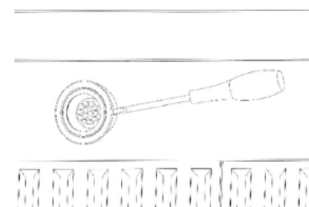
Replacing the LED Lamps:

WARNING

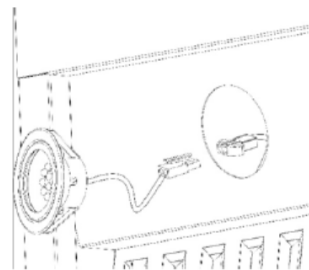
Electrical Shock Hazard

Disconnect power before servicing

- This range hood uses 12V, 3W LED.
- Unplug the range hood, or turn off the breaker.
- Gently pull out the defective LED assembly. Use a flat-head screwdriver if needed.



- Disconnect the wires.



- Connect the new LED assembly.
- Align and snap the new LED assembly into position.
- Plug in the range hood, or turn on the breaker.
- Check if the new LED assembly is working properly.

Range Hood Troubleshooting

Before Calling for Service

Issue	Possible Cause / Solution
The range hood doesn't turn on	<ul style="list-style-type: none">• Check if the range hood is plugged in. Make sure that all power is turned ON, the fuse isn't blown and all electrical wirings are properly connected.
The range hood turns on but the LED light doesn't	<ul style="list-style-type: none">• Replace the defective LED assembly. Refer to Range Hood Care section for instructions.
The range hood vibrates when the blower is on	<ul style="list-style-type: none">• Check and tighten the mounting screws to secure the hood to the cabinet or wall properly.
The blower or fan seems weak	<ul style="list-style-type: none">• Check that the duct size used is at least 6". Range hood WILL NOT function efficiently with insufficient duct size.• Check if the duct is clogged or the damper (half-circular flapper) is not installed correctly or opening properly. A tight mesh on a side wall cap might also cause restriction to the air flow.
The lights work but the blower is not spinning at all or is rattling	<ul style="list-style-type: none">• The blower might be jammed or scraping the bottom due to shipping damage.• Disconnect the power cord, remove the fan grill and the fan blade, might see the fan blade or/and motor is not in the proper position (offset from the center). Try to fix/adjust it or please contact us immediately.
The hood is not venting out properly	<ul style="list-style-type: none">• Make sure the distance between the stove top and the bottom of the hood is within recommended 24" and 30" in distance. *Due to different ceiling height configurations, the recommended height may not be applicable.• Reduce the number of elbows and length of duct work. Check if all joints are properly connected, taped and sealed.• Make sure the power is on high speed for heavy cooking.

Warranty

This range hood is warranted to the original purchaser to be free of defects in material and workmanship for two (2) years from the date of purchase.

Our obligation shall be limited to the repair or replacement of a unit (at our discretion) that may prove, by our sole examination, to be defective under normal use and service during the warranty period. We may issue credit in the amount of the invoice value of the defective product (or a percentage of it according to use) in lieu of repair or replacement. Any failure of this product that is not traceable to a defect in material or workmanship is not covered by this warranty. These non-warrantable items include, but are not limited to

- Any defects or damage to light bulbs
- Change in color or finish due to chemical usage
- Improper installation not in accordance with the instructions
- Dents, bumps, and scratches incurred during shipping, handling, or installation
- Damage caused by failure to follow care and cleaning guidelines, including damage caused by the use of abrasive cleaners
- Alterations made to the unit by the purchaser or installer
- Damage caused by accidental impact, fire, flood, freezing, and normal wear
- Bends and warping caused by forced connections, over-tightened fittings, and inadequate support during installation

A thorough inspection must be made before installation and any damage must be promptly reported. We will not be liable for failures or damage that could have been discovered or avoided by proper inspection and testing prior to installation.

Incidental repairs that would involve a minimum of time and effort on behalf of the purchaser will not be considered warranty work and no compensation will be deemed forth coming.

following the instructions.

Under no circumstance shall we be held liable for

personal injury or property damage resulting from improper installation or use of this product. We will not be held liable for inconvenience caused by loss of use of this product, costs incurred for labor or materials, removal and installation of replacement units, or any other incidental or consequential damages. Costs relating to obtaining access for repair or replacement are the responsibility of the user.

This warranty does not extend to commercial and institutional installation or use.

Warranty Claim Procedure

If a claimable defect occurs, please contact our customer service team at 1-800-929-0168 (8 a.m. - 5 p.m., PST, Monday - Friday). or email us at info@hauslane.com Before you make your claim call, please ensure that you have:

Description of the range hood

Proof of sale

Details regarding the defect

Name(s) and address(es) of the owner and installer

Claims must be filled out in writing and returned within six (6) months of the appearance of a defect. Failure to comply with this stipulation will make this warranty null and void. We reserve the right to a thirty-day (30) delay following the receipt of a claim in which to inspect the product. We assume no responsibility for labor costs, removing or replacing a previously installed product, transportation, or the return of a product.



Extended Warranties

If you are interested in an extended warranty, sign up on our website at www.hauslane.com



Parts and Accessories

If you need replacement parts or accessories, visit www.hauslane.com



Contact Us

We'd be happy to answer your questions or resolve any issues you may have.
Phone: **1-800-929-0168**



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