

LOT NUMBER	PHASE	HOUSE TYPE	REG. PLAN #		
65	1	Penrose 2 Elev 2	40M-2763		
INV#	QTY	EXTRA / CHANGE			

CABINETRY

29,851 04Jun24	1 - CABINETRY - KITCHEN - LIGHT VALANCE Note:
29,851 04Jun24	1 - KITCHEN - DELETE CABINETS ABOVE STOVE AND HOOD FAN - VENDOR WILL SUPPLY 6 INCH VENT AS PER CONSTRUCTION SPECIFICATIONS AND VENT MAY NOT BE IN THE APPROPRIATE LOCATION FOR INSTALLATION OF PURCHASER SUPPLIED FAN NotePURCHASER TO SUPPLY AND INSTALL OWN FAN AFTER CLOSING

CABINETRY ACCESSORIES

29,851 04Jun24	1 - KITCHEN CABINETRY - BUILT-IN MICROWAVE/OVEN COMBO WITH ONE POT DRAWER - STANDARD LEVEL Note:
29,851 04Jun24	1 - KITCHEN CABINETRY BASE - COOKTOP CABINET WITH POT DRAWERS (2 DRAWERS) - STANDARD LEVEL Note:
29,851 04Jun24	1 - KITCHEN CABINETRY UPPER - FULL DEPTH ABOVE FRIDGE UPPER WITH GABLES - 650MM DEEP - PRICE IS EACH Note:
29,851 04Jun24	1 - KITCHEN CABINETRY - PANTRY UNIT UPGRADE - TO GO FROM 300MM TO 600MM DEEP - PRICE IS PER FOOT - STANDARD LEVEL Note:

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<b>Selba Industries</b>				<b>J #</b>	
W WIDTH		W HGHT	W CNT	This drawing is the intellectual property of SELBA INDUSTRIES INC. and is not to be original design which must not be released or copied unless applicable fee has been paid or job order placed.	
FLOOR HGHT		DOOR HGHT		JOB NUMBER: BUILDER: GREENPARK HOMES SITE: ZADORRA, Oshawa MODEL: PENROSE 2X EL 1,2,3	
ST CNT	2X4	VENT BOX COVER		LOT #: DESIGNER: BM DATE: JULY 31 23	



Lot 65 Zadorra

36" Induction Cooktop
Induction Cooktop
Available Products: FPIC3677RF
Available Colors: Stainless Steel
Version: 08/22



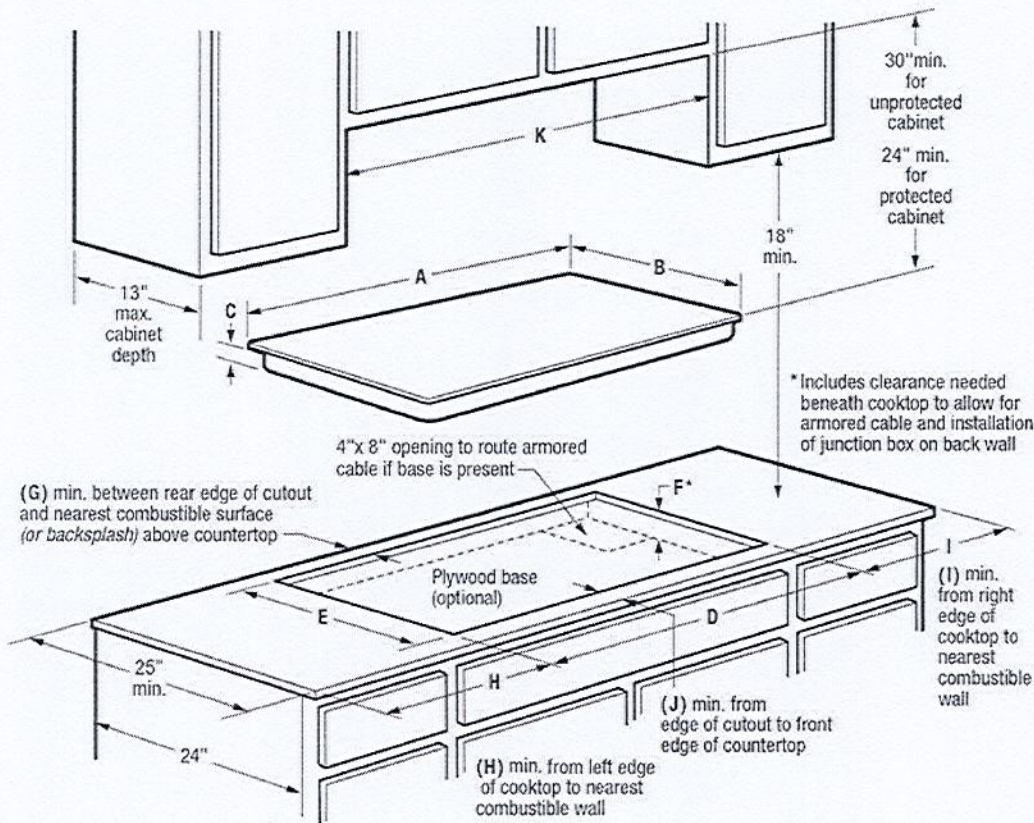
Product Specifications

<b>Cooktop</b>		<b>Cooktop Performance</b>	
Bridge Element	Yes	Right Front Element Burner Size	10"
Bridge Element Location	Left	Right Rear Element Burner Size	6"
Cooking Surface Type	Smooth	Left Front Element Burner Size	7"
Hot-Surface Indicator Light	Yes	Left Rear Element Burner Size	7"
<b>Controls</b>		Center Rear Element Burner Size	8"
Sabbath Mode	No	Right Front Element Burner	3,800 Watts
<b>Dimensions and Volume</b>		Right Rear Element Burner	2,000 Watts
Height	3 5/8"	Left Front Element Burner	2,600 Watts
Width	36"	Left Rear Element Burner	2,600 Watts
Depth	20 1/8"	<b>Display</b>	
<b>Installation</b>		Display Interface Color	Blue
Installed Over a Wall Oven	Yes	Display Type	Mechanical
Power Supply Connection Location	Right Center	Control Location	Front
<b>Certifications and Approvals</b>		<b>Electrical Specifications</b>	
ADA Compliant	Yes	Amps @ 240 Volts	50 Amps
		Connected Load @ 240V	12 kW
		Minimum Circuit Required	50 Amps
		Voltage Rating	240 V
		<b>General Specifications</b>	
		Prop 65 Label	No
		Warranty - Labor	1 Year
		Warranty - Parts	1 Year
		<b>Safety Certifications and Approvals</b>	
		UL Listed	Yes

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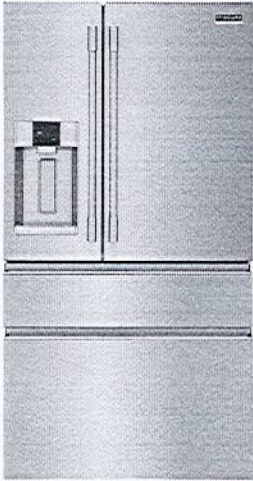
Installation Diagram



Product Dimensions			Required Clearances			
A - Width	B - Depth	C - Height	G (min.)	H (min.)	I (min.)	J (min.)
36"	20-1/8"	2-7/8"	2"	2"	2"	2-1/2"
Product Cutout Dimensions			K - Cabinet Opening Width (min.)	Utility Connection Locations		
D - Width (min.-max.)	E - Depth (min.-max.)	F - Height (min.)*		Power Supply		
33-7/8" - 34"	19-1/8" - 19-1/4"	3-5/8"	36"	Right Rear		

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21.4 Cu. Ft. Counter-Depth 4-Door French Door Refrigerator

French Door Refrigerator

Available Products: PRMC2285AF

Available Colors: Stainless Steel

Version: 10/23

Product Specifications

Dispenser

Crushed Ice	Yes
Cube Ice	Yes
Dispenser	Yes
Dispenser Location	External
Dispenser Height	10 4/10"
Water	Yes

Freezer

Auto Close Drawer	Yes
Automatic Defrost	Yes
Basket Divider	Yes
Baskets / Bins Color	Smokey
Interior Lighting	LED
Shelf Material	Glass
Number of Fixed Shelves	1
Number of Pull Out Shelves	1
Total Number of Shelves	1
Number of Drawers	1

Convertible Compartment

Adjustable Drawer Divider	Yes
Convertible Drawer	Yes
Interior Lighting	Incandescent
Temperature Range	-6° to 45°F

Exterior

Counter-Depth	Yes
Door Stops	No
Front Rollers	Yes
Rear Rollers	Yes
Water Inlet Location	Left Rear Bottom

Electrical Specifications

Minimum Circuit Required	15 Amps
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Performance Certifications and Approvals

ENERGY STAR Certified	Yes
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Refrigerator

Air Filter	Yes
Crisper Color	Smokey
Dairy Bin	Yes
Door Bin Color	Smokey
Humidity Controls	Automatic
Interior Lighting	LED
Shelf Material	Glass
Water Filter	Yes
Number of Adjustable Gallon Door Bins	3
Number of Fixed Condiment Door Bins	3
Number of Fixed Gallon Door Bins	1
Total Number of Door Bins	8
Number of Adjustable Shelves	4
Number of Fixed Shelves	1
Number of Crispers	2

Ice Maker

Ice Maker	Yes
Ice Maker Location	Fresh Food Section
Ice Shape	Square
Second Ice Maker	Yes

Controls

Air Filter Indicator	Yes
Control Location	Dispenser
Digital Display	No
Door Ajar Alarm	Yes
Control Lock	No
Ice Maker On/Off	Yes
Internal Control Lock	Yes
Mute Sound Control	No
On/Off Display	No
Power Failure Alarm	Yes
Sabbath Mode	Yes
Water Filter Indicator	Yes

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Dimensions and Volume

Height With Hinge	70"
Height Without Hinge	69 1/8"
Width	36"
Width of Cabinet	35 7/8"
Width With Doors 90° Open	46"
Depth of Cabinet	24 1/2"
Depth With Door	29 1/8"
Depth With Door 90° Open	46 3/4"
Depth With Door and Handle	31 7/8"
Depth With Drawer Open	44 7/8"
Convertible Zone Capacity	2.56 Cu. Ft.
Freezer Capacity	5.8 Cu. Ft.
Fresh Food Capacity	13 Cu. Ft.
Total Capacity	21.4 Cu. Ft.

General Specifications

Annual Energy	672 kWh
Condenser Type	Dynamic
Leveling Legs	Yes
Prop 65 Label	Yes
Refrigerant Type	R-600A
Warranty - Labor	1 Year
Warranty - Parts	1 Year

Safety Certifications and Approvals

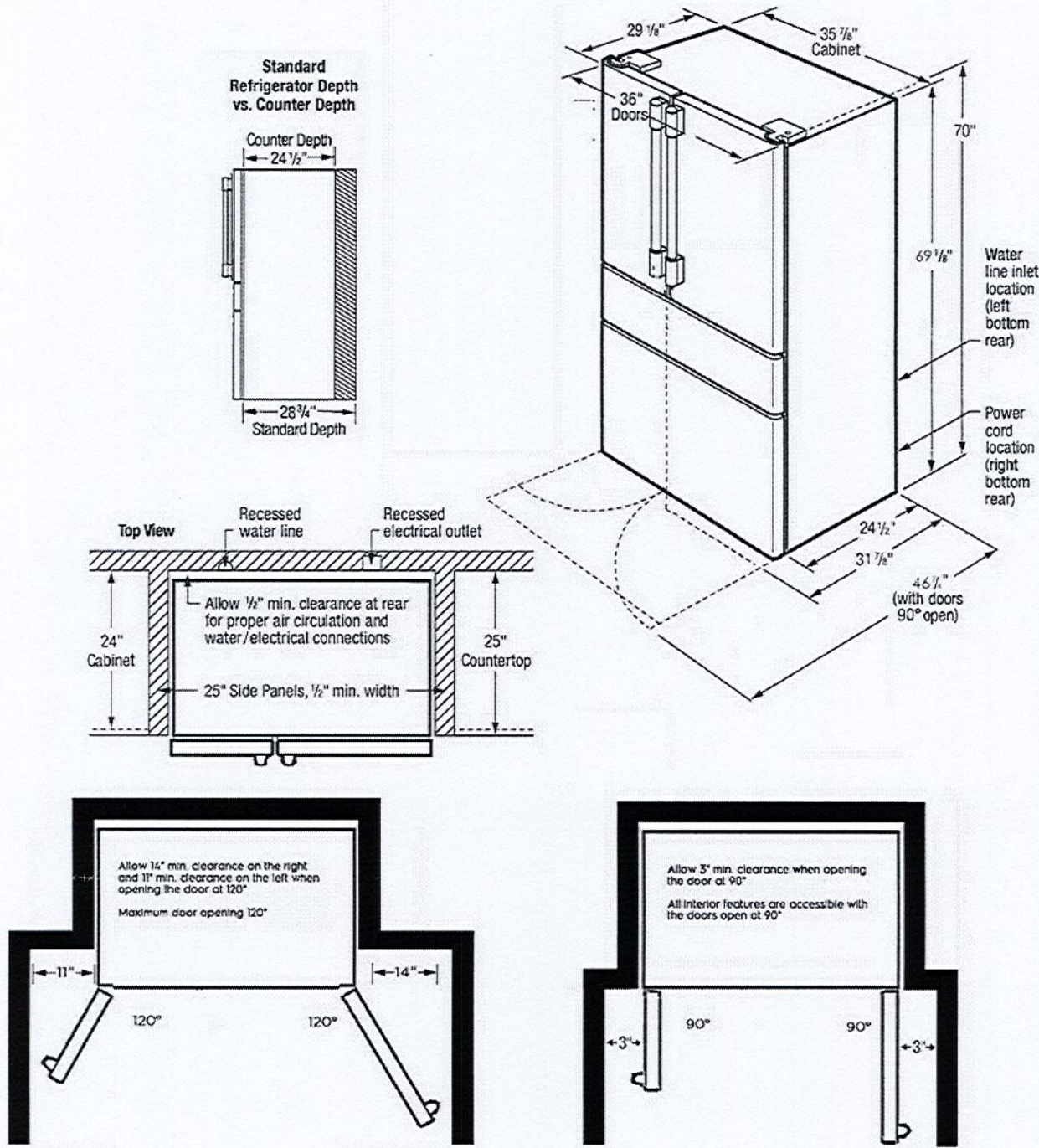
CSA Listed	Yes
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Installation Diagram



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30" Single Wall Oven with Total Convection

Single Wall Oven

Available Products: PCWS3080AF

Available Colors: Stainless Steel

Version: 05/24

Product Specifications

Cooking Controls

Air Fry	Yes
Bake	Yes
Broil	Yes
Cancel	Yes
Child Lock	Yes
Clear Off	Yes
Clock	Yes
Convection Bake	Yes
Convection Roast	Yes
Delay Clean	Yes
Delay Start	Yes
Fast Preheat	Yes
Kitchen Timer	Yes
Light	Yes
No Preheat	Yes
Off	Yes
Oven Light	Yes
Probe	Yes
Self Clean	Yes
Set Clock	Yes
Slow Cook	Yes
Start	Yes
Steam Bake	Yes
Steam Clean	Yes
Steam Roast	Yes
Stop	Yes
Temperature Display	Yes
Timer On / Off	Yes
User Preferences	Yes

Cooking Controls Function

Change between Continuous Bake Setting or 12-Hour Energy Saving Feature	Yes
Delayed Bake	Yes
Program Fahrenheit or Celsius	Yes
Silent Control Panel	Yes

Controls

Control Lock	Yes
Sabbath Mode	Yes

Dimensions and Volume

Height	28"
Width	29 7/8"
Depth	25 3/16"
Depth With Door 90° Open	48 3/16"
Depth With Handle	27 6/10"
Oven Interior Height	18 1/8"
Oven Interior Width	25 2/10"
Oven Interior Depth	19 7/8"
Minimum Cutout Height	26 3/4"
Minimum Cutout Width	28 1/2"
Maximum Cutout Height	28"
Maximum Cutout Width	29"
Oven Capacity	5.3 Cu. Ft.

Installation

Power Supply Connection Location	Top Left
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Certifications and Approvals

ADA Compliant	Yes
Star-K Certification	Yes

Accessories

Optional Trim Kit Part Number	WOMC3TRIMSS
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Oven

Bake Element	2500 Watts
Bake Element Pass	8
Bake Element Type	Hidden
Broil Element	4000 Watts
Broil Element Pass	6
Broil System	Yes
Cleaning System	Yes
Convection	Yes
Convection Element	3800 Watts
Convection Type	Total
Number of Convection Fans	1
Number of Rack Positions	6
Oven Interior Color	Midnight Black
Oven Light Quantity	2
Oven Light Type	Halogen
Oven Light Watts	40 Watts
Rack Position Type	Embossed
Rack Type 1	Handle
Rack Type 1 Quantity	1
Rack Type 2	Glide
Rack Type 2 Quantity	1
Rack Type 3	Air Fry Tray
Rack Type 3 Quantity	1

Display

Display Interface Color	White
Display Light Color	White
Display Type	Capacitive Touch

Electrical Specifications

Amps @ 240 Volts	20 Amps
Connected Load @ 240V	4.5 kW
Minimum Circuit Required	20 Amps
Voltage Rating	240 V

General Specifications

Frigidaire Fit Promise	Yes
Prop 65 Label	Yes
Warranty - Labor	1 Year
Warranty - Parts	1 Year

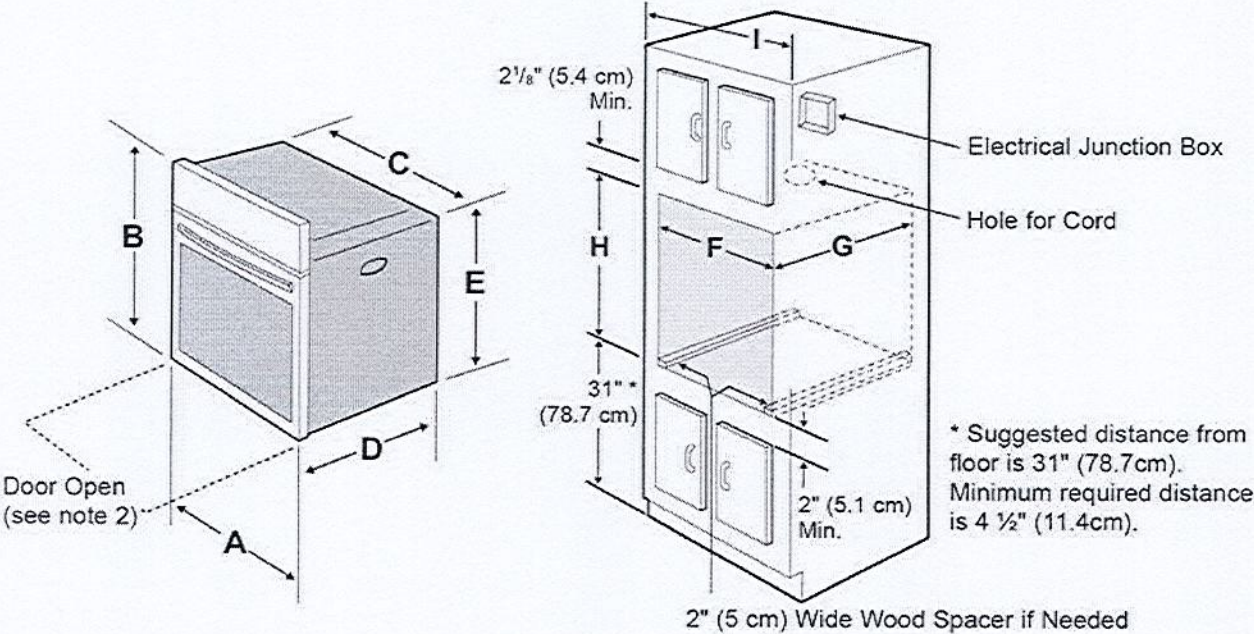
Safety Certifications and Approvals

CSA Listed	Yes
RoHS	Yes
UL Listed	Yes

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Installation Diagram



- NOTES:**
1. Allow at least 23" (58.4 cm) clearance in front of oven for door depth when it is open.

2. Dimension G (cutout depth) is critical to the proper installation of the built-in oven. If the oven trim does not butt against the cabinet, or if noise is heard on convection models, verify dimension G to assure it is the required depth.

3. For a cutout height greater than the maximum (H), add one 2"(5 cm) wide wood shim of appropriate height to each side of the opening under the appliance side rails. A trim kit may be purchased through a dealer, service, or on the brand website.

PRODUCT DIMENSIONS						
A		B	C	D		E
29 <sup>7</sup> / <sub>8</sub> (75.9 cm)		28 (71.1 cm)	28 <sup>7</sup> / <sub>16</sub> (72.2 cm)	25 <sup>3</sup> / <sub>16</sub> (63.9 cm)		26 (66.1 cm)
CUTOUT DIMENSIONS AND CABINET WIDTH						
F		G	H. Standard Height (**Others, see note 3)		I	
Min.	Max.	Min.	Min.	Max.		
28 <sup>1</sup> / <sub>2</sub> (72.4 cm)	29 (73.7 cm)	23 <sup>1</sup> / <sub>2</sub> (59.7 cm)	26 <sup>3</sup> / <sub>4</sub> (68.0 cm)	28 (71.1 cm)	30 <sup>1</sup> / <sub>8</sub> (76.5 cm) Min	

80622



30" Built-In Convection Microwave Oven with Drop-Down Door

Built-In Microwave

Available Products: PMBD3080AF

Available Colors: Stainless Steel

Version: 11/23



Product Specifications

Cooking Controls

Convection	Yes
Cooking Power	1000 Watts
Defrost Weight	Yes
Number of Power Levels	10

Microwave Cooking

Bacon	Yes
Beverage	Yes
Defrost	Yes
Melt / Soften	Yes
Multi-Stage Cooking	Yes
Popcorn	Yes
Potato	Yes
Reheat	Yes
Sensor Cooking	Yes
Sensor Reheat	Yes
Veggies	Yes

Controls

Control Lock	Yes
--------------	-----

Additional Settings

Child Lock	Yes
Clock Display On / Off	Yes
Demo On / Off	Yes
Language Options	English and French
Setting Weight Lb / Kg	Yes
Volume # of Settings	4 (Includes Off)

Exterior

Door Swing	Drop-Down Door
------------	----------------

Dimensions and Volume

Height	19 5/8"
Width	29 13/16"
Depth	23 1/8"
Depth With Door 90° Open	35 1/2"
Microwave Interior Height	9 13/16"
Microwave Interior Width	16 1/2"
Microwave Interior Depth	16 1/2"
Microwave Capacity	1.6 Cu. Ft.

Oven

Convection Element	1700 Watts
--------------------	------------

Convection Cooking

Broil / Grill	Yes
Combi Cooking - Bake	Yes
Combi Cooking - Roast	Yes
Convection Cooking - Bake	Yes
Convection Cooking - Roast	Yes

Microwave Control Features

+ 30 Seconds	Yes
Quick Start	Yes

Display

Display Light Color	White
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Internal Specifications

Interior Color	Stainless Steel
Interior Light Quantity	1
Interior Light Type	LED
Interior Light Wattage	1.5 Watts
Rack	Yes
Turntable Diameter	14 3/16"

Electrical Specifications

Connected Load @ 120V	1.7 kW
Minimum Circuit Required	20 Amps
Voltage Rating	120 V

Safety Certifications and Approvals

UL Listed	Yes
cUL Listed	Yes

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Door	Built-In Microwave
Available Products: PMBD3080AF	Available Colors: Stainless Steel
Version: 11/23	

General Specifications

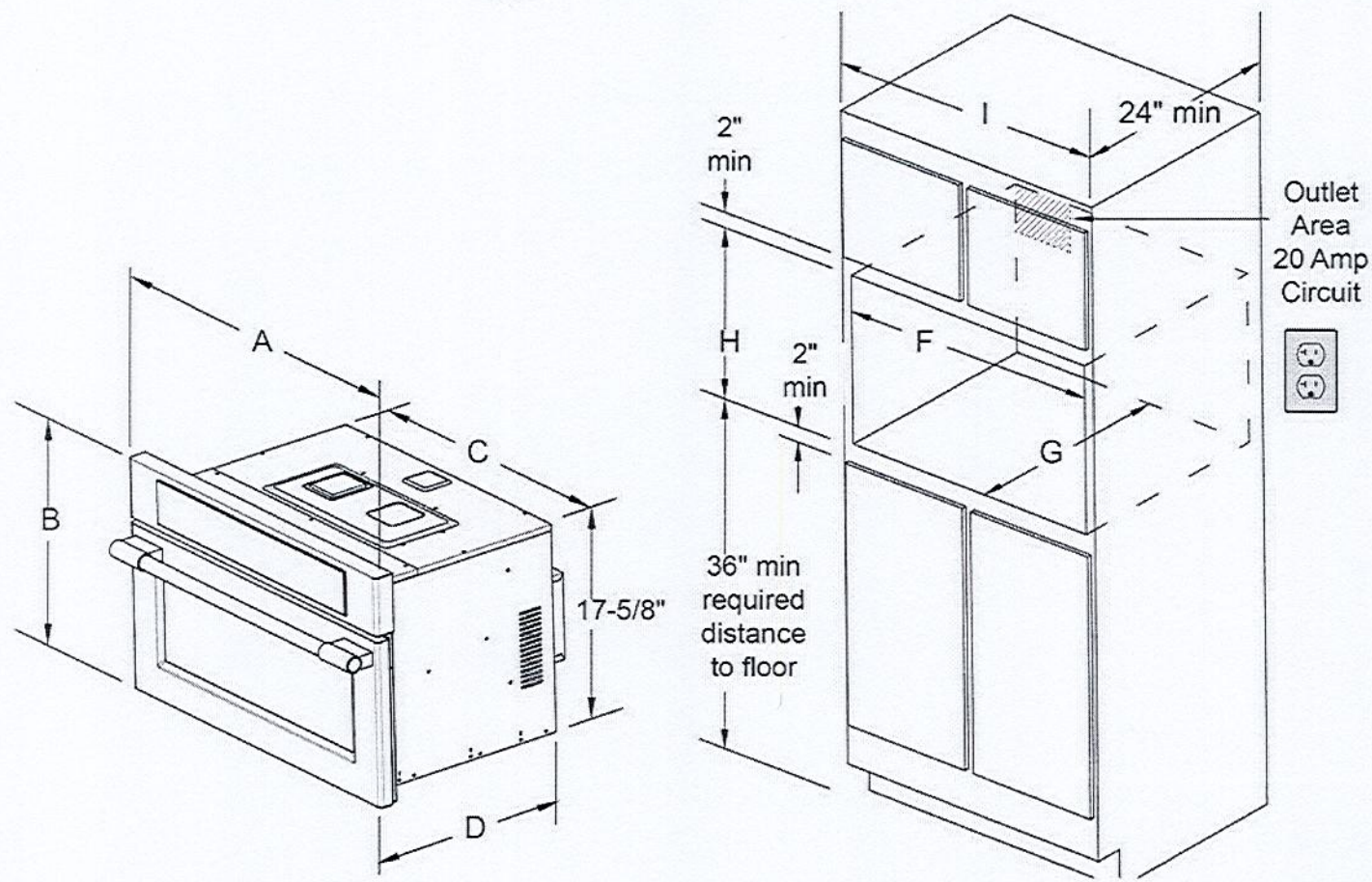
Prop 65 Label	Yes
Warranty - Labor	1 Year
Warranty - Parts	1 Year

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Installation Diagram



PRODUCT DIMENSIONS						
MODEL	A		B	C		D
Convection Microwave Oven	29-13/16		19	24-5/8		23
CUTOUT DIMENSIONS AND CABINET WIDTH						
MODEL	F		G	H		I
	Min.	Max.	Min	Min.	Max.	Min.
Convection Microwave Oven	28	28-3/8	22	17-3/4	18	30-1/8

All dimensions are in inches (cm).

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24" Recessed Handle Dishwasher

300 Series – Stainless Steel SHE53C85N



SHE53C85N  
Stainless Steel

Also available in:  
White SHE53C82N  
Black SHE53C86N

The 3rd rack provides the perfect space for silverware and large utensils while its V shape leaves room below for taller items.

Features & Benefits

46 dBA: dishwasher runs quietly so your kitchen conversations aren't interrupted.

With PrecisionWash®, intelligent sensors and precision spray arms target every item of every load, so dishes come out sparkling clean every time.

Enhance your cleaning experience with Wi-Fi enabled Home Connect®. Access additional wash cycles and options or choose the right one for your needs using Smart Cycle.

General Properties	
Number of wash cycles	5 + 3 additional in Home Connect®
Number of options	3 + 2 additional in Home Connect®
dBA	46
Wash system	PrecisionWash®
Drying system	PureDry®
Third rack	Standard 3rd Rack
Rack adjustability	Rackmatic®
Tub material	Stainless Steel
Control type	Touch Controls
Concealed water heating element	Yes
Leak protection system	24/7 AquaStop®
Home Connect® (WiFi enabled)	Yes
NSF®-certified* sanitize option	Yes
Water softener	No
Five-level wash	Yes
Child Lock button suspension	Yes
Anti-Fingerprint Finish	Yes
Special features	Extra Dry Option
Efficiency	
Water usage per cycle	3.5 gal
ENERGY STAR® certified	No
Total annual energy consumption	269 kWh
Capacity	
Number of place settings	16



Technical Details	
Watts	1440 W
Current	12 Amps
Volts	120 V
Frequency	60 Hz
Power cord full length	67"
Power cord install length from edge of unit when facing the door	Left – 45" Right – 56"
Minimum water pressure	14 lb/sin
Length outlet hose	78 3/4"
Dimensions & Weight	
Overall appliance dimensions (HxWxD)	33 7/8" x 23 9/16" x 23 3/4"
Required cutout size (HxWxD)	33 7/8" x 24" x 24"
Adjustable feet	Yes
Net weight	81 lbs
Accessories—Optional	
Junction Box	SMZPCJB1UC
Junction Box + Supply Hose Kit	SMZ3IN1UC
Bosch Dishwasher Water Supply Hose	SMZSH1ABUC
Drain Hose Extension Kit	SGZ1010UC
Flexible Silverware Basket	SMZ4000UC
Dishwasher Accessory Kit	SMZ5000
Anti-Tarnish Silverware Cassette	SMZ5002UC
Edge Protector + Power Cord Clip Install Kit	SMZEPCC1UC



\*Certification to NSF/ANSI Standard 184 for residential dishwashers

**Accessories:** To purchase Bosch accessories, cleaners & parts please visit [www.bosch-home.com/us/store](http://www.bosch-home.com/us/store) or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST, Sat 6 am to 3 pm PST).

**Notes:** All height, width and depth dimensions are shown in inches. BSH reserves the absolute and unrestricted right to change product materials and specifications, at any time, without notice. Consult the product's installation instructions for final dimensional data and other details prior to making cutout.

**Warranties:** Please see Use & Care manual or Bosch website for statement of limited warranty.

**For more information on our entire line of products, go to [www.bosch-home.com/us](http://www.bosch-home.com/us) or call 1-800-944-2904**

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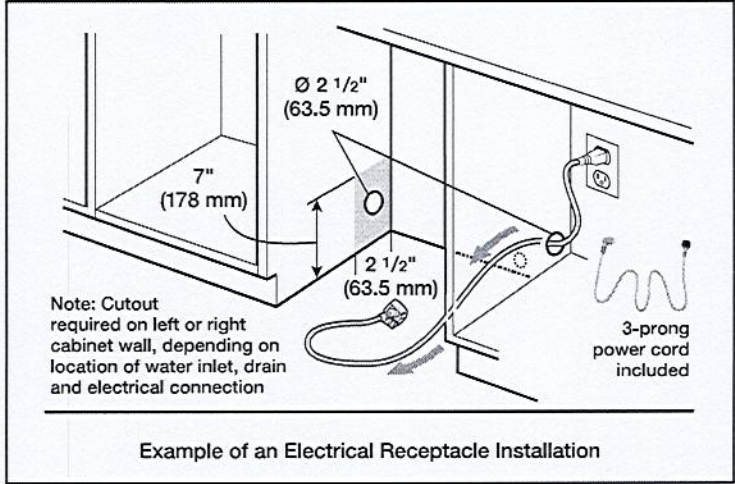
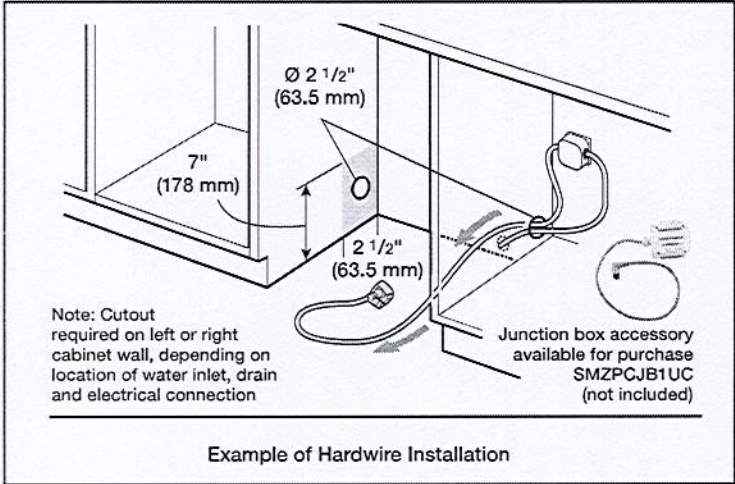
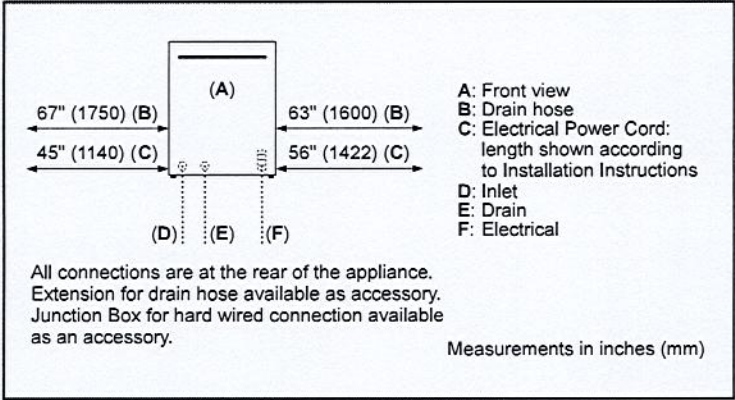
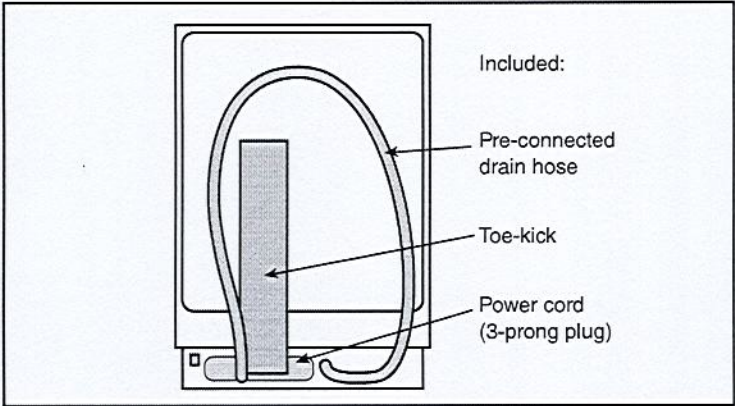
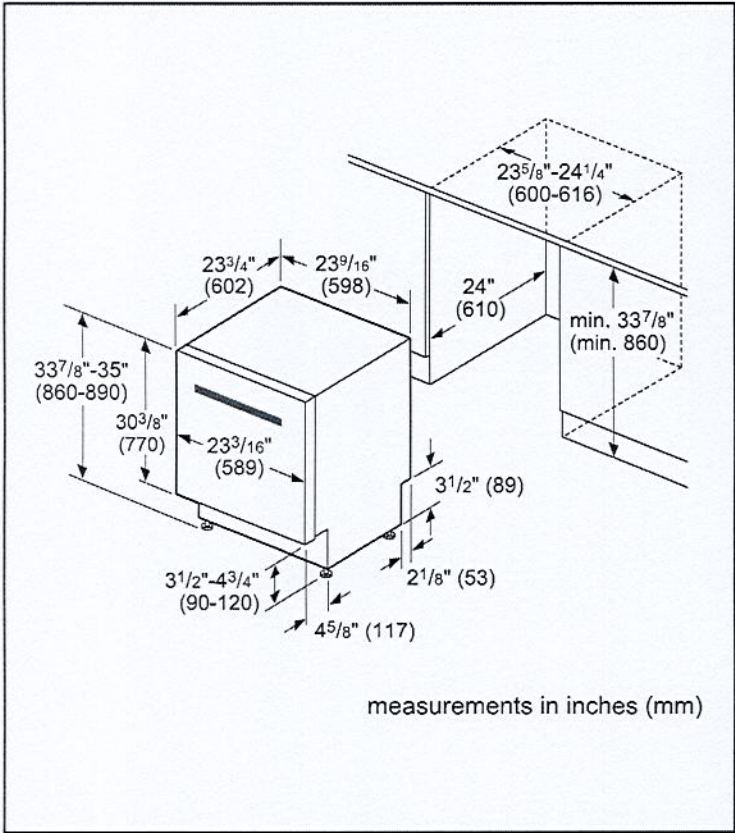


# 24" Recessed Handle Dishwasher

300 Series – Stainless Steel SHE53C85N



## Installation Details



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300 Series – Stainless Steel SHE53C85N



## Installation Details

Note: Plumbing installations will vary - refer to local codes. Drain hose included is 79" (201 cm) and can be extended to a maximum of 155 3/4" (396 cm).

Always use the approved drain hose extension kit (SGZ1010UC).

Ensure a portion of the drain hose is raised between min. 33" (84 cm) and max. 43" (110 cm) above the cabinet floor.

**Accessories:** To purchase Bosch accessories, cleaners & parts please visit [www.bosch-home.com/us/store](http://www.bosch-home.com/us/store) or call 1-800-944-2904 (Mon to Fri 5 am to 6 pm PST, Sat 6 am to 3 pm PST).

**Notes:** All height, width and depth dimensions are shown in inches. BSH reserves the absolute and unrestricted right to change product materials and specifications, at any time, without notice. Consult the product's installation instructions for final dimensional data and other details prior to making cutout.

**Warranties:** Please see Use & Care manual or Bosch website for statement of limited warranty.

**For more information on our entire line of products, go to [www.bosch-home.com/us](http://www.bosch-home.com/us) or call 1-800-944-2904**

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## 30" (76.2 CM) AND 36" (91.4 CM) WALL-MOUNT CANOPY RANGE HOOD

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### Installation Instructions and Use and Care Guide

For questions about features, operation/performance, parts, accessories or service, call: **1-800-422-1230**

or visit our website at **[www.kitchenaid.com](http://www.kitchenaid.com)**

In Canada, for assistance, installation and service, call: **1-800-807-6777**

or visit our website at **[www.kitchenaid.ca](http://www.kitchenaid.ca)**

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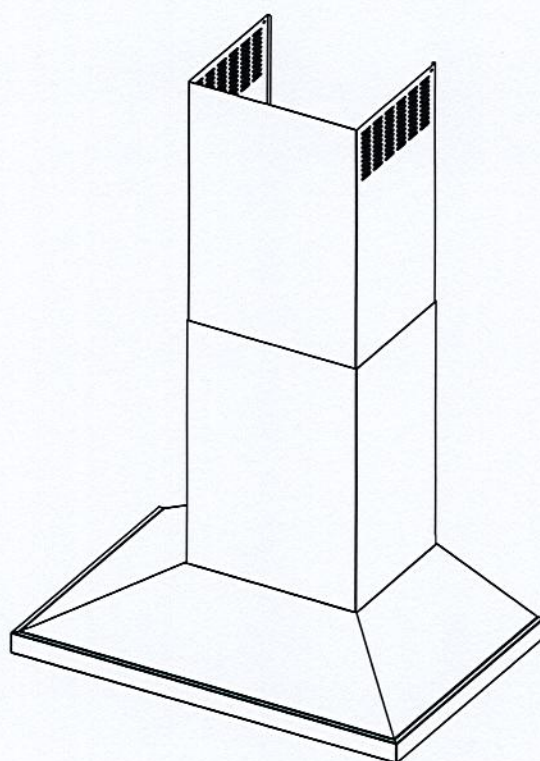
## HOTTE D'EXTRACTION À MONTAGE MURAL DE 30" (76,2 CM) ET 36" (91,4 CM)

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### Instructions d'installation et Guide d'utilisation et d'entretien

Au Canada, pour assistance, installation ou service, composez le **1-800-807-6777**

ou visitez notre site web à **[www.kitchenaid.ca](http://www.kitchenaid.ca)**



**IMPORTANT: READ AND SAVE THESE INSTRUCTIONS. FOR RESIDENTIAL USE ONLY.**

**IMPORTANT : LIRE ET CONSERVER CES INSTRUCTIONS. POUR UTILISATION RÉSIDENIELLE UNIQUEMENT.**

**LI315F/W11165094B**



# INSTALLATION REQUIREMENTS

## Tools and Parts

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

### Tools Needed

- Level
- Drill with 1¼" (3.0 cm), 3/8" (9.5 mm), and 5/16" (7.9 mm) drill bits
- Pencil
- Wire stripper or utility knife
- Tape measure or ruler
- Pliers
- Caulking gun and weatherproof caulking compound
- Vent clamps
- Jigsaw or keyhole saw
- Flat-blade screwdriver
- Metal snips
- Phillips screwdriver

### Parts Needed

- Home power supply cable
- 1/2" (13 mm) UL listed or CSA approved strain relief
- Three UL Listed wire connectors

### For Vented Installations, You Will Also Need:

- One wall or roof cap
- Metal vent system

### For Non-Vented (Recirculating) Installations, You Will Also Need:

- Recirculation Kit Part Number W10692908 for non-vented (recirculating) installations only. See the "Assistance or Service" section to order.
- 6" (15.2 cm) diameter round metal vent duct—length required is determined by ceiling height.

### Parts Supplied

Remove parts from packages. Check that all parts are included.

- Hood canopy assembly with ventilator and LED and halogen lights installed
- Vent transition with back draft dampers installed
- Metal grease filter(s)—depending on model and size
- Vent cover support bracket
- Mounting template
- Two-piece vent cover
- Four 4.2 x 8 screws
- Six 5 x 45 mm mounting screws
- Two D6.4 x 18 mm washers
- Two 8 x 40 mm wall anchors
- Four 10 x 60 mm wall anchors
- Four 5.4 x 75 mm screws (for 10 x 60 mm wall anchors)
- Two 3.5 x 9.5 mm sheet metal screws
- T10® TORX®† adapter

†TORX and T10® are registered trademarks of Acument Intellectual Properties, LLC.

## Location Requirements

**IMPORTANT:** Observe all governing codes and ordinances. Have a qualified technician install the range hood. It is the installer's responsibility to comply with installation clearances specified on the model/serial/rating plate. The model/serial/rating plate is located behind the left filter on the rear wall of the vent hood.

Canopy hood location should be away from strong draft areas, such as windows, doors and strong heating vents.

Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance.

This range hood is recommended for use with cooktops with a maximum total rating of 65,000 BTUs or less.

Grounded electrical outlet is required. See the "Electrical Requirements" section.

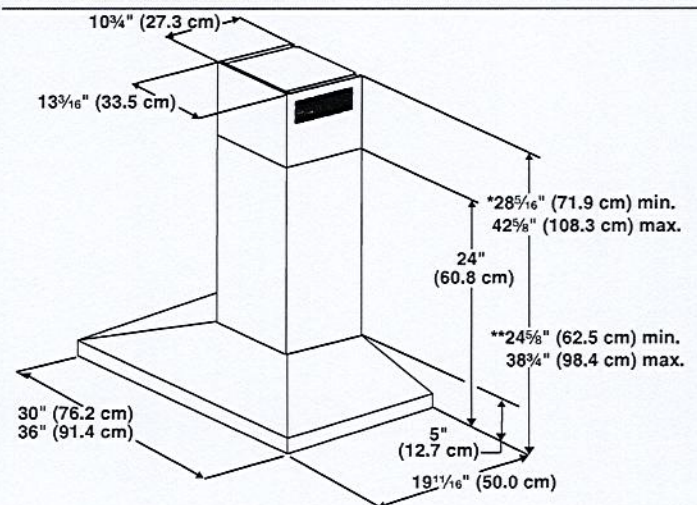
The canopy hood is factory-set for venting through the roof or wall. For non-vented (recirculating) installation see "For nonvented (recirculating) installation only" in the "Connect Vent System" section. Recirculation Kit Part Number W10692908 is available from your dealer or an authorized parts distributor.

All openings in ceiling and wall where canopy hood will be installed must be sealed.

### For Mobile Home Installations

The installation of this range hood must conform to the Manufactured Home Construction Safety Standards, Title 24 CFR, Part 328 (formerly the Federal Standard for Mobile Home Construction and Safety, Title 24, HUD, Part 280) or when such standard is not applicable, the standard for Manufactured Home Installation 1982 (Manufactured Home Sites, Communities and Setups) ANSI A225.1/NFPA 501A, or latest edition, or with local codes.

### Product Dimensions

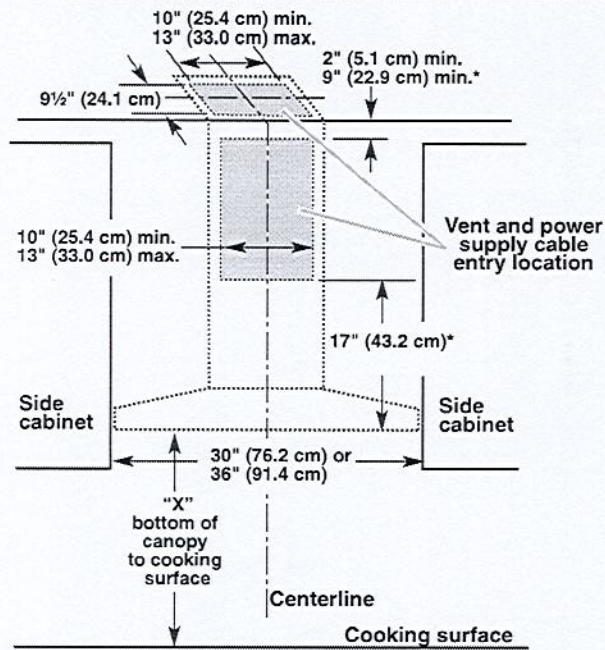


\*For non-vented (recirculating) installations

\*\*For vented installations



Cabinet Dimensions



\*For non-vented (recirculating) installations

IMPORTANT:

- Minimum distance "X": 24" (61.0 cm) from electric cooking surface.
- Minimum distance "X": 27" (68.6 cm) from gas cooking surfaces.
- Suggested maximum distance "X": 36" (91.4 cm)

The chimneys can be adjusted for different ceiling heights. See the following chart.

Vented Installations		
	Min. ceiling height	Max. ceiling height
Electric cooking surface	7' 1" (2.16 m)	9' 2" (2.79 m)
Gas cooking surface	7' 4" (2.23 m)	9' 2" (2.79 m)

Non-vented (recirculating) Installations		
	Min. ceiling height	Max. ceiling height
Electric cooking surface	7' 1" (2.16 m)	9' 6" (2.9 m)
Gas cooking surface	7' 4" (2.23 m)	9' 6" (2.9 m)

**NOTE:** The range hood chimneys are adjustable and designed to meet varying ceiling or soffit heights depending on the distance "X" between the bottom of the range hood and the cooking surface. For higher ceilings, a Chimney Extension Kit is available from your dealer or an authorized parts distributor. The chimney extension replaces the chimney shipped with the range hood. To order, see the "Assistance or Service" section.

Venting Requirements  
(Vented Models Only)

- Vent system must terminate to the outdoors except for non-vented (recirculating) installations.
- Do not terminate the vent system in an attic or other enclosed area.
- Do not use 4" (10.2 cm) laundry-type wall caps.
- Use metal vent only. Rigid metal vent is recommended. Plastic or metal foil vent is not recommended.
- The length of vent system and number of elbows should be kept to a minimum to provide efficient performance.

For the Most Efficient and Quiet Operation:

- Use no more than three 90° elbows.
- Make sure there is a minimum of 24" (61.0 cm) of straight vent between the elbows if more than one elbow is used.
- Do not install two elbows together.
- Use clamps to seal all joints in the vent system.
- The vent system must have a damper. If the roof or wall cap has a damper, do not use the damper supplied with the range hood.
- Use caulking to seal exterior wall or roof opening around the cap.
- The size of the vent should be uniform.

Cold Weather Installations

An additional back draft damper should be installed to minimize backward cold air flow and a thermal break should be installed to minimize conduction of outside temperatures as part of the vent system. The damper should be on the cold air side of the thermal break.

The break should be as close as possible to where the vent system enters the heated portion of the house.

Makeup Air

Local building codes may require the use of makeup air systems when using ventilation systems greater than specified CFM of air movement. The specified CFM varies from locale to locale. Consult your HVAC professional for specific requirements in your area.

Venting Methods

This canopy range hood is factory set for venting through the roof or through the wall.

A 6" (15.2 cm) round vent system is needed for installation (not included). The hood exhaust opening is 6" (15.2 cm) round.

**NOTE:** Flexible vent is not recommended. Flexible vent creates back pressure and air turbulence that greatly reduce performance.

Vent system can terminate either through the roof or wall. To vent through a wall, a 90° elbow is needed.

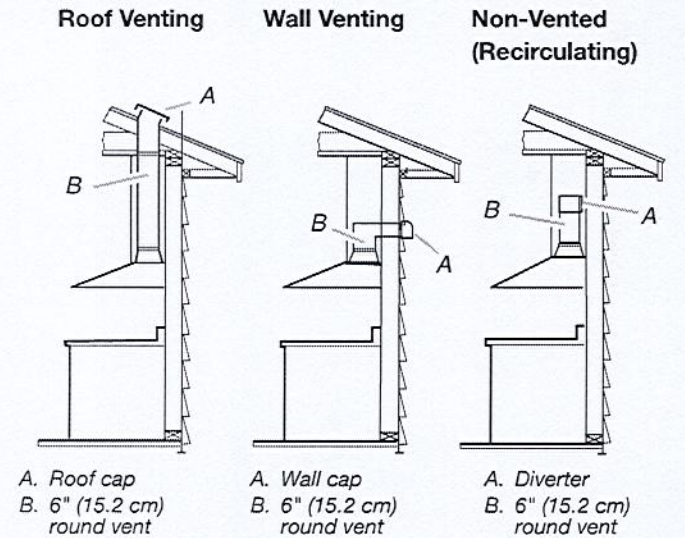
Rear Discharge

A 90° elbow may be installed immediately above the hood.





For Non-Vented (Recirculating) Installations

If it is not possible to vent cooking fumes and vapors to the outside, the hood can be used in the non-vented (recirculating) version using a Recirculation Kit (which includes charcoal filters and a deflector). To order, see the "Assistance or Service" section.



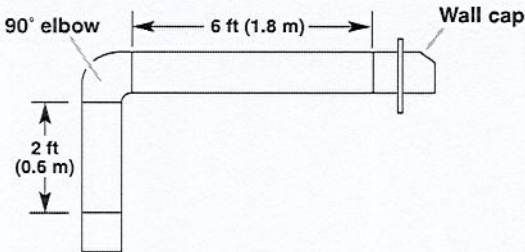
Calculating Vent System Length

To calculate the length of the system you need, add the equivalent feet (meters) for each vent piece used in the system.

Vent Piece	6" (15.2 cm) Round
45° elbow	2.5 ft (0.8 m) 
90° elbow	5.0 ft (1.5 m) 

Maximum equivalent vent length is 35 ft (10.7 m).

Example Vent System



The following example falls within the maximum recommended vent length of 35 ft (10.7 m).

1 - 90° elbow	= 5.0 ft (1.5 m)
1 - wall cap	= 0.0 ft (0.0 m)
8 ft (2.4 m) straight	= 8.0 ft (2.4 m)
Length of system	= 13.0 ft (3.9 m)

Electrical Requirements

Observe all governing codes and ordinances.  
Ensure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 (latest edition), or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. 0-M91 (latest edition) and all local codes and ordinances.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

A copy of the above code standards can be obtained from:  
National Fire Protection Association  
1 Batterymarch Park  
Quincy, MA 02169-7471  
CSA International  
8501 East Pleasant Valley Road  
Cleveland, OH 44131-5575

- A 120 V, 60 Hz, AC only, 15 A, fused electrical circuit is required.
- If the house has aluminum wiring, follow the procedure below:  
Connect the aluminum wiring using special connectors and/or tools designed and UL listed for joining copper to aluminum.  
Follow the electrical connector manufacturer's recommended procedure. Aluminum/copper connection must conform with local codes and industry accepted wiring practices.
- Wire sizes and connections must conform with the rating of the appliance as specified on the model/serial/rating plate. The model/serial/rating plate is located behind the left filter on the rear wall of the range hood.
- Wire sizes must conform to the requirements of the National Electrical Code, ANSI/NFPA 70 (latest edition), or CSA Standards C22. 1-94, Canadian Electrical Code, Part 1 and C22.2 No. 0-M91 (latest edition) and all local codes and ordinances.



# INSTALLATION INSTRUCTIONS

## Prepare Location

- It is recommended that the vent system be installed before hood is installed.
  - Before making cutouts, make sure there is proper clearance within the ceiling or wall for exhaust vent.
  - Check your ceiling height and the hood height maximum before you select your hood.
1. Disconnect power.
  2. Determine which venting method to use: roof, wall, or non-vented.
  3. Select a flat surface for assembling the range hood. Place covering over that surface.

### **⚠ WARNING**

#### **Excessive Weight Hazard**

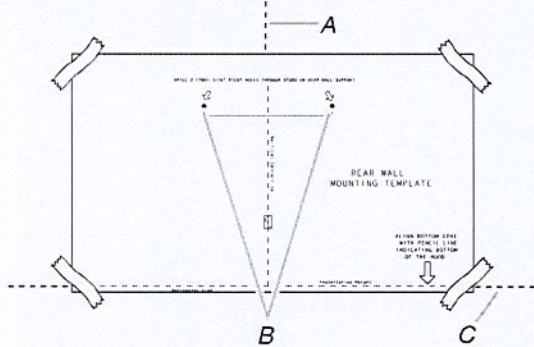
**Use two or more people to move and install range hood.**

**Failure to do so can result in back or other injury.**

4. Using two or more people, lift range hood onto covered surface.

#### **Range Hood Mounting Screws Installation**

1. Determine and mark the centerline on the wall where the canopy hood will be installed.
2. Select a mounting height between a minimum of 24" (61.0 cm) for an electric cooking surface, a minimum of 27" (68.6 cm) for a gas cooking surface, and a suggested maximum of 36" (91.4 cm) above the range to the bottom of the hood. Mark a reference line on the wall.
3. Tape template in place, aligning the template centerline and bottom of template with hood bottom line and with the centerline marked on the wall.



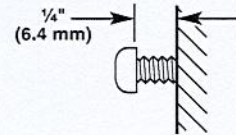
- A. Centerline  
B. Fastener locations  
C. Mounting height reference (hood bottom line)

4. Mark centers of the fastener locations through the template to the wall.

**IMPORTANT:** All canopy mounting screws must be installed into wood where possible. If there is no wood to screw into, additional wall framing supports may be required, or use the four 10 x 60 mm wall anchors and 5.4 x 75 mm screws.

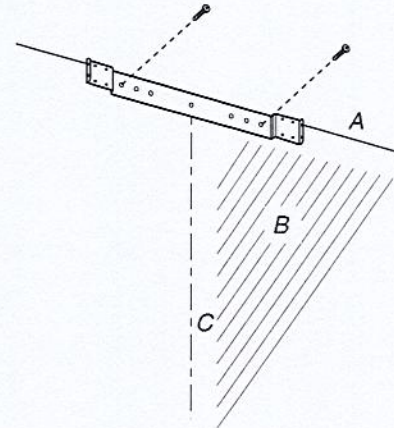
Remove the template.

5. For wood, drill 3/16" (4.8 mm) pilot holes at all locations where screws are being installed into wood.  
For wall anchors, drill 7/16" (10 mm) holes at all locations where wall anchors are being used.
6. For wood, install two 5 x 45 mm mounting screws. Leave a 1/4" (6.4 mm) gap between the wall and the back of the screw head to slide range hood into place. For wall anchors, install the 10 x 60 mm wall anchors and install the 5.4 x 75 mm screws into the wall anchors. Tighten until the wall anchors are secure. Back the screws out 1/4" (6.4 mm).



#### **Vent Cover Bracket Installation**

1. Attach vent cover bracket to wall flush to the ceiling using two 5 x 45 mm screws. Use the optional wall anchors if needed.



- A. Ceiling  
B. Wall  
C. Centerline

#### **Complete Preparation**

1. Determine and make all necessary cuts in the wall for the vent system. Install the vent system before installing the hood. See the "Venting Requirements" section.
2. Determine the required height for the home power supply cable and drill a 1 1/4" (3.2 cm) hole at this location.
3. Run the home power supply cable according to the National Electrical Code or CSA Standards and local codes and ordinances. There must be enough 1/2" (13 mm) conduit and wires from the fused disconnect (or circuit breaker) box to make the connection in the hood's electrical terminal box.  
**NOTE:** Do not reconnect power until installation is complete.
4. Use caulk to seal all openings.



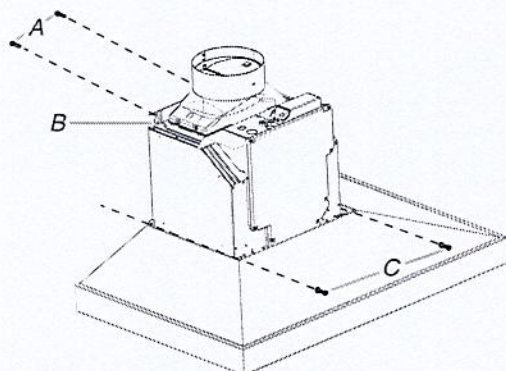
### Install In-Line Smart Kit (Optional)

**NOTE:** Your range hood can work with either an internal or an in-line (external) blower motor system. An optional In-Line Smart Kit (purchased separately) allows the blower motor that comes with this range hood to be installed in a location other than inside the range hood cavity.

**CAUTION:** To reduce the risk of fire and electric shock, install this range hood only with the In-Line Smart Kit manufactured by Whirlpool, part number W10692945. For installation see the In-Line Smart Kit installation instructions. See the "Assistance or Service" section to order.

### Install Range Hood

1. Using two or more people, hang range hood on two mounting screws through the mounting slots on back of hood.

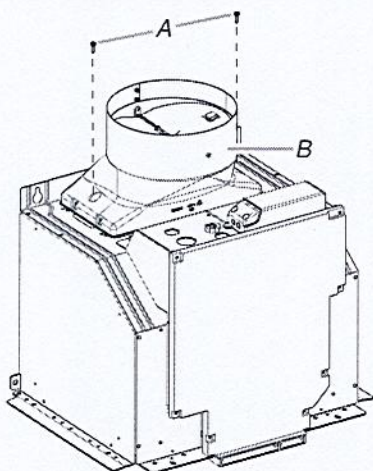


A. Mounting screws  
B. Mounting slots  
C. Lower mounting screws and washers

2. Remove the grease filter. See the "Range Hood Care" section.
3. Level the range hood and tighten upper mounting screws.
4. Install two 5 x 45 mm lower mounting screws and two D6.4 x 18 mm washers and tighten. Use the optional wall anchors if needed.

### Connect Vent System

1. Install transition on top of hood (if removed for shipping) with two 3.5 x 9.5 mm sheet metal screws.



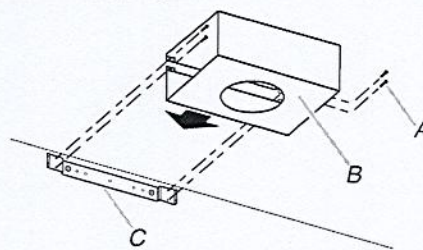
A. Vent transition  
B. 3.5 x 9.5 mm screws

### For Vented Installations Only:

1. Fit vent system over the exhaust outlet.
2. Seal connection with clamps.
3. Check that back draft dampers work properly.

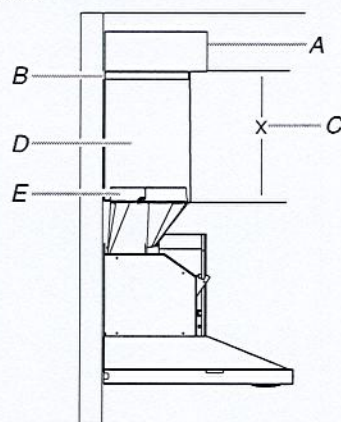
### For Non-Vented (Recirculating) Installation Only:

1. Assemble the air deflector with the duct cover bracket using four 4.2 x 8 mm screws.



A. Assembly screws  
B. Air deflector  
C. Duct cover bracket

2. Measure from the bottom of the air deflector to the bottom of the hood outlet.



A. Air deflector  
B. Vent clamp  
C. X = length to cut vent duct  
D. Vent duct  
E. Exhaust outlet

3. Cut the duct to the measured size "X."
4. Remove the air deflector.
5. Slide the duct onto the bottom of the air deflector.
6. Place the assembled air deflector and duct over the exhaust outlet from the hood.
7. Reassemble the air deflector to the duct cover bracket with the four assembly screws.
8. Seal connections with vent clamps.



## Make Electrical Connection

### **⚠ WARNING**



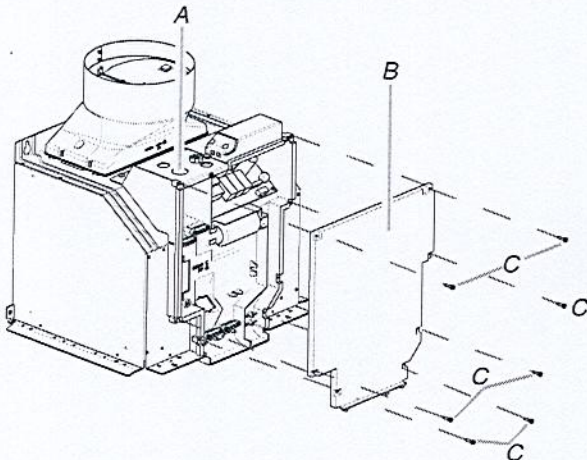
#### **Electrical Shock Hazard**

Disconnect power before servicing.

Replace all parts and panels before operating.

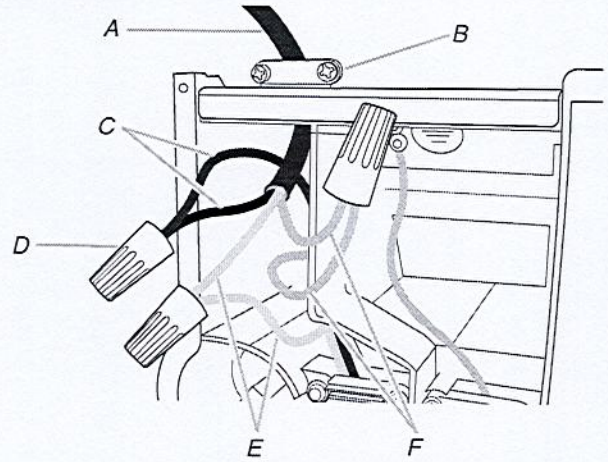
Failure to do so can result in death or electrical shock.

1. Disconnect power.
2. Remove terminal box cover.
3. Remove the knockout in the terminal box cover and install a UL listed or CSA approved 1/2" (13 mm) strain relief.



A. Knockout  
B. Terminal box cover  
C. Screws (7)

4. Run home power supply cable through strain relief into terminal box.



A. Home power supply cable  
B. UL Listed or CSA approved strain relief  
C. Black wires  
D. UL Listed wire connectors  
E. White wires  
F. Green (or bare) and yellow-green ground wires

5. Use UL Listed wire connectors and connect black wires (C) together.
6. Use UL Listed wire connectors and connect white wires (E) together.

### **⚠ WARNING**



#### **Electrical Shock Hazard**

**Electrically ground blower.**

Connect ground wire to green and yellow ground wire in terminal box.

Failure to do so can result in death or electrical shock.

7. Connect green (or bare) ground wire from home power supply to yellow-green ground wire (F) in terminal box using UL Listed wire connectors.
8. Tighten strain relief screw.
9. Install terminal box cover.
10. Check that all light bulbs are secure in their sockets.
11. Reconnect power.

#### **Optional Power Cord Kit Installations**

For optional power cord kit installations, follow the instructions supplied with the power cord kit. See the "Assistance or Service" section for information on ordering.

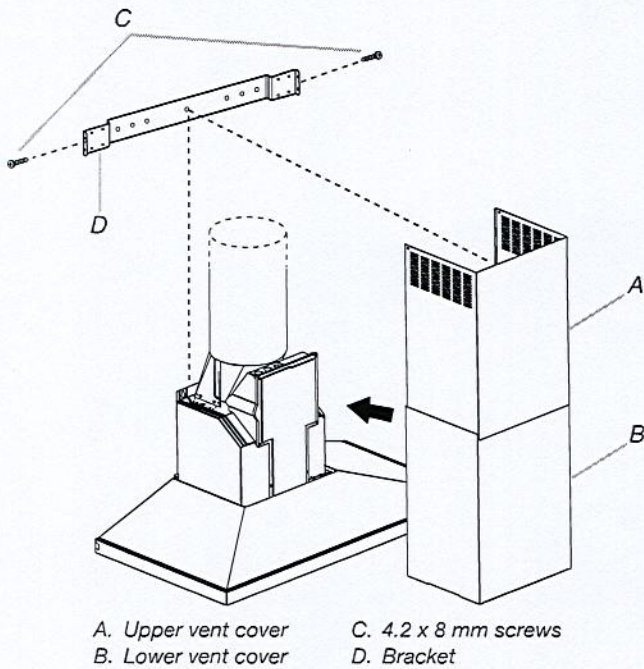
**NOTE:** Use only with range hood cord connection kits that have been investigated and found acceptable for use with this model range hood.



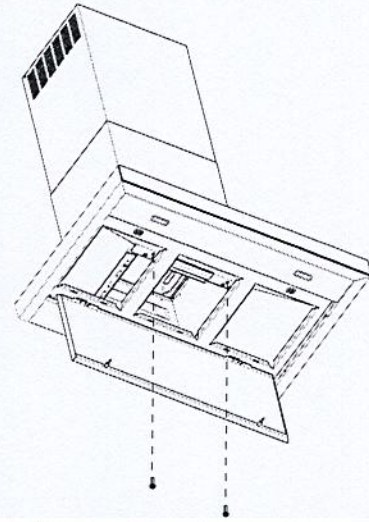
## Install Vent Covers

When using both upper and lower vent covers, push lower cover down onto hood and lift upper cover to ceiling and install with two 4.2 x 8 mm screws.

**NOTE:** For vented installations the upper vent cover may be reversed to hide slots.



Secure the bottom of the duct with two 4.2 x 8 mm screws.



## Complete Installation

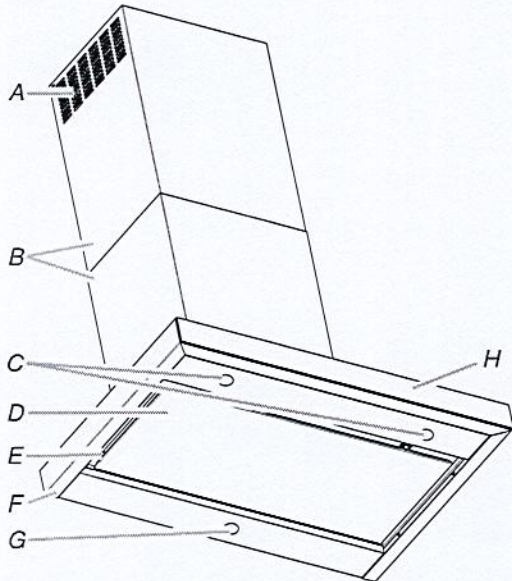
1. For non-vented (recirculating) installations only, install charcoal filters over grille on blower housing. See the "Range Hood Care" section.
2. Install metal filters. See the "Range Hood Care" section.
3. Check the operation of the range hood blower and light. See the "Range Hood Use" section.

**NOTE:** To get the most efficient use from your new range hood, read the "Range Hood Use" section.

## RANGE HOOD USE

The range hood is designed to remove smoke, cooking vapors and odors from the cooktop area. For best results, start the hood before cooking and allow it to operate several minutes after the cooking is complete to clear all smoke and odors from the kitchen.

The range hood controls are located on the front side of the canopy.



### Control Panel



## Controls and Features

### NOTES:

- To activate the controls, press and release the desired button.
- The control feature touch will be lit when a control feature is turned on.

### Sleep Mode

The range hood automatically enters Sleep Mode when not in use. After 10 minutes of no range hood activity, all of the control button lights will turn off. To deactivate Sleep Mode, press any button.

### Auto Sense

Auto Sense allows the range hood fan to turn on automatically when it senses heat higher than its allowable temperature limit. When Auto Sense is on, the fan speed will increase or decrease based on the temperature Auto Sense is measuring.

Auto Sense can be manually increased by pressing a higher fan speed. The fan will run at the selected speed for 10 minutes before returning to the speed selected for Auto Sense.

If Auto Sense is on, the Auto button light will turn off and go into Sleep Mode when the vent hood is not in use. If the vent hood is turned on by the consumer or by Auto Sense, the Auto button light will turn on.