

# RANGE HOOD

Model Number:	<b>JXT5830</b>	<b>JXT5836</b>
Manufacturer Number:	<b>S26E30</b>	<b>S26E36</b>
Size:	<b>30"</b>	<b>36"</b>

# INSTALLATION

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## GUIDE

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## INSTALLATION GUIDE

Read all Instructions before Installing and operating this appliance

MODELS: JXT5830 JXT5836

### IMPORTANT SAFETY NOTICE



### WARNING

#### Installation

The installation in this manual is intended for qualified installers, service technicians or persons with similar qualified background. DO NOT attempt to install this appliance yourself. Injury could result from installing the unit due to lack of appropriate electrical and technical background.

All electrical wiring must be properly installed, insulated and grounded. Overly accumulated grease in old duct work should be cleaned out or duct work should be replaced if necessary to avoid the possibility of a grease fire. Check all joints on duct work to insure proper connection and all joints should be properly taped.

*\* Please check for latest specification revisions before any custom work or cutouts.*

## LIST OF MATERIALS

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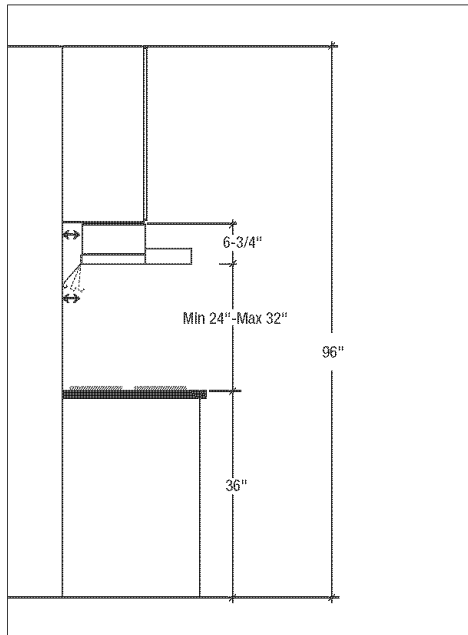
- 1 - Hood
- 1 - Utensil Bar
- 2 - Metallic Filters (3 - 36")
- 2 - Halogen Light Bulbs (pre installed)
- 1 - Rectangular Starting Collar
- 1 - 5" Round Plastic Cap
- 1 - Hardware Packet Containing:
  - 1 - Damper
  - 1 - 5" Round Starting Collar
  - 1 - Packet of Screws

**NO DUCTING IS INCLUDED**

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### MOUNTING HEIGHTS & CLEARANCE



Minimum mount height between range top to hood bottom should be no less than 24".

Maximum mount height should be no higher than 32".

It is important to install the 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 hard to reach and will lose its performance and efficiency.

If available, also refer range manufacturer's height clearance requirements and recommended hood mounting height above range.

*\*Minimum clearance of 24" hood above range height.*

*\*\* Maximum clearance 32" hood above range height.*

### DUCTING

A minimum of 5" round or 3-1/4" x 10" rectangular duct must be used to maintain maximum air flow efficiency.

Always use rigid type metal ducts only. Flexible ducts could restrict air flow by up to 50%.

Also use calculation (on right) to compute total available duct run when using elbows, transitions and caps.

ALWAYS, when possible, reduce the number or transitions and turns. If long duct run is required, increase duct size from 6" to 7 or 8". If a reducer is used, install a long reducer instead of a pancake reducer. Reduce duct size as far away from opening as possible.

If turns or transitions are required: Install as far away from opening and as far apart, between 2, as possible.

#### Minimum Duct Size:

Round:

5" minimum

Rectangular:

Requires an adaptor. Readily available at most hardware stores.

#### Duct Run Calculation:

Maximum run

5" or 3-1/4" x 10" duct	100 FT
Calculated Length:	
each 90 Elbow used	15 FT
each 45 elbow used	9 FT
each 6" to 3/4 x 10"	
transition used	1 FT
each 3/4 x 10" to 6"	
each 3/4 x 10" to 6"	
transition used	5 FT
Side Wall Cap w/ damper	30 FT
Roof Cap	30 FT

e.g. - 1 roof cap, 2x90 elbows, 1 45 elbow used:  
=30' + 30' + 9' =69' used, 31' available for straight duct runs.

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### DUCTING



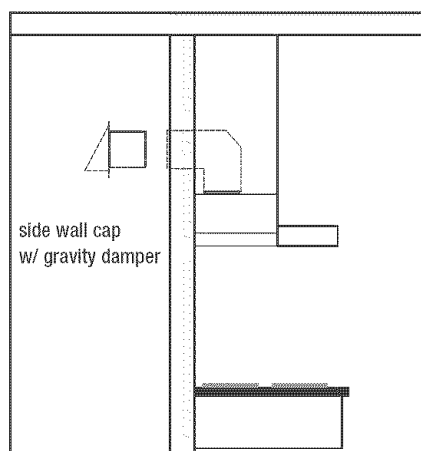
#### WARNING FIRE HAZARD

NEVER exhaust air or terminate duct work into spaces between walls, crawl spaces, ceiling, attics or garages. All exhaust must be ducted to the outside.

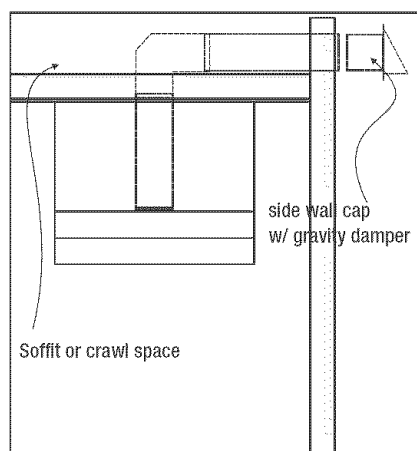
Use Metal ductwork only.

Fasten all connections with sheet metal screws and tape all joints w/ certified Silver Tape or DuctTape.

#### Some Ducting Options:

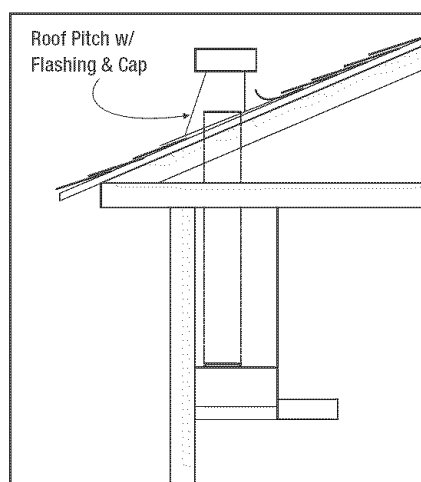


side wall cap  
w/ gravity damper



side wall cap  
w/ gravity damper

Soffit or crawl space

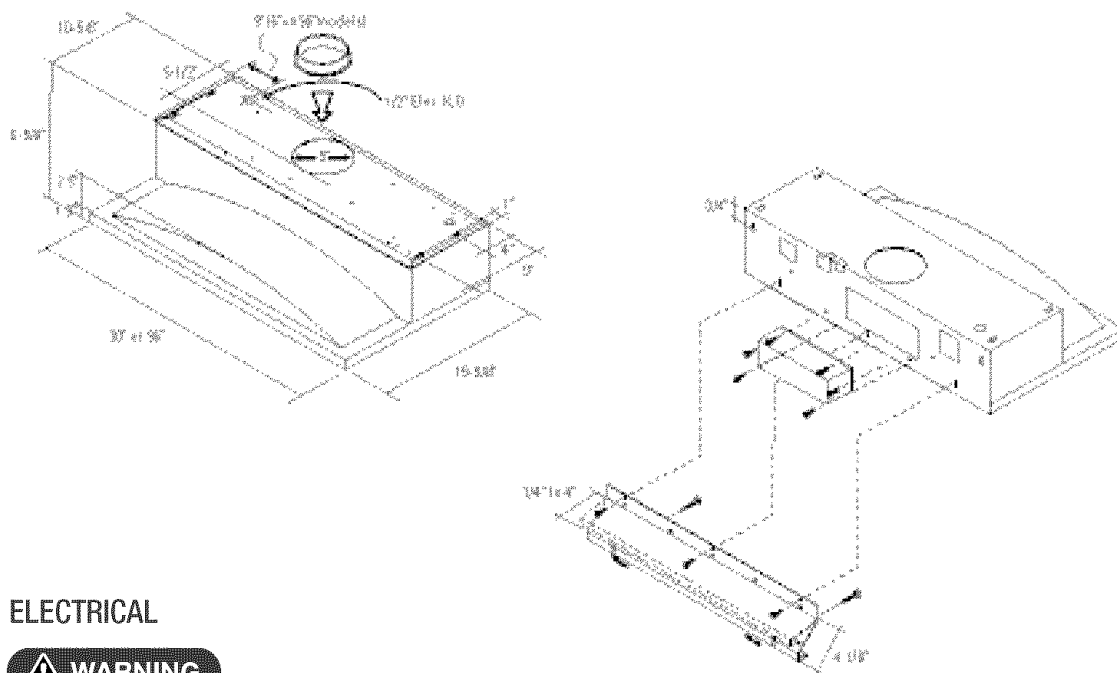


Roof Pitch w/  
Flashing & Cap

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### SPECIFICATIONS



### ELECTRICAL



All Electrical work must be performed by qualified electrician or person with similar technical know how and background.

For personal safety, remove house fuse or open circuit breaker before beginning installation.

Do not use extension cord or adapter plug with this appliance.

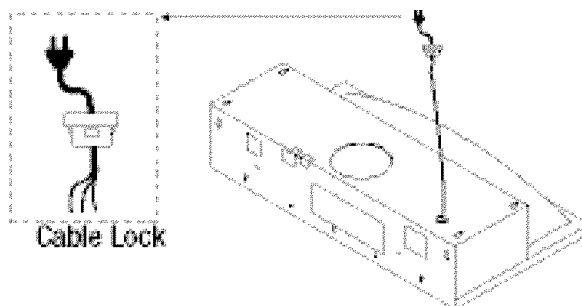
Follow National electrical codes or prevailing local codes and ordinances.

#### Electrical Supply:

This appliance requires a 120V 60Hz electrical supply, and connected to an individual, properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker or time delay fuse. Wiring must be 2 wire w/ ground. Please also refer Electrical Diagram labeled on product.

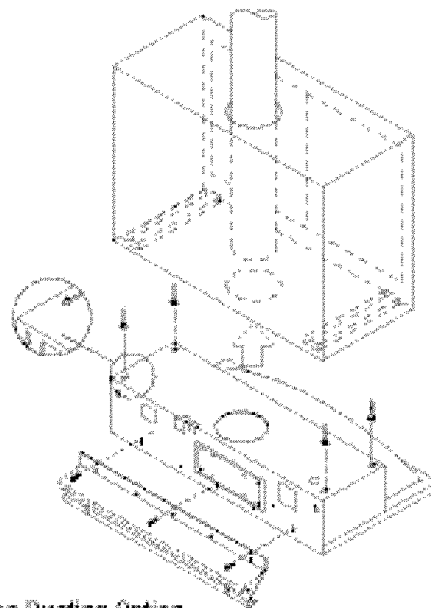
#### Cable Lock:

A cable locking connector (not supplied) might also be required by local codes. Check with local requirements and codes, purchase and install appropriate connector if necessary.

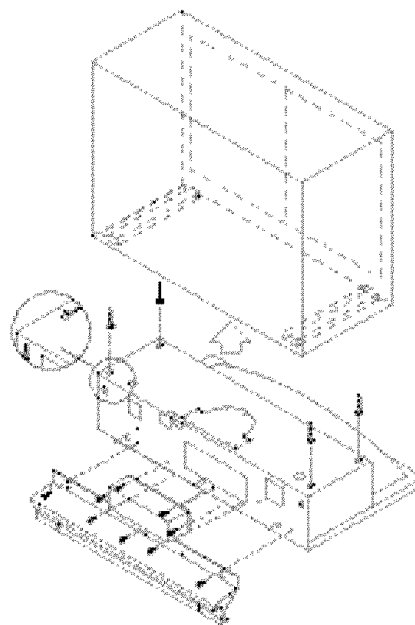


## MOUNTING THE RANGEHOOD

1. This range hood is mounted under a kitchen cabinet unit.
2. Select preferred duct location on rear or top of unit. For ductless conversion, no ducting is required, however front cover panel must be removed prior to installation. (See page 7)
3. An optional spacer plate is provided to cover the gap between the back of the hood and the wall. If using this plate, screw it onto the hood prior to installation.
4. Begin installation by temporarily removing the mesh filter panels.
5. Unscrew the two interior side panels and slide them sideways to allow access for marking the mounting hole locations. (See page 7)
6. Temporarily position the range hood in the desired mounting location.
7. Mark the mounting holes, duct and electrical access locations with a pencil. For ductless conversion, no hole is required for a duct.
8. Drill/cut out the required openings for duct and electrical access.
9. Install duct work and electrical.
10. Fasten mounting screws into underside of mounting location, and reposition hood into place.
11. Hang hood onto mounting screws and hand tighten.



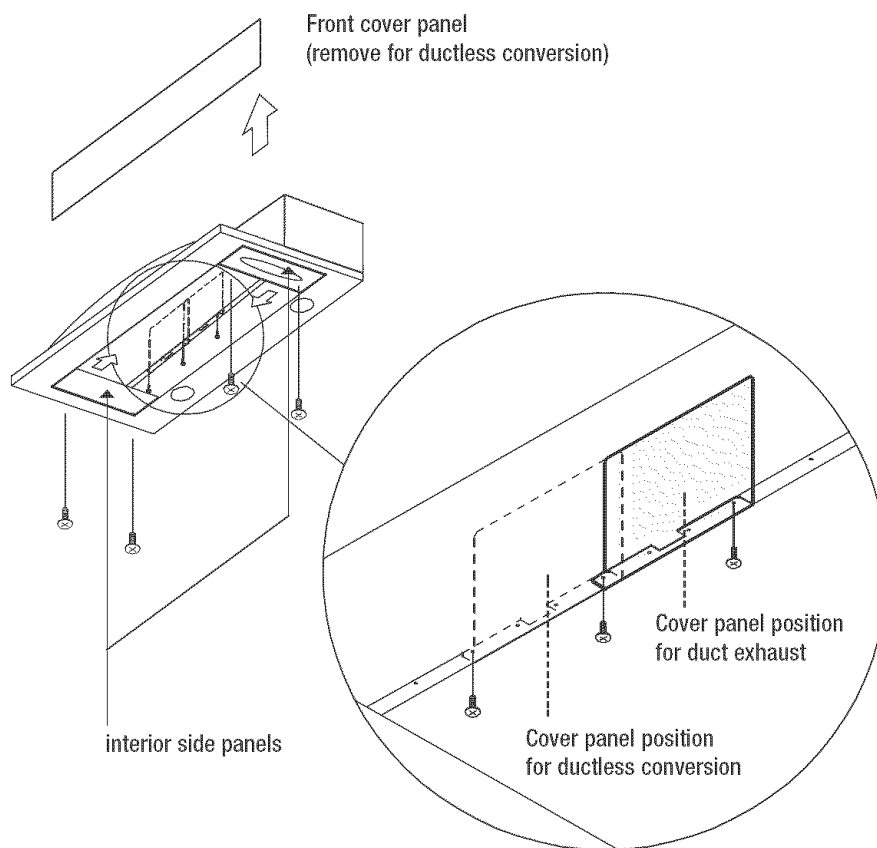
Top Ducting Option



Rear Ducting Option

## DUCTLESS CONVERSION

12. For ductless conversion, the interior cover plate must be unscrewed and removed as shown. (See diagram page 7)
13. Reposition the interior side panels to original location, and screw into place.
14. Reinstall the filter panels.





## DUCTLESS CONVERSION

Ductless conversion is intended for applications where an exhaust duct work is not possible to be installed. When converted, the hood functions as a "purifying" hood rather than an exhaust hood. Fumes and exhaust from cooking is drawn and filtered by a set of optional Carbon Filters. The air is then purified and re-circulated back within the home.

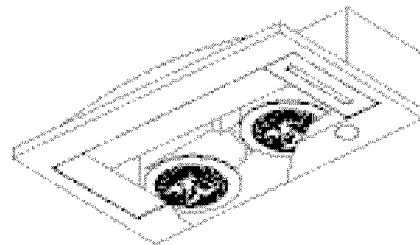
We recommend to ALWAYS exhaust air outside of the home by employing existing or installing new duct work, if possible. The hood is most effective and efficient as an Exhaust unit. Only when the exhaust option is not possible should you recourse to converting the hood into a "purifying" unit.

When converted to be a "purifying" unit, a set of Carbon Filters is required on top of the standard Metal Filter set. Order according to Part numbers below. The standard Metal Filters are intended to capture residue from cooking and the optional Carbon Filters help to purify fumes exhausted from cooking for re-circulation.

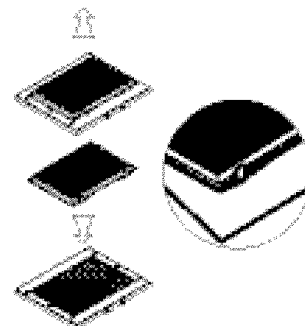
### Carbon Filters (Required)

1. Purchase ductless Charcoal Filters as follow

Hood Model:	Part No.	Filters in pkg.
<b>JXT5830</b>	<b>JFLTRC5830</b>	<b>2</b>
<b>JXT5836</b>	<b>JFLTRC5836</b>	<b>3</b>



2. Remove metal filters on hood.
3. Install attachment bracket into metal filter.
4. Clip carbon filter onto bracket.
5. Re-install metal filters.
6. Carbon Filters must be replaced after every 120 hours of use (or approximately every 2 to 3 months based on the average of 1-2 hrs. of daily cooking time). The microprocessor in the controls when set, will count usage time and indicate when carbon filter replacement is required.



### Carbon Filter Dimensions:

9" x 6.4"  
228 mm X 162 mm

Note: see User Guide for more information on ductless conversion options.