



CONSTRUCTION SUMMARY

North Oakville - 29 - 1 - OSPREY (38-10) Elev B

Registere Plan Number: Municipal Address: Closing: **25-Aug-20**

CABINETRY

Inv.56	1 - KITCHEN - EXTEND TWO PIECE STACKED KITCHEN CABINETS
1	Note:
Line 831	
28Jan20 / 28Jan20	

CEILING

Inv.56	1 - REMOVE COFFERED CEILING IN LIBRARY
4	Note:
Line 834	
28Jan20 / 28Jan20	

CERAMIC TILE

Inv.56	1 - 24 X24 CERAMIC TILES IN ALL MAIN FLOOR AREAS WHERE TILES ARE SHOWN (AS PER
10	BUILDER STANDARD SAMPLES)
Line 840	Note:
28Jan20 / 28Jan20	

CONSTRUCTION

Inv.53	1 - BASEMENT: MAKE 2 ROOMS IN BASEMENT. RELOCATE BASEMENT WASHROOM. MAKE
20	FURNACE ROOM SMALLER. SEE ATTACHED SKETCH
Line 1429	Note:
20Jan20 / 11Jun20	

Inv.56	1 - KITCHEN SINK, STOVE & DISHWASHER ROUGH-INS TO BE RE-LOCATED AS PER
5	SKETCH
Line 835	Note:
28Jan20 / 28Jan20	

Inv.56	1 - BASEMENT - 9FT CEILING HEIGHT FINISHED
2	Note:
Line 832	
28Jan20 / 28Jan20	

Inv.56	1 - SIDE DOOR ENTRY (WHERE GRADING PERMITS)
3	Note:
Line 833	
28Jan20 / 28Jan20	

Inv.56	1 - SECOND FLOOR OPTION 2 (OPTIONAL 4TH BEDROOM PLAN WITH 4 BATHROOMS) AS
8	PER SKETCH
Line 838	Note: AS DISCUSSED WITH VIRG, 4TH BATHROOM MAY NOT BE POSSABLE. WE WILL TRY.
28Jan20 / 28Jan20	

Inv.56	1 - EXTEND WALL IN LIBRARY - AS PER SKETCH
9	Note:
Line 839	
28Jan20 / 28Jan20	

Inv.53	1 - KITCHEN/BREAKFAST AREA: RELOCATE KITCHEN BACK DOOR TO THE BREAKFAST
30	AREA. INCLUDES SIDELITE. SEE SKETCH
Line 1438	Note:
20Jan20 / 11Jun20	

Inv.53	1 - BASEMENT: MAKE FURNACE ROOM SMALLER. REQUIRES ADDITIONAL FLOOR
21	COVERING.
Line 1439	Note:
20Jan20 / 11Jun20	

CONSTRUCTION SUMMARY

North Oakville - 29 - 1 - OSPREY (38-10) Elev B

Registere Plan Number: Municipal Address: Closing: 25-Aug-20

Inv. 53	1 - REVISED KITCHEN:
22	PLEASE SEE REVISED KITCHEN DRAWING FROM FRENDEL. PURCHASER WILL BUY THE APPROPRIATE CABINETY AT THE TIME OF COLOURS. PLEASE USE FOR PLUMBING, ELECTRICAL AND WINDOW REFERENCES
Line 1440	Note:
20Jan20 / 11Jun20	

CONSTRUCTION

Inv. 53	1 - COLD CELLAR
18	
Line 807	Note:
20Jan20 / 11Jun20	

ELECTRICAL

Inv. 53	1 - BELL AND CABLE LOCATION SKETCH. LOCATIONS MAY VARY SLIGHTLY DUE TO JOIST LOCATIONS
11	
Line 800	Note:
20Jan20 / 11Jun20	
Inv. 53	1 - GREAT ROOM: INSTALL RECEPTACLES - DEDICATED 15 AMP 120 VOLT RECEPTABLE- ABOVE FIREPLACE FOR FUTURE TV
12	
Line 801	Note:
20Jan20 / 11Jun20	
Inv. 53	1 - KITCHEN: MOVE FRIDGE LOCATION TO BACK ONTO DINING ROOM WALL. CABINETRY WILL BE PURCHASED TO ACCOMODATE AT COLOUR APPOINTMENT
23	
Line 1430	Note:
20Jan20 / 11Jun20	
Inv. 53	1 - KITCHEN: INSTALL ELECTRICAL - ROUGH-IN FOR 30 - 40 AMP BUILT-IN MICROWAVE IN WALL OVEN
24	
Line 1431	Note:
20Jan20 / 11Jun20	
Inv. 53	1 - KITCHEN: INSTALL ELECTRICAL - ROUGH-IN FOR 30 - 40 AMP BUILT-IN WALL OVEN
25	
Line 1432	Note:
20Jan20 / 11Jun20	
Inv. 56	1 - STOVE TO BE RE-LOCATED AS PER SKETCH
7	
Line 837	Note:
28Jan20 / 28Jun20	
Inv. 53	1 - KITCHEN: INSTALL RECEPTACLES - DEDICATED 15 AMP 120 VOLT RECEPTABLE FOR GAS STOVE
26	
Line 1568	Note:
20Jan20 / 11Jun20	

FIREPLACE

Inv. 53	1 - GREAT ROOM: REPLACE STANDARD FIREPLACE WITH
29	
	- ALLURAVISION 50 INCH DEEP DEPTH ELECTRIC FIREPLACE - GLASS FRONT - BLACK - INCLUDES SOUTH BEACH LOG SET - NEFL50CHD.
Line 1437	Note:
20Jan20 / 11Jun20	

HVAC

CONSTRUCTION SUMMARY

North Oakville - 29 - 1 - OSPREY (38-10) Elev B

Registere Plan Number: Municipal Address: Closing: 25-Aug-20

Inv.53 27 Line 1435 20Jan20 / 11Jun20	1 - FILTRATION - HUMIDIFICATION - CONTROL - FLO - THRU HUMIDIFIER LARGE HE205 - 18 GAL Note:
Inv.53 28 Line 1436 20Jan20 / 11Jun20	1 - AIR CONDITIONER - ROUGH - IN AIR CONDITIONER - INCLUDES VENTING AND ELECTRICAL Note:
Inv.53 19 Line 808 20Jan20 / 11Jun20	1 - KITCHEN: INSTALL GAS PIPING AND OTHER - GAS LINE R/I FOR MAIN FLOOR - STOVE - Note:

MISCELLANEOUS

Inv.53 31 Line 1479 20Jan20 / 11Jun20	1 - Purchaser has attended a Structural appointment at the Decor Centre & has DECLINED any additional upgrades and accepts and acknowledges that there will be no further structural changes/additions/deletions to be made upon signing Note:
Inv.53 32 Line 1480 20Jan20 / 11Jun20	1 - Purchasers are aware & accepts that ANY changes made to upgrades after signing this Purchasers Extra Form are subject to a minimum administration fee Note:

PAINT

Inv.56 6 Line 836 28Jan20 / 28Jan20	1 - STAINED HARDWOOD FLOORS, STAIRCASE STAIRS, POSTS & HANDRAILS (UPGRADED COST) Note:
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PLUMBING

Inv.53 15 Line 804 20Jan20 / 11Jun20	1 - ENSUITE 2: CONVERT TUB TO SHOWER. INCLUDES FRAMED GLASS SHOWER Note:
Inv.53 16 Line 805 20Jan20 / 11Jun20	1 - KITCHEN: INSTALL EXTRA ROUGH-IN LINE FOR FRIDGE ICE MAKER WITH SHUT-OFF Note:

VACCUM/BELL

Inv.53 13 Line 802 20Jan20 / 11Jun20	1 - GREAT ROOM: INSTALL CONDUIT - 1 1/4" ORANGE FLEX CONDUIT APPROX. 35FT FOR FIREPLACE- FOR FUTURE TV Note:
Inv.53 14 Line 803 20Jan20 / 11Jun20	1 - ATTIC: INSTALL CONDUIT - 1 1/4" ORANGE FLEX CONDUIT APPROX. 15FT FOR ATTIC Note:

WINDOWS



CONSTRUCTION SUMMARY

North Oakville - 29 - 1 - OSPREY (38-10) Elev B

Registere Plan Number: Municipal Address: Closing: 25-Aug-20

Inv. 53	4 - BASEMENT: UPGRADE FOUR (4)BASEMENT WINDOWS - EXTRA STANDARD WINDOW -
17	36 X 24
Line 806	Note:
20Jan20 / 11Jun20	

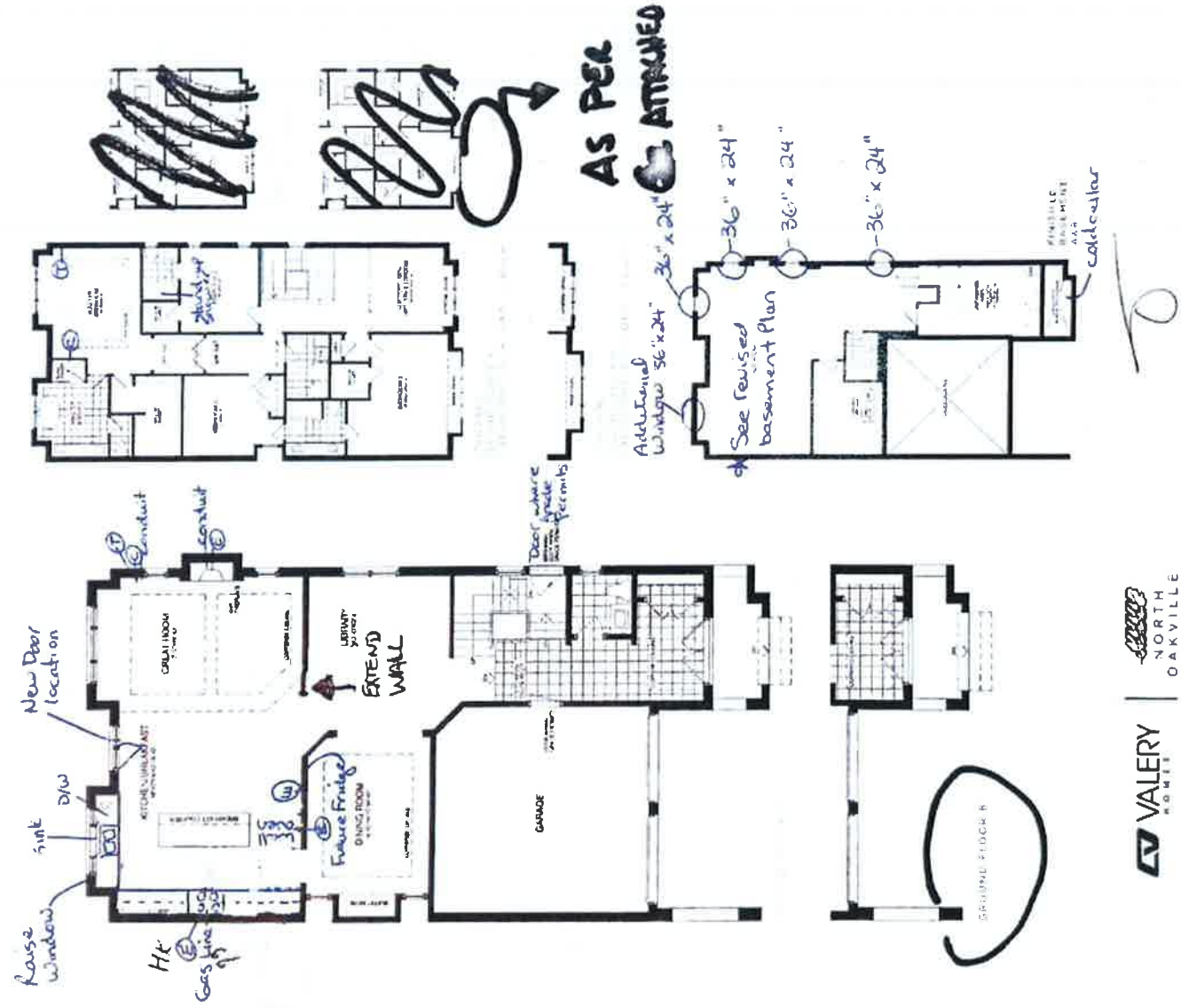
Lot 29

LOT 29

* See Revised Kitchen Drawing

OSPREY

3,900 SQ. FT.
INCLUDES 149 SQ. FT. FINISHED BASEMENT



THIS FLOOR PLAN IS A PRELIMINARY DESIGN AND IS NOT TO BE USED FOR CONSTRUCTION. IT IS THE PROPERTY OF VALERY HOMES AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. ANY REVISIONS TO THIS PLAN WILL BE MADE AT THE DISCRETION OF VALERY HOMES.

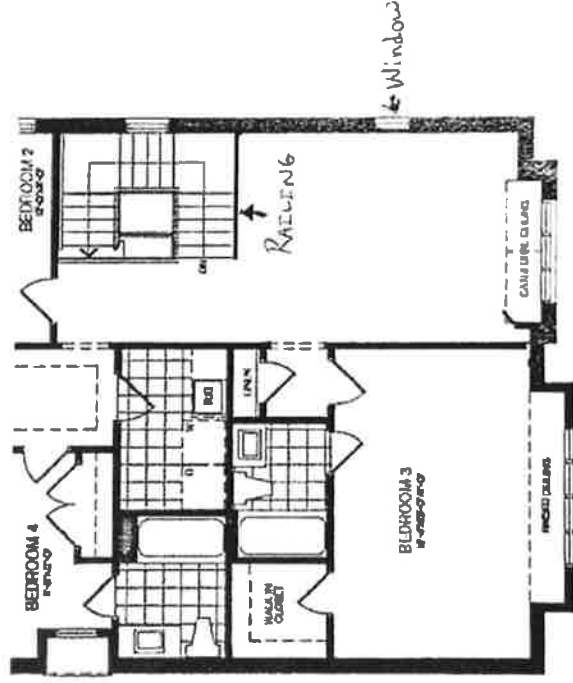
RS HK

Lot 29



Second Floor **B** Option 2

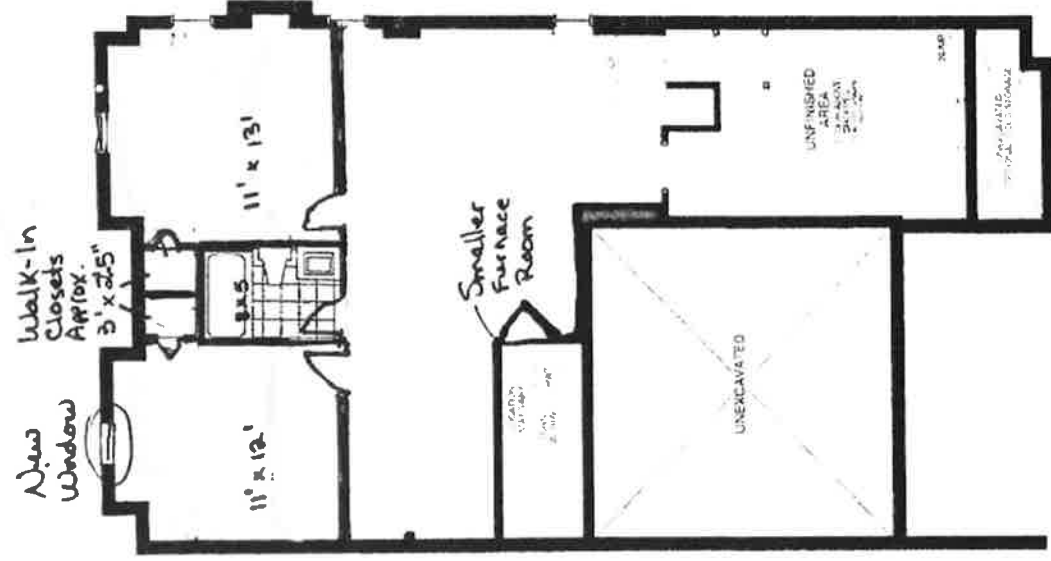
Lot 29

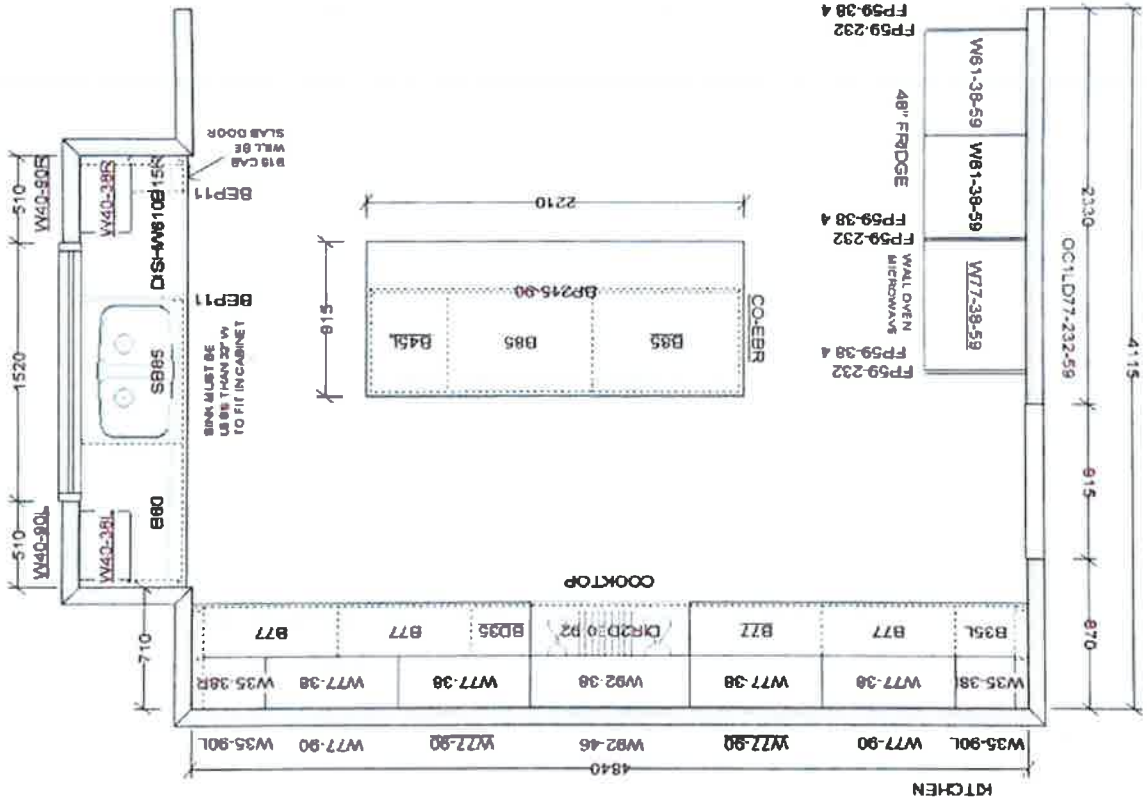


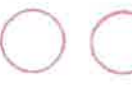
SECOND FLOOR **B**
OPTION 2

14 BATHS $\frac{19}{0}$ HK

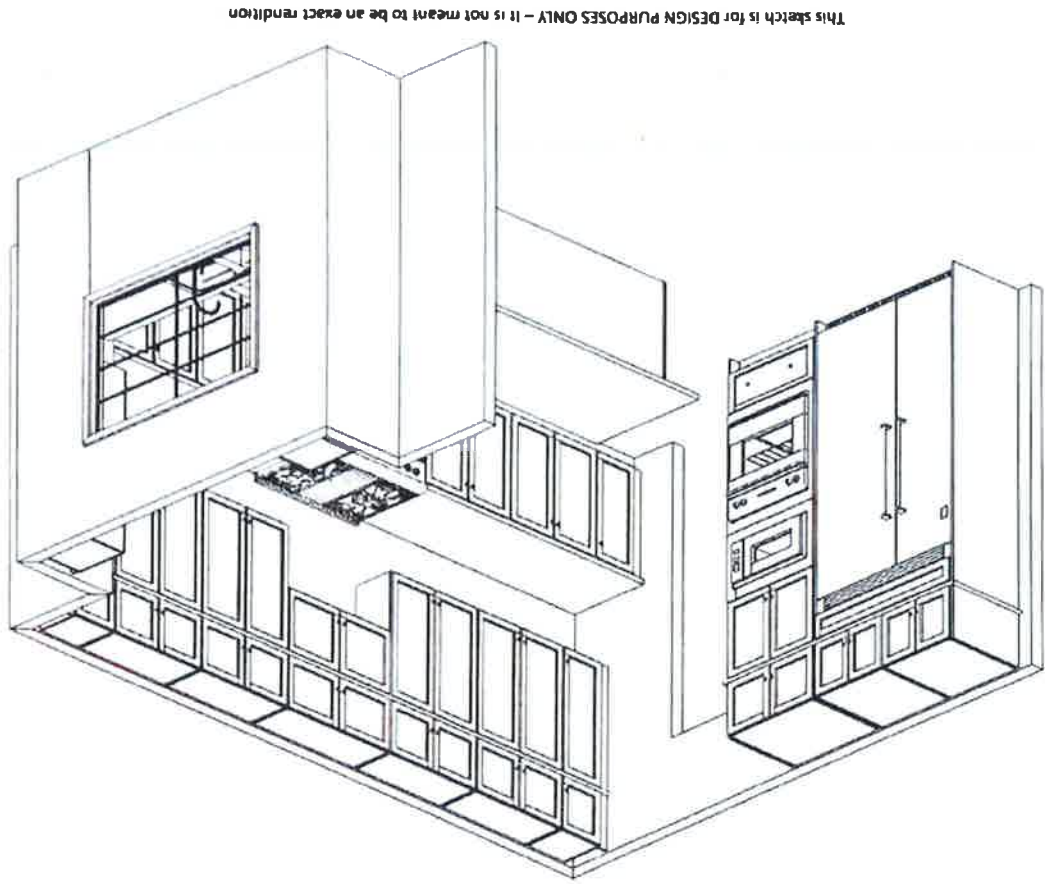
Lot 29
Basement
Plan





 PRINTED	VALERY HOMES NORTH OAKVILLE LOT 29		Drawn By: _____ Date: June 9, 2020 Scale: Not To Scale	Approved By Builder: _____ Date: _____
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 FRIEND	VALERY HOMES NORTH OAKVILLE LOT 29		Drawn By Date: June 9, 2020 Scale: Not to Scale	Approved By Builder	Color





VALERY HOMES
NORTH OAKVILLE
LOT 29



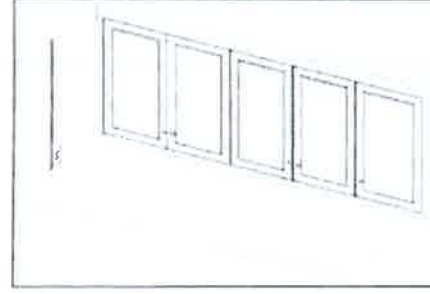
Drawn by
Date: June 9, 2020
Scale: Not to Scale

Approved by Builder:

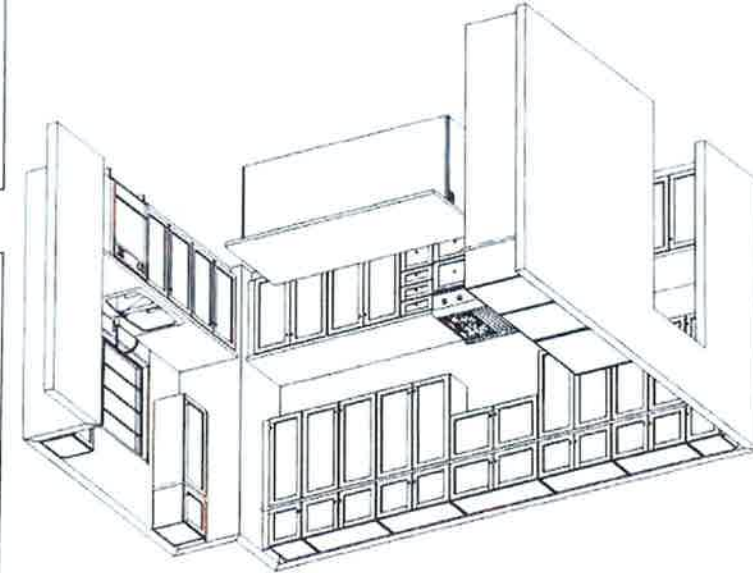
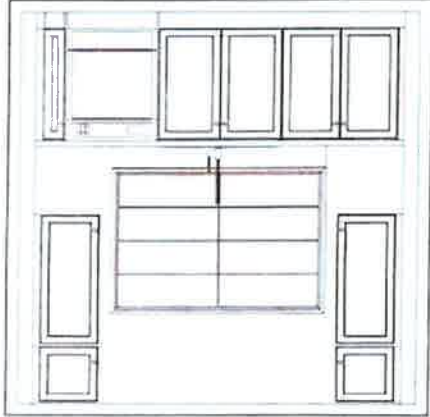
Date:

This sketch is for DESIGN PURPOSES ONLY - It is not meant to be an exact rendition

ISLAND



WINDOW WALL

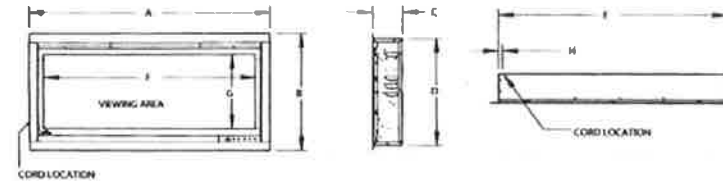


Lot 29



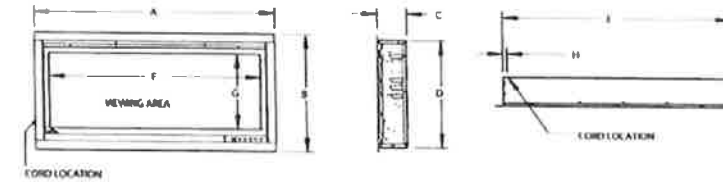
Alluravision® 50 Deep Depth
NEFL50CHD
Shown on pages 6-9

18" off finished floor



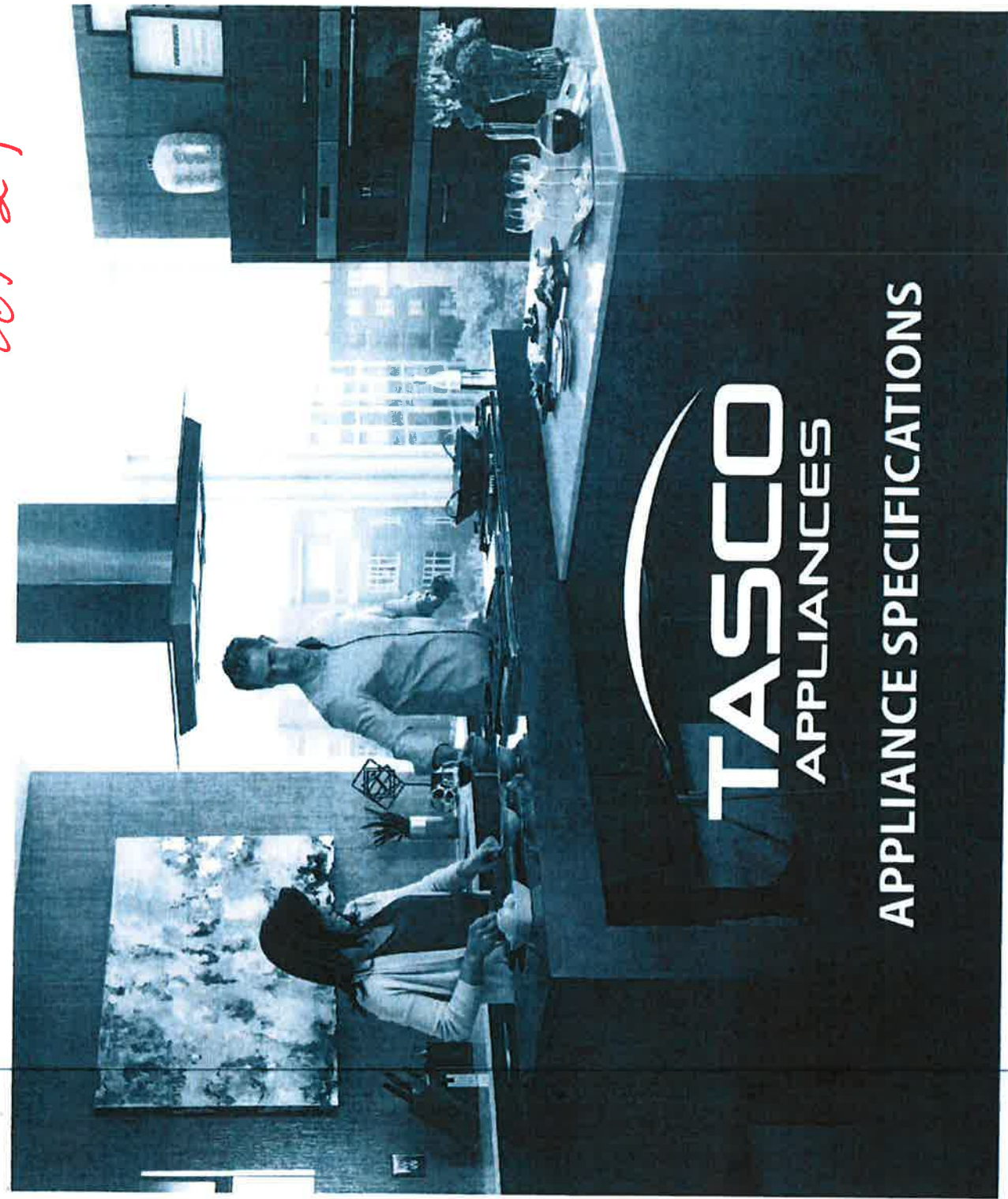
Model	BTU's	Watts	Height		Front Width		Depth		Viewing Area		Installation	Mobile Home Certified	Blower	Remote Control	Ember Bed	
			Actual	Framing	Actual	Framing	Actual	Framing	Height	Width					Logs	Crystals
NEFL50CHD	9,000	2,800	17 5/16"	16 1/8"	52 11/16"	50 13/16"	5 13/16"	6 1/16"	11 1/16"	48 1/2"	Wall Mount/ Fully Recessed	Yes	Included	Included	Included	Included

Alluravision® 60 Deep Depth
NEFL60CHD
Shown on pages 6-9



Model	BTU's	Watts	Height		Front Width		Depth		Viewing Area		Installation	Mobile Home Certified	Blower	Remote Control	Ember Bed	
			Actual	Framing	Actual	Framing	Actual	Framing	Height	Width					Logs	Crystals
NEFL60CHD	9,000	2,800	17 5/16"	16 1/8"	52 9/16"	60 11/16"	5 13/16"	6 1/16"	11 1/16"	58 5/16"	Wall Mount/ Fully Recessed	Yes	Included	Included	Included	Included

LOT 29



PROJECT PARTNER:

SHIP TO:
DHALIWAL, RAVI AND HARVINDER
14 GOLDTREE STREET
BRAMPTON, ON L6R 1T8

REMINDER:

To ensure a smooth project it is the responsibility of the homeowner / purchaser of appliances to share all the attached specifications with their cabinet provider, contractor, or any other tradesperson so they have the information required to complete their work accurately. Product specifications are for planning purposes only and are subject to change without notice. Refer to installation instructions shipped with the product before cutting cabinets, counters, panels, etc.

Tasco Appliances assumes no liability for product specifications.

RECEIVED

JUN 10 2020

DHALIWAL, RAVI AND HARVINDER

14 GOLDTREE STREET
BRAMPTON, ON L6R 1T8

Models	Pages
JMC2430IM Jenn-Air Wall Oven	3-11
JJW3430IM Jenn-Air Wall Oven	12-14
JS48NXFXDE Jenn-Air Refrigeration	15-29
JDTSS245GX Jenn-Air Dishwasher	30-33
JGCP436HM Jenn-Air Rangetop	34-42
WTW8500DC Whirlpool Washer	43-45
YWED8500DC Whirlpool Dryer	46-51

Note about page numbers:
Because the original manufacturer's documents are not altered in any way, the page numbers displayed on the page may not correspond to the page number within this package.



Tasco Appliances
tascoappliances.ca

BOBBY NANDWANI
4163009545

Invoice **BT00014790**
Version 1.1

Wed, Feb 12, 2020
6:07 PM EST



steelcod.com/sp/tasco/NUQNRJR

JennAir® NOIR™ 30" BUILT-IN MICROWAVE OVEN WITH SPEED-COOK

JMC2430IM

Available Finishes/Colours

JMC2430IM
FA

Let your appetite run wild with microwave and convection energy. With curated recipes and full-color doneness images, an intelligent culinary experience awaits your touch.

Top Features

4.3-Inch Full Color LCD Display

Seamless Touches

Stainless Steel Microwave Interior

Manuals & Literature:

-  [Use and Care](#)
-  [Installation Instructions](#)
-  [Warranty](#)



Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice. Dimensions are for planning purposes only. For complete details, see Installation Instructions packed with product. Specifications subject to change without notice.

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

- Phillips screwdriver
- Flat-blade screwdriver
- Measuring tape
- Level
- Drill (for wall cabinet installations)
- 1/8" (3 mm) drill bit (for wall cabinet installations)
- 1" (2.5 cm) drill bit (for wall cabinet installations)

Parts Needed

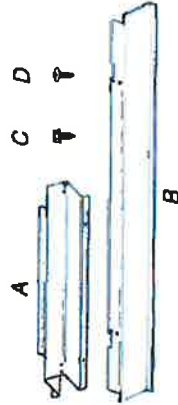
- UL listed or CSA approved conduit connector
- UL listed wire connectors

Parts Needed – Flush Installation

- W10801485 Stainless steel flush installation kit for 27" (68.6 cm) models
- W10801486 Stainless steel flush installation kit for 30" (76.2 cm) models
- W10801487 Black flush installation kit for 30" (76.2 cm) models

To order, see the "Assistance or Service" section of the Use and Care Guide.

Parts Supplied



- A. Spacer bars (2)
- B. Bottom vent (1)
- C. 3/8" (9.5 mm) hex-head washer screws (4)
- D. 3/4" (1.9 cm) pan-head screws (4)

Check local codes. Check existing electrical supply. See "Electrical Requirements."

It is recommended that all electrical connections be made by a licensed, qualified electrical installer.

Location Requirements

IMPORTANT: Observe all governing codes and ordinances.

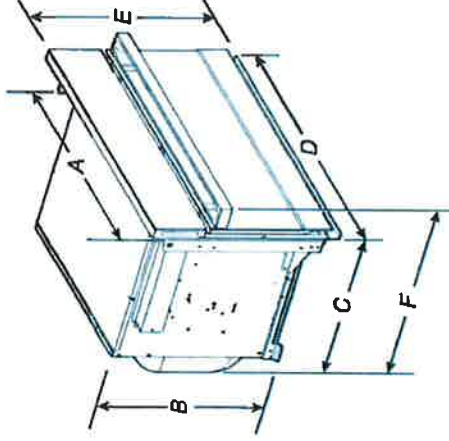
- Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance with microwave oven.
- Redressed installation area must provide complete enclosure around the recessed portion of the microwave oven.
- Grounded electrical supply is required. See "Electrical Requirements" section.
- Electrical supply junction box should be located 3" (7.6 cm) maximum below the support surface when the microwave oven is installed in a wall cabinet. A 1" (2.5 cm) minimum diameter hole should have been drilled in the left rear corner of the support surface to pass the appliance cable through to the junction box.

- For installation above single built-in oven, the junction box must be located inside upper cabinet.
- If you are installing the junction box on rear wall behind the microwave oven, the junction box must be recessed and located in the upper or lower right or left corner of the cabinet; otherwise, the microwave oven will not fit into the cabinet opening.
- Microwave oven support surface must be solid, level, and flush with bottom of cabinet cutout. Floor must be able to support a weight of 108 lbs (49.0 kg).

IMPORTANT: To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate, or sustain other damage. This oven has been designed in accordance with the requirements of UL and CSA International and complies with the maximum allowable wood cabinet temperatures of 194°F (90°C).

Product Dimensions

27" (68.6 cm) and 30" (76.2 cm) Microwave Ovens



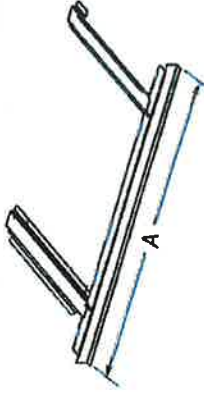
27" (68.6 cm) models

- A. 25 1/8" (64.5 cm)
- B. 17 1/8" (44.1 cm)
- C. 22 1/16" (57.7 cm)
- D. 26 3/4" (68.0 cm) overall width
- E. 19 1/8" (50.3 cm) overall height
- F. JMC2427IM: 25 1/8" (64.5 cm)
JMC2427IL: 24 3/4" (62.9 cm)

30" (76.2 cm) models

- A. 28 1/8" (72.1 cm)
- B. 17 1/8" (44.1 cm)
- C. 22 1/16" (57.7 cm)
- D. 29 1/4" (75.6 cm) overall width
- E. 19 1/8" (50.3 cm) overall height
- F. JMC2430IM: 25 1/8" (64.9 cm)
JMC2430IL: 24 1/4" (62.9 cm)

27" (68.6 cm) and 30" (76.2 cm) Microwave Oven Spacer Kit



27" (68.6 cm) models

- A. 25 1/8" (64.5 cm) overall width

30" (76.2 cm) models

- A. 28 1/8" (72.1 cm) overall width

NOTE: The microwave oven spacer kit will allow the microwave oven to be installed in a 17 3/8" to 17 9/16" (44.1 to 45.1 cm) maximum cutout height.

INSTALLATION INSTRUCTIONS
~~27" (68.6 CM) AND 30" (76.2 CM) ELECTRIC~~
BUILT-IN MICROWAVE OVEN FLUSH
INSTALLATION KIT

INSTRUCTIONS D'INSTALLATION
POUR ENSEMBLE D'INSTALLATION EN
AFFLEUREMENT DE FOUR À MICRO-ONDES
ÉLECTRIQUE ENCASTRÉ DE 27" (68,6 CM)
ET 30" (76,2 CM)

27" (68.6 cm) Flush Installation Kits
Ensembles d'installation en affleurement de 27" (68,6 cm)

Model#/ Modèle n°	Stainless Steel Acier inoxydable	Stainless Steel/ Acier inoxydable, RISE™/NOIR™
JMC2427DS	Kit PN/ Ensemble référence: W10801485 ★★	Kit PN/ Ensemble référence: W11358283 ★
JMC2427IM, JMC2427IL	★	★★

30" (76.2 cm) Flush Installation Kits
Ensembles d'installation en affleurement de 30" (76,2 cm)

Model#/ Modèle n°	Black Noir	Stainless Steel/ Acier inoxydable	Stainless Steel/ Acier inoxydable, RISE™/NOIR™
JMC2430DS	Kit PN/ Ensemble référence: W10801487 ★★	Kit PN/ Ensemble référence: W10801486 ★	Kit PN/ Ensemble référence: W11358282 ★
JMC2430DR, JMC2430DS	★	★★	★
JMC2430IM, JMC2430IL	★	★	★★

- ★ Approved for use.
- ★★ Recommended color and approved for use.
- ★ Approuvé pour l'utilisation.
- ★★ Couleur recommandée et approuvé pour l'utilisation.

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IMPORTANT:
Save for local electrical inspector's use.
IMPORTANT:
À conserver pour consultation par l'inspecteur local des installations électriques.
W11358316A

BUILT-IN MICROWAVE OVEN SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:

▲ DANGER

You can be killed or seriously injured if you don't immediately follow instructions.

▲ WARNING

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

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

- Phillips screwdriver
- Level
- 1/4" (6.3 mm) nut driver
- Drill
- Measuring tape
- 1/8" (3.1 mm) drill bit

Parts Needed

- (2) Spacer bars - included with built-in microwave oven
- (4) Hex-head washer screws - included with built-in microwave oven
- (4) Pan-head screws - included with built-in microwave oven

Parts Supplied

- Bottom vent

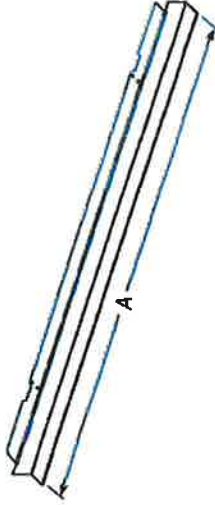


IMPORTANT: Observe all governing codes and ordinances.

- Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance with the microwave oven.
- Recessed installation area must provide complete enclosure around the recessed portion of the microwave oven.
- Microwave oven support surface must be solid, level and flush with the bottom of the cabinet cutout. Floor must be able to support a weight of 108 lbs (49 kg).

IMPORTANT: To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage. This oven has been designed in accordance with the requirements of UL and CSA International and complies with the maximum allowable wood cabinet temperatures of 194°F (90°C).

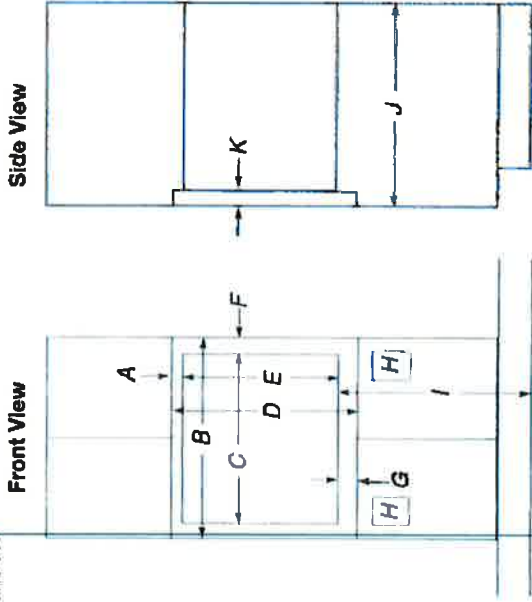
Bottom Vent Dimensions



27" (68.6 cm) Models
A: 26 1/2" (67.5 cm) overall width
30" (76.2 cm) Models
A: 29 1/2" (75.6 cm) overall width

Cabinet Dimensions - Flush Installation

A 23/4" (59 cm) minimum cutout depth is required. These dimensions will result in a 1/4" (6.3 mm) reveal on the top, a 1/4" (6.3 mm) reveal on the sides, and a 1/8" (3.1 mm) reveal on the bottom of the microwave oven. The front face of the cleats and platform will be visible and should be treated as a finished surface.



27" (68.6 cm) Models

- A. 1 1/16" (4.7 cm) top cleat*
- B. 2 1/4" (59.2 cm) minimum width of flush inset cutout
- C. 25 1/8" (65.7 cm) minimum width of opening
- D. 20 7/16" (51.3 cm) minimum height of flush inset cutout
- E. 17 5/8" (44.7 cm) recommended cutout height
- F. 11/16" (1.7 cm) side cleat*
- G. 3/4" (1.9 cm) bottom cleat*
- H. Recommended junction box location
- I. 40" (101.6 cm) bottom of cutout to floor (recommended)
- J. 23 1/4" (59.0 cm) minimum depth of cutout
- K. 1 1/8" (3.5 cm) recess from front of cabinet

30" (76.2 cm) Models

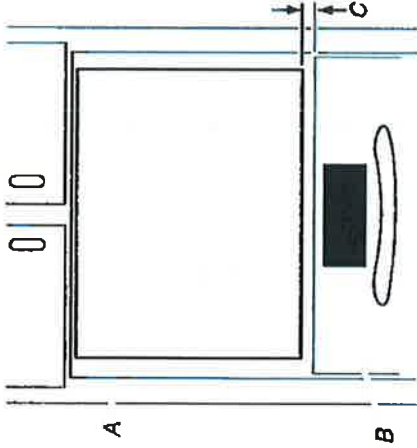
- A. 1 1/16" (4.7 cm) top cleat*
- B. 30 1/4" (76.8 cm) minimum width of flush inset cutout
- C. 28 7/8" (70.8 cm) minimum width of opening
- D. 20 7/16" (51.3 cm) minimum height of flush inset cutout
- E. 17 5/8" (44.7 cm) recommended cutout height
- F. 11/16" (1.7 cm) side cleat*
- G. 3/4" (1.9 cm) bottom cleat*
- H. Recommended junction box location
- I. 40" (101.6 cm) bottom of cutout to floor (recommended)
- J. 23 1/4" (59.0 cm) minimum depth of cutout
- K. 1 1/8" (3.5 cm) recess from front of cabinet

*Cleats must be recessed 1 1/8" (3.5 cm) from the front of the cabinet.

Minimum Installation Clearances

For proper installation, the following minimum clearances must exist below the cabinet opening.

Installation Above Single Built-In Oven

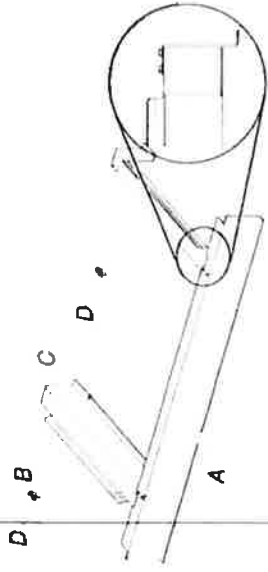


- A. Upper cabinet
- B. Lower single oven*
- C. 1" (2.5 cm) from top of oven

INSTALLATION INSTRUCTIONS

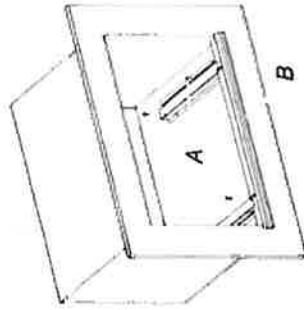
1. Attach bottom vent to spacer bars using four 3/8" (9.5 mm) hexhead washer screws.

NOTE: Spacer bar flanges should be facing out.



A. Bottom vent
B. Spacer bar flange
C. Spacer bars
D. 3/8" (9.5 mm) hex-head washer screws

1. Center assembled microwave oven spacer kit against lower, front edge of the cabinet cutout.
2. Using an 1/8" (3.1 mm) drill bit, drill through the mounting holes in the spacer bars to create pilot holes.
3. Attach the assembled spacer kit to the cabinet using four 3/4" (1.9 cm) pan-head screws provided. Do not overtighten screws.



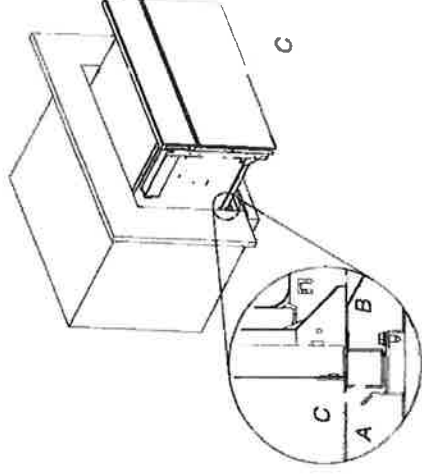
A. 3/4" (1.9 cm) pan-head screws
B. Spacer kit assembly

Follow the instructions below along with the instructions in the Electric Built-In Microwave Oven Installation Instructions. Read the "Electrical Requirements" and "Electrical Connection" sections, along with all other sections of the Installation Instructions, before installing the microwave oven.

⚠ WARNING

Excessive Weight Hazard
Use two or more people to move and install microwave oven.
Failure to do so can result in back or other injury.

1. Using 2 or more people, lift the microwave oven partially into the cabinet cutout above the spacer kit. Place microwave oven in between the spacer bar flanges.
NOTE: When pushing the microwave oven into the cabinet, open the microwave oven door and push against the seal area on the front frame. Do not push against the outside edges.
2. Push against the front frame of the microwave oven to push oven into cabinet. Push microwave oven completely into cabinet and center in cabinet cutout.



A. Spacer bar flange
B. Spacer bar
C. Microwave oven

1. Check that all parts are now installed. If there is an extra part, go back through the steps to see which step was skipped.
2. Check that you have all of your tools.
3. Dispose of/recycle all packaging materials.

If you need Assistance or Service:

Please reference the "Assistance or Service" section of the Use and Care Guide or contact the dealer from whom you purchased your built-in microwave oven spacer kit.

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

- Phillips screwdriver
- Flat-blade screwdriver
- Measuring tape
- Level
- Drill (for wall cabinet installations)
- 1/8" (3 mm) drill bit (for wall cabinet installations)
- 1" (2.5 cm) drill bit (for wall cabinet installations)

Parts Needed

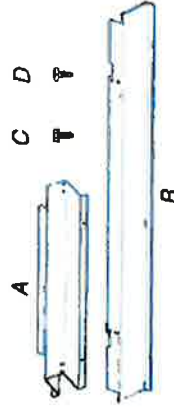
- UL listed or CSA approved conduit connector
- UL listed wire connectors

Parts Needed – Flush Installation

- W1Q801485 Stainless steel flush installation kit for 27" (68.6 cm) models
- W1Q801486 Stainless steel flush installation kit for 30" (76.2 cm) models
- W1Q801487 Black flush installation kit for 30" (76.2 cm) models

To order, see the "Assistance or Service" section of the Use and Care Guide.

Parts Supplied



- A. Spacer bars (2)
- B. Bottom vent (1)
- C. 3/8" (9.5 mm) hex-head washer screws (4)
- D. 3/4" (1.9 cm) pan-head screws (4)

Check local codes. Check existing electrical supply. See "Electrical Requirements."

It is recommended that all electrical connections be made by a licensed, qualified electrical installer.

Location Requirements

IMPORTANT: Observe all governing codes and ordinances.

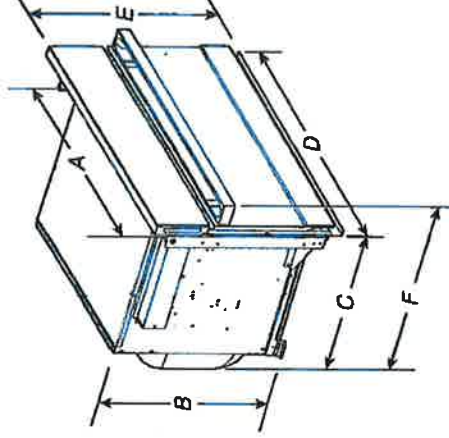
- Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance with microwave oven.
- Recessed installation area must provide complete enclosure around the recessed portion of the microwave oven.
- Grounded electrical supply is required. See "Electrical Requirements" section.
- Electrical supply junction box should be located 3" (7.6 cm) maximum below the support surface when the microwave oven is installed in a wall cabinet. A 1" (2.5 cm) minimum diameter hole should have been drilled in the left rear corner of the support surface to pass the appliance cable through to the junction box.

- For installation above single built-in oven, the junction box must be located inside upper cabinet.
- If you are installing the junction box on rear wall behind the microwave oven, the junction box must be recessed and located in the upper or lower right or left corner of the cabinet; otherwise, the microwave oven will not fit into the cabinet opening.
- Microwave oven support surface must be solid, level, and flush with bottom of cabinet cutout. Floor must be able to support a weight of 108 lbs (49.0 kg).

IMPORTANT: To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate, or sustain other damage. This oven has been designed in accordance with the requirements of UL and CSA International and complies with the maximum allowable wood cabinet temperatures of 194°F (90°C).

Product Dimensions

~~27" (68.6 cm) and 30" (76.2 cm) Microwave Ovens~~



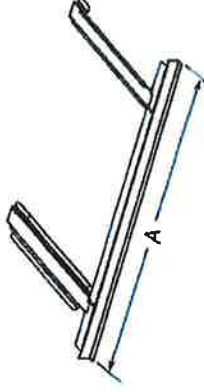
~~27" (68.6 cm) models~~

- A. 25 1/4" (64.5 cm)
- B. 17 1/8" (44.1 cm)
- C. 22 1/16" (57.7 cm)
- D. 26 3/4" (68.0 cm) overall width
- E. 19 1/8" (50.3 cm) overall height
- F. JMC2427IM: 25 1/8" (64.9 cm)
JMC2427IL: 24 3/4" (62.9 cm)

~~30" (76.2 cm) models~~

- A. 28 1/4" (72.1 cm)
- B. 17 1/8" (44.1 cm)
- C. 22 1/16" (57.7 cm)
- D. 29 1/4" (75.6 cm) overall width
- E. 19 1/8" (50.3 cm) overall height
- F. JMC2430IM: 25 1/8" (64.9 cm)
JMC2430IL: 24 3/4" (62.9 cm)

~~27" (68.6 cm) and 30" (76.2 cm) Microwave Oven Spacer Kit~~



~~27" (68.6 cm) models~~

- A. 26 1/4" (67.5 cm) overall width

~~30" (76.2 cm) models~~

- A. 29 1/4" (75.6 cm) overall width

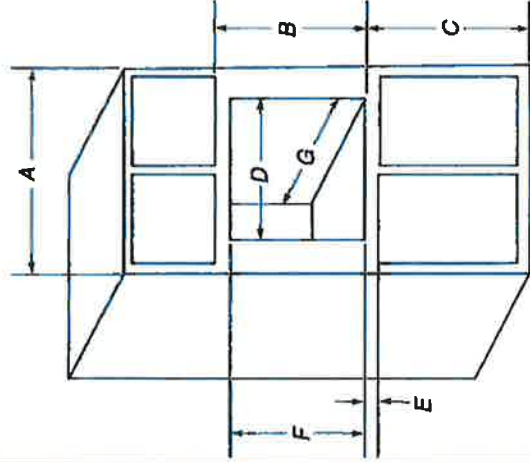
NOTE: The microwave oven spacer kit will allow the microwave oven to be installed in a 17 1/8" to 17 3/4" (44.1 to 45.1 cm) maximum cutout height.

A microwave oven spacer kit is available from your dealer that will allow the microwave oven to be installed in a 19" to 19 3/16" (48.3 to 50.2 cm) maximum cutout height. Match the oven size to the following kits:

- 27" (68.6 cm) Stainless Steel – Model W10469901
 - 30" (76.2 cm) Stainless Steel – Model W10469903
- To order, see the "Assistance or Service" section of the Use and Care Guide.

Cabinet Dimensions

27" (68.6 cm) and 30" (76.2 cm) Microwave Ovens



27" (68.6 cm) models

- A. 30" (76.2 cm) min. cabinet width
- B. 19 1/8" (50.3 cm) from bottom of cutout to bottom of upper cabinet door
- C. 40" (101.6 cm) bottom of cutout to floor (recommended)
- D. 25 1/2" (64.8 cm) cutout width
- E. 1 1/8" (3.8 cm) min. bottom of cutout to top of cabinet door
- F. 17 1/2" (44.7 cm) recommended cutout height (will fit cutout height from 17 1/8" (44.1 cm) to 17 1/2" (45.1 cm))
- G. 21 1/8" (55.5 cm) min. cutout depth

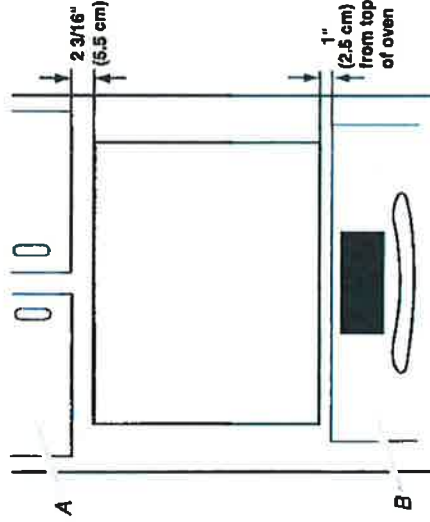
30" (76.2 cm) models

- A. 30" (76.2 cm) min. cabinet width
- B. 19 1/8" (50.3 cm) from bottom of cutout to bottom of upper cabinet door
- C. 40" (101.6 cm) bottom of cutout to floor (recommended)
- D. 28 1/2" (72.4 cm) cutout width
- E. 1 1/8" (3.8 cm) min. bottom of cutout to top of cabinet door
- F. 17 1/2" (44.7 cm) recommended cutout height (will fit cutout height from 17 1/8" (44.1 cm) to 17 1/2" (45.1 cm))
- G. 21 1/8" (55.5 cm) min. cutout depth

Minimum Installation Clearances

For proper installation, the following minimum clearances must exist above and below the cabinet opening.

Installation Above Single Built-In Oven



- A. Upper cabinet
- B. Lower single oven

GROUNDING INSTRUCTIONS

For a permanently connected microwave oven:

The microwave oven must be connected to a grounded, metallic, permanent wiring system, or an equipment grounding conductor should be run with the circuit conductors and connected to the equipment grounding terminal or lead on the microwave oven.

SAVE THESE INSTRUCTIONS

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path and wire gauge are in accordance with local codes.

Check with a qualified electrical installer if you are not sure the oven is properly grounded.

This oven must be connected to a grounded metal, permanent wiring system.

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/NFPA 70 – latest edition or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. O-M91 – latest edition, and all local codes and ordinances.

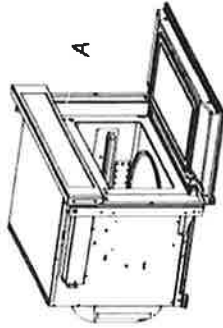
A copy of the above code standards can be obtained from:

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471
CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

Electrical Connection

To properly install your microwave oven, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

- Microwave oven must be connected to the proper electrical voltage and frequency as specified on the model/serial/rating plate. The model/serial/rating plate is located underneath the control panel along the oven vent.



A. Model/serial/rating plate

- The microwave oven rated 120/240 V, 20 A, has 4 wires (L1, L2, N, and G) in the flex conduit, and should be connected to a 20 A maximum-rated circuit, overcurrent protected on both the L1 and L2 circuits.
- A time-delay fuse or circuit breaker is recommended.
- Flexible cable from the microwave oven should be connected directly to the junction box.

- Do not cut the conduit. The length of conduit provided is for serviceability of the microwave oven.
- A UL listed or CSA approved conduit connector must be provided.
- 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.

For power requirements, refer to the following table:

Voltage	Microwave With Convection Oven	
120/240 VAC	15 A	
120/208 VAC	15 A	

INSTALLATION INSTRUCTIONS

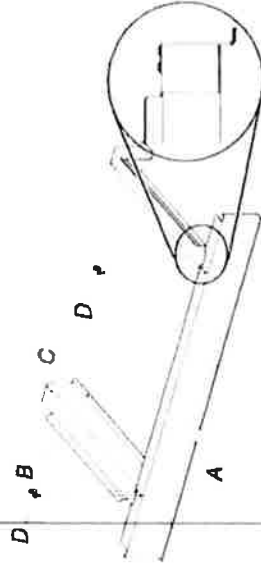
NOTES:

- The microwave oven spacer kit allows the microwave oven to be installed in an 17⁷/₁₆" to 17¹/₈" (44.1 cm to 45.3 cm) maximum cutout height.
- If your cabinet cutout height is more than 17⁷/₁₆" (44.1 cm), you must install the spacer kit. Proceed to "Assemble Spacer Kit."
- If your cabinet cutout height is less than 17⁷/₁₆" (44.1 cm), you do not have to install the spacer kit. Proceed to "Prepare Built-In Microwave Oven."

Assemble Spacer Kit

1. Attach the bottom vent to spacer bars using four 3/8" (9.5 mm) hex-head washer screws.

NOTE: Spacer bar flanges should be facing out.

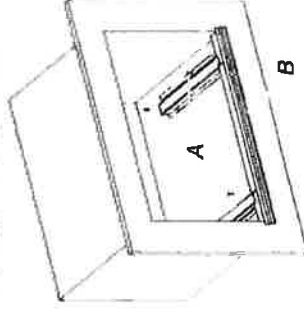


- A. Bottom vent
- B. Spacer bar flange
- C. Spacer bars
- D. 3/8" (9.5 mm) hex-head washer screws

Install Spacer Kit

1. Center assembled microwave oven spacer kit against lower front edge of the cabinet cutout.
2. Using an 1/8" (3.2 mm) drill bit, drill through the mounting holes in the spacer bars to create pilot holes.

3. Attach the assembled spacer kit to the cabinet using four 3/4" (1.9 cm) (flat-head screws. Do not overtighten screws.



- A. 3/4" (1.9 cm) flat-head screws
- B. Spacer kit assembly

1. Locate existing wiring to avoid drilling into or severing wiring during installation.

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install microwave oven.

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

2. To avoid floor damage, set the microwave oven onto cardboard prior to installation. Do not use handle or any portion of the front frame for lifting.
3. Remove the shipping materials and tape from the microwave oven.
4. Remove and set aside racks and other items from inside the microwave oven.
5. Remove the hardware package from inside the bag containing literature.
6. Move the microwave oven and cardboard close to the microwave oven's final location.

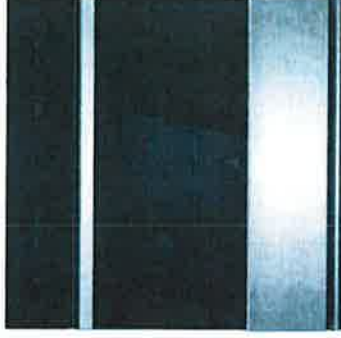


30" SINGLE WALL OVEN WITH V2™ VERTICAL DUAL-FAN CONVECTION SYSTEM

Signature Features

V2™ VERTICAL DUAL-FAN CONVECTION	MY CREATIONS	IRRESISTIBLE INTERIOR
Dual counter-rotating vertical fans work in tandem, helping you wield your cooking prowess with everything from mouthwatering filets to irresistible roasts.	My Creations allows you to seamlessly combine up to three cooking modes and save the settings for your favorite recipes.	Captivation cloaked in black. Beyond a dark glass expanse, cinematic lighting illuminates smooth racks, flat tines, and an enticing jet black interior.

JJW3430I



Feature Listing

DESIGN & CRAFTSMANSHIP

- Irresistible Interior
- 7-Inch Full Color LCD Display
- Cinematic Lighting
- Seamless Touches
- Glide Rack
- Smooth Close Door
- 5.0 Cu. Ft. Capacity

PERFORMANCE

- V2™ Vertical Dual-Fan Convection
- My Creations
- Closed Door Broiling
- Versatile Modes
- 3,400-Watt Convection Element
- 2,800-Watt Hidden Bake Element
- 4,000-Watt Broil Element
- 8-Pass Reflective Broil Element
- Connected Temperature Probe

ADDITIONAL FEATURES

- Keep Warm™ Option
- Auto Convection Conversion
- Auto Convection Modes
- Manual Convection Modes
- Rapid Preheat
- Probing Option
- Control Lock
- Sabbath Mode
- ADA Compliant
- Backsaves at the Ready
- Serviced by a Select Few

Specifications

- Shipping Weight (lbs) 184
- Volts 240
- Amps 20
- Capacity (Cu. Ft.) 5.0

Dimensions

- Overall Dimensions 30" x 29(7/8)" x 25(5/16)"
- Opening / Clearance Dimensions (Traditional Installation) 28(1/2)" x 28" x 24"
- Opening / Clearance Dimensions (Flush Installation) 30(1/4)" x 30(7/16)" x 25"
- Do not make any cutouts based on this information

Style Options

RISE™
JJW3430IL

NOIR™
JJW3430IM



LIMITED
WARRANTY

Bold = Top Features

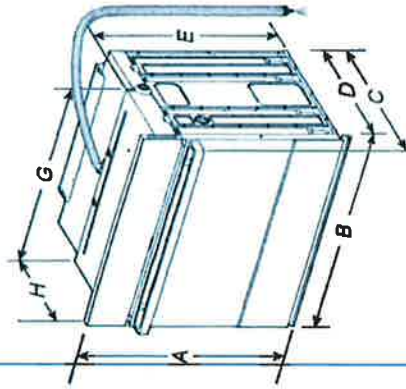
JENNAIR®

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SINGLE WALL OVENS

JW2427L – 27" x 29-7/8" x 25-5/16"

JW2430L – 30" x 29-7/8" x 25-5/16"



PRODUCT DIMENSIONS – SINGLE OVENS

~~27" (68.6 CM) MODELS~~

- ~~A. 29-7/8" (75.8 cm) max. overall height~~
- ~~B. 27" (68.6 cm) overall width~~
- ~~C. JW2427LM – 26-3/8" (67 cm)
JW2427L – 27-3/16" (69 cm)~~
- ~~D. 23-1/4" (59.1 cm) max. recessed depth~~
- ~~E. 27-3/16" (69 cm) recessed height~~
- ~~F. 48" (121.9 cm) flexible conduit length~~
- ~~G. 25-7/16" (64.6 cm) max. recessed width~~
- ~~H. 12" (30.5 cm) from back of control panel to start of strain relief~~

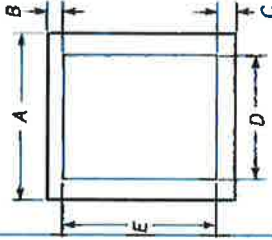
~~30" (76.2 CM) MODELS~~

- ~~A. 29-7/8" (75.8 cm) max. overall height~~
- ~~B. 30" (76.2 cm) overall width~~
- ~~C. JW2430LM – 26-3/8" (67 cm)
JW2430L – 27-3/16" (69 cm)
JW3430LM – 26-3/8" (67 cm)
JW3430L – 27-3/16" (69 cm)~~
- ~~D. 23-1/4" (59.1 cm) max. recessed depth~~
- ~~E. 27-3/16" (69 cm)~~
- ~~F. 48" (121.9 cm) flexible conduit length~~
- ~~G. 28-7/16" (72.2 cm) max. recessed width~~
- ~~H. 12" (30.5 cm) from back of control panel to start of strain relief~~

UNDERCOUNTER CABINET DIMENSIONS – SINGLE OVENS

~~27" (68.6 CM) MODELS~~

- ~~A. 27" (68.6 cm) min. cabinet width~~
- ~~B. 1-1/2" (3.8 cm) min. top of cutout to underside of countertop~~
- ~~C. 5-1/4" (13.3 cm) bottom of cutout to floor~~
- ~~D. 25-1/2" (64.8 cm) cutout width~~
- ~~E. 28" (71.2 cm) min. cutout height~~



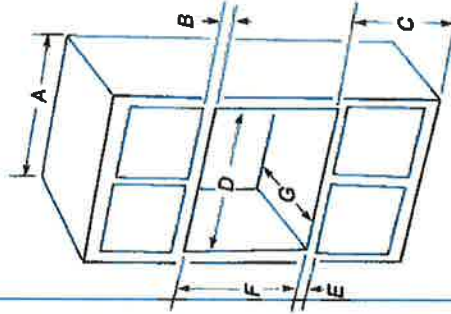
~~30" (76.2 CM) MODELS~~

- ~~A. 30" (76.2 cm) min. cabinet width~~
- ~~B. 1-1/2" (3.8 cm) min. top of cutout to underside of countertop~~
- ~~C. 5-1/4" (13.3 cm) bottom of cutout to floor~~
- ~~D. 28-1/2" (72.4 cm) cutout width~~
- ~~E. 28" (71.2 cm) min. cutout height~~

SINGLE OVENS INSTALLED IN CABINET

~~27" (68.6 CM) MODELS~~

- ~~A. 27" (68.6 cm) min. cabinet width~~
- ~~B. 2-3/16" (5.5 cm) top of cutout to bottom of upper cabinet door~~
- ~~C. 32" (81.3 cm) bottom of cutout to floor~~
- ~~D. 25-1/2" (64.8 cm) cutout width~~
- ~~E. 1-1/2" (3.8 cm) min. bottom of cutout to top of cabinet door~~
- ~~F. 28" (71.2 cm) recommended cutout height~~
- ~~G. 24" (60.7 cm) cutout depth~~
- ~~*NOTE: The cutout height can be between 27-1/4" (69.2 cm) and 29-7/16" (74.8 cm) for 27" single ovens.~~



~~30" (76.2 CM) MODELS~~

- ~~A. 30" (76.2 cm) min. cabinet width~~
- ~~B. 2-3/16" (5.5 cm) top of cutout to bottom of upper cabinet door~~
- ~~C. 32" (81.3 cm) bottom of cutout to floor~~
- ~~D. 28-1/2" (72.4 cm) cutout width~~
- ~~E. 1-1/2" (3.8 cm) min. bottom of cutout to top of cabinet door~~
- ~~F. 28" (71.2 cm) recommended cutout height~~
- ~~G. 24" (60.7 cm) cutout depth~~
- ~~*NOTE: The cutout height can be between 27-1/4" (69.2 cm) and 29-7/16" (74.8 cm) for 30" single ovens.~~

IMPORTANT: Dimensional specifications are provided for planning purposes only.

Do not make any cutouts based on this information. Refer to the Installation or Use & Care Guide before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation. All JennAir® appliances are appropriately UL, CUL or CSA approved.

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SINGLE WALL OVENS

JJW24271 – 27" x 29-7/8" x 25-5/16"
JJW24301, JJW34301 – 30" x 29-7/8" x 25-5/16"

ELECTRICAL REQUIREMENTS

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path and the wire gauge are in accordance with local codes.

Check with a qualified electrical installer if you are not sure the oven is properly grounded.

This oven must be connected to a grounded metal, permanent wiring system.

Be sure that the electrical connection and wire size are adequate and in conformance with 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.

A copy of the above code standards can be obtained from:

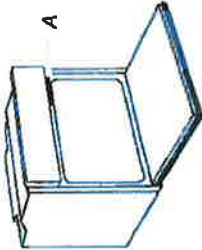
National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471
CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

- Models rated from 7.3 to 9.6 kW at 240 V (5.4 to 7.4 kW at 208 V) require a separate 40 A circuit. Models rated at 4.8 kW and below at 240 V (3.6 kW and below at 208 V) require a separate 20 A circuit.
- A circuit breaker is recommended.
- Connect directly to the circuit breaker box (or fused disconnect) through flexible, armored, or nonmetallic sheathed, copper cable (with grounding wire).
- Flexible conduit from the oven should be connected directly to the junction box.
- Use both sides of the line.
- Do not cut the conduit. The length of conduit provided is for serviceability of the oven.
- A UL listed or CSA approved conduit connector must be provided.
- 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.

ELECTRICAL CONNECTION

To properly install your oven, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

- Oven must be connected to the proper electrical voltage and frequency as specified on the model/serial/rating plate. The model/serial/rating plate is located under the control panel on single ovens. See the following illustration



A. Model/Serial/Rating Plate

240 VAC		208 VAC	
Model	kW	kW	kW
JJW24271	4.1		3.1
JJW24301	4.1		3.1
JJW34301	4.5		3.4

For power requirements for models JJW24271, JJW24301 and JJW34301, refer to the following table.

IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Installation or Use & Care Guide before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation. All JennAir® appliances are appropriately UL, CUL or CSA approved.

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48" FULLY INTEGRATED BUILT-IN SIDE-BY-SIDE REFRIGERATOR

Signature Features

OBSIDIAN INTERIOR	FULLY INTEGRATED AND FLUSH DESIGN WITH ARTICULATING HINGE	PRECISION TEMPERATURE MANAGEMENT™ SYSTEM
Showcases food items throughout the refrigerator, and provides a sharper contrast than white interiors. Includes coordinating crisper drawers and freezer.	Blends into custom cabinetry with a truly seamless appearance that ensures the opened door remains within the plane of surrounding cabinetry.	A sensor-controlled system that uses a variable-speed compressor with an independent sensor in each compartment to monitor and adjust temperatures.

JS48NXXFXDE



Feature Listing

PERFORMANCE FEATURES
Precision Temperature Management™ System
Capacitive Touch Controls with LED Display
Pulsed Defrost
Quiet Operation
Sabbath Mode
Star-K Certified

CONTROL FEATURES
Max Cold Option
Over Temp Alarm
Door Open Alarm
Water Filter with Replace Filter Indicator

REFRIGERATOR FEATURES
Produce Preserver
Advanced Climate Control Drawer
Soft Auto-Close Crisper Drawers
Gallon Door Storage Bin
Adjustable Elegance Shelving
Adjustable Door Bins with Metal Accents

FREEZER FEATURES
Automatic Ice Maker with Storage Bin
Adjustable Door Bins with Metal Accents

DESIGN FEATURES
Obsidian Interior
Fully Integrated and Flush Design with Articulating Hinge
Multi-Point LED Theater Lighting
Removable Base-Grills Water Filter
90°/110° Door Stop Position

Four-Point Front Leveling

OPTIONAL ACCESSORIES
48" Built-In Side By Side Panel RISE - JS42NXXFXDE - JBSFS48NHL
Full Height Panel Kit (Euro-Style Stainless) - JBSFS48NHS
Full Height Panel Kit (Pro-Style® Stainless) - JBSFS48NHP
Pro-Style® Stainless Handle Kit - W10250643
Euro-Style Stainless Steel Handle Kit - W10250640

48" Amoire-Style Door Panel Kit - W10663565
EveryDrop® Filter by Whirlpool Water (Replacement Filter Cartridge) - EDR3RXD1
Produce Preserver Keep Fresh Packet Refill - P1KC6R1
Afresh™ Stainless Steel Cleaner, 16 oz. - W10355016
48" Built-In Side By Side Panel NOIR - JS42NXXFXDE - JBSFS48NHM

Specifications

Shipping Weight (lbs) 549
Volts 115
Amps 15-20
Total Capacity (Cu. Ft. AHAM) 29.2
Refrigerator Capacity (Cu. Ft. AHAM) 18.7
Freezer Capacity (Cu. Ft. AHAM) 10.5

Dimensions

Overall Dimensions 47(3/4)" x 83(1/8)" x 24"
Opening / Clearance Dimensions (Standard Flush Installation) 48" x 84" x 25"

Style Options

EURO-STYLE
~~JS48NXXFXDE with JBSFS48NHS Kit~~

BASE UNIT
~~JS48NXXFXDE~~

PRO-STYLE®
~~JS48NXXFXDE with JBSFS48NHP Kit~~

NOIR™
JS48NXXFXDE with JBSFS48NHM Kit

RISE™
JS48NXXFXDE with JBSFS48NHL Kit

Opening / Clearance Dimensions: **Retrofit**
Installation: 48" x 84" x 24"

Do not measure any cutouts based on this information.



Bold = Top Features

JENN-AIR®

48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING **FULL HEIGHT** PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXFXDE – 47³/₄" x 83¹/₄" x 24" (without door/handles)

BASE UNIT + **FULL HEIGHT** PANEL KIT = FINISHED REFRIGERATOR

Easily transform these overlay refrigerators into one of our signature kitchen suite designs with one of our suite-coordinating stainless steel panel kits. To do so, you must order one of the overlay base units (left column) and one of the suite-coordinating panel kits. The kits include refrigerator and freezer door panels, air grille and pre-installed handles.

Coordinating Stainless Full Height Panel Kits		
Base Unit Model Number	Pro-Style® Stainless	Euro-Style Stainless
Side-by-Side JS48NXFXDE	JB5FS48NHP	JB5FS48NHS

OPTIONAL ACCESSORIES FOR CUSTOM OVERLAY DESIGNS



ARMOIRE-STYLE
DOOR PANEL KIT

W10663565 – 48" – Obsidian Interior

- For use with fully integrated and flush refrigerators
- Enables installation and proper venting of full height custom door panels (not included) that hide the top panel
- Includes grille trim and air divider

PRO-STYLE® STAINLESS
HANDLE KIT

W10250643 – Side-by-Side

- For use with Custom Overlay fully integrated built-in refrigerators

EURO-STYLE STAINLESS
HANDLE KIT

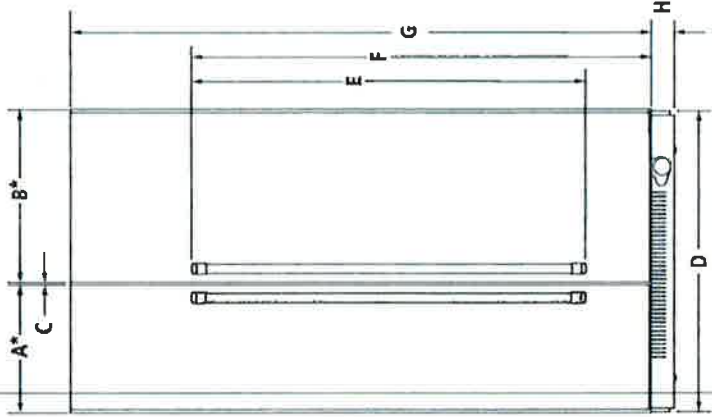
W10250640 – Side-by-Side

- For use with Custom Overlay fully integrated built-in refrigerators

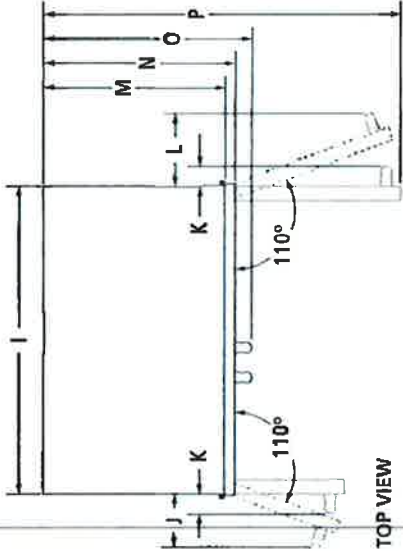
IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Installation or Use & Care Guide before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation. All Jenn-Air® appliances are appropriately UL, CUL or CSA approved.

48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING FULL HEIGHT PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXXFXDE – 47³/₈" x 83¹/₈" x 24" (without door/handles)

PRODUCT DIMENSIONS (including stainless steel door panel kit dimensions)



FRONT VIEW



TOP VIEW

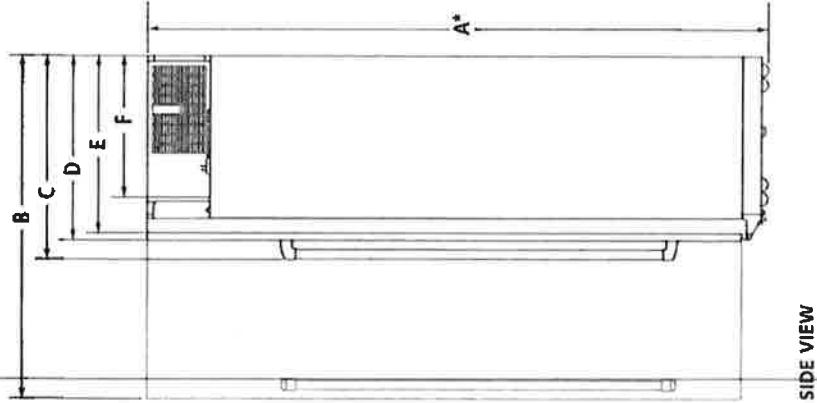
MODEL #	JS48NXXFXDE
A* Width of freezer door	20 ³ / ₈ in 51.6 cm
B* Width of refrigerator door	27 ¹ / ₈ in 69.4 cm
C Space between doors	1/8 in 0.3 cm
D Overall width (including vinyl side trim)	47 ³ / ₈ in 121.3 cm
E Height of door handles	63 160
F Pro-Style® Stainless	50 127.1
G Height to top of door handles	67 170.3
H Pro-Style® Stainless	66 ⁵ / ₈ 169.1
I Euro-Style Stainless	81 205.7
J Height of doors	3 7.6
K Height of bottom grille	47 119.4
L Width of recessed refrigerator	
M Width from side of refrigerator to freezer door handle – door fully open 110°	
N Pro-Style® Stainless	8 ³ / ₈ 21.3
O Euro-Style Stainless	8 20.3
P Width from side of refrigerator to handle – doors open 90°	
Q Pro-Style® Stainless	2 5.1
R Euro-Style Stainless	1 ¹ / ₂ 3.9
S Width from side of refrigerator to refrigerator door handle – door fully open 110°	
T Pro-Style® Stainless	9 ⁵ / ₈ 24.4
U Euro-Style Stainless	9 ¹ / ₄ 23.1
V Depth without door panel kit	24 61.0
W Depth with doors	
X Pro-Style® Stainless panel kit	24 ¹ / ₄ 62.9
Y Euro-Style Stainless panel kit	24 ¹ / ₄ 62.9
Z Custom panel (1/4" / 1.9 cm)	24 ³ / ₈ 62.9
AA Depth with handles	
AB Pro-Style® Stainless	27 ¹ / ₈ 69.5
AC Euro-Style Stainless	26 ⁵ / ₈ 68.3
AD Depth with refrigerator door open 90°	50 ¹ / ₄ 127.6

* Door width dimensions are for stainless steel panel kit only.

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48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING FULL HEIGHT PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXFXDE – 47¾" x 83⅞" x 24" (without door/handles)

DIMENSIONS AS INSTALLED



MODEL #		JS48NXFXDE	
		in	cm
A*	Height of recessed refrigerator (min.)	83⅞	211.1
B	Depth with refrigerator door open 90° (min.)	50¾	128.8
C	Depth with handles (min.)		
	Pro-Style® Stainless	27¾	69.5
	Euro-Style Stainless	26⅞	68.3
D	Depth with doors (min.)		
	Pro-Style® Stainless panel kit	24¾	62.9
	Euro-Style Stainless panel kit	24¾	62.9
	Custom panel (¾"/1.9 cm)	24¾	62.9
E	Depth without door panel kit (min.)	24	61.0
F	Depth of compressor (min.)	19⅞	50.5

*Add 1⅞" (3.2 cm) to the height dimension when leveling legs are fully extended.

SIDE VIEW

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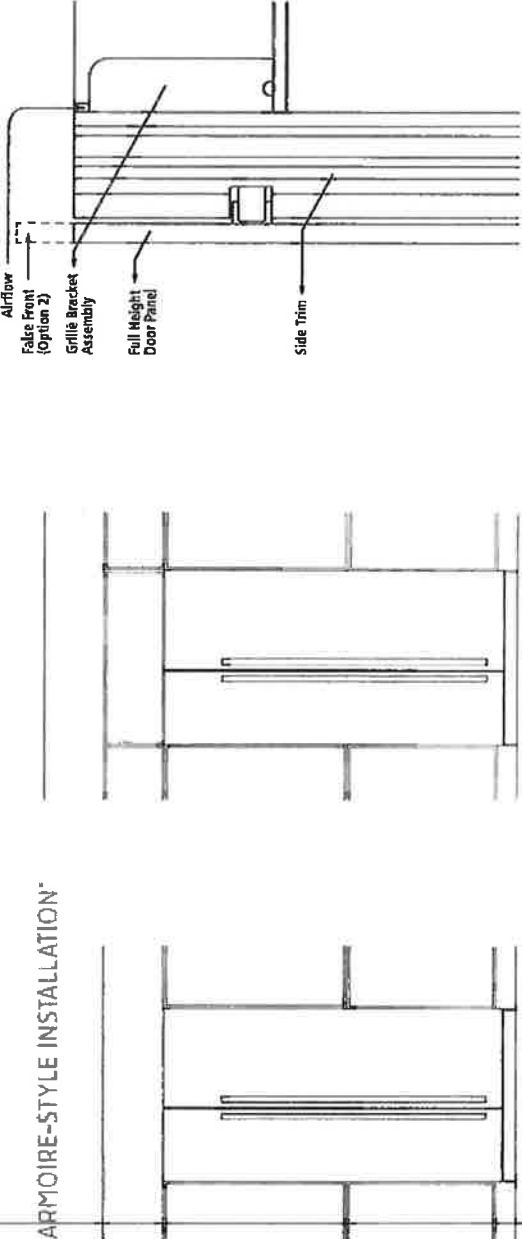
JENN-AIR® DETAILED PLANNING DIMENSIONS

48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING FULL HEIGHT PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXXFDE – 47³/₈" x 83¹/₈" x 24" (without door/handles)

DOOR PANEL INSTALLATION

ARMOIRE-STYLE INSTALLATION*

DOOR PANEL INSTALLATION



FRONT VIEW – OPEN TO CEILING
(OPTION 1)

FRONT VIEW – FALSE FRONT
(OPTION 2)

SIDE VIEW – CUSTOM PANEL

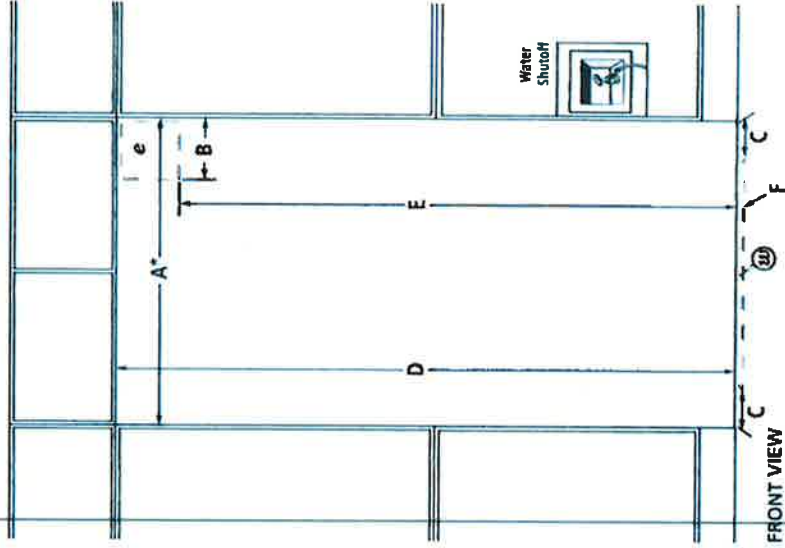
- Attach the grille bracket assembly and grille panel provided in the armoire-style panel kit
- * Refer to the Armoire kit installation instructions for additional dimensions and installation details.

IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Installation or Use & Care Guide before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation. All Jenn-Air® appliances are appropriately UL, CUL or CSA approved.

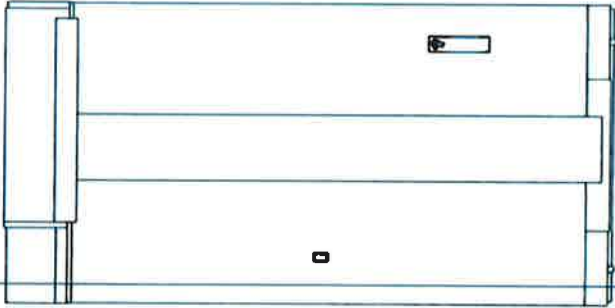
JENN-AIR® DETAILED PLANNING DIMENSIONS

48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING FULL HEIGHT PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXXFXDE – 47^{3/4}" x 83^{1/8}" x 24" (without door/handles)

OPENING/CLEARANCE DIMENSIONS



FRONT VIEW



BACK VIEW

IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Installation or Use & Care Guide before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation. All Jenn-Air® appliances are appropriately UL, CUL or CSA approved.



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MODEL #	JS48NXXFXDE	
	in	cm
A* Width (min.)	48	121.9
B Width of recommended electrical location	13 1/2	34.3
C Distance from side of cabinet to recommended water connection location	6	15.2
D Height (min.)	84	213.4
E Height to recommended electrical location	77	195.6
F Depth of recommended water connection location (max.)	1	2.5
e Recommended electrical connection location		
w Recommended water connection location		

*A minimum 2 (5.1 cm) furniture return must extend behind the face of the cabinet on all sides.

ELECTRICAL REQUIREMENTS

115 volt, 60 Hz, AC only, 15- or 20-amp fused, grounded circuit is required. A dedicated circuit is recommended. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

WATER PRESSURE REQUIREMENTS

A cold water supply with water pressure between 30 and 120 psi (207 and 827 kPa) is required to operate the ice maker. Call a licensed, qualified plumber with any questions about the water pressure.

Reverse Osmosis Water Supply

IMPORTANT: The pressure of the water coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 30 and 120 psi (207 and 827 kPa).

If a reverse osmosis water filtration system is connected to the cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa).

LOCATION REQUIREMENTS

Floor must be able to support refrigerator (more than 600 lb [272 kg]), door panels and contents of the refrigerator and must be at the same level as flooring in the room.

JENN-AIR® DETAILED PLANNING DIMENSIONS

48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXXFDE ~ 47³/₈" x 83¹/₈" x 24" (without door/handles)

BASE UNIT + PANEL KIT = FINISHED REFRIGERATOR

Easily transform these overlay refrigerators into one of our signature kitchen suite designs with one of our suite-coordinating stainless steel panel kits. To do so, you must order one of the overlay base units (left column) and one of the suite-coordinating panel kits. The kits include refrigerator and freezer door panels, air grille and pre-installed handles.

Base Unit Model Number	Coordinating Stainless Panel Kits	
	Pro-Style® Stainless	Euro-Style Stainless
Side-by-Side JS48NXXFDE	JPK48SNXEPS	JPK48SNXEES

OPTIONAL ACCESSORIES FOR CUSTOM OVERLAY DESIGNS



ARMOIRE-STYLE
DOOR PANEL KIT

W1063565 ~ 48" ~ Obsidian Interior

- For use with fully integrated and flush refrigerators
- Enables installation and proper venting of full height custom door panels (not included) that hide the top panel
- Includes grille trim and air divider

PRO-STYLE STAINLESS
HANDLE KIT

W10250643 ~ Side-by-Side

- For use with Custom Overlay fully integrated built-in refrigerators

EURO-STYLE STAINLESS
HANDLE KIT

W10250640 ~ Side-by-Side

- For use with Custom Overlay fully integrated built-in refrigerators

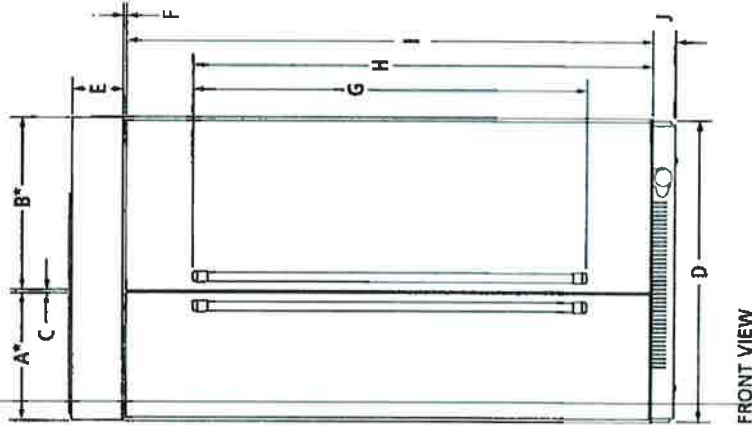
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JENN-AIR® DETAILED PLANNING DIMENSIONS

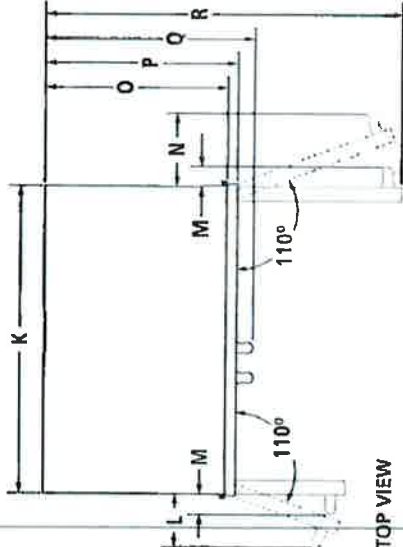
7 of 10

48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXFXDE – 47³/₈" x 83³/₈" x 24" (without door/handles)

PRODUCT DIMENSIONS (including stainless steel door panel kit dimensions)



FRONT VIEW



TOP VIEW

MODEL #	JS48NXFXDE	
	in	cm
A*	Width of freezer door	20 1/4 51.2
B*	Width of refrigerator door	27 7/8 68.9
C	Space between doors	1/8 0.3
D	Overall width (including vinyl side trim)	47 3/4 121.3
E	Height of top grille (including top grille filler)	6 1/2 16.5
F	Space between doors and top grille	1/8 0.3
G	Height of door handles	
	Pro-Style® Stainless	63 160
H	Euro-Style Stainless	50 127.1
	Height to top of door handles	
I	Pro-Style® Stainless	67 170.3
	Euro-Style Stainless	66 5/8 169.1
J	Height of doors	74 1/4 188.6
K	Height of bottom grille	3 7.6
L	Width of recessed refrigerator	47 119.4
	Width from side of refrigerator to freezer door handle – door fully open 110°	
M	Pro-Style® Stainless	8 3/8 21.3
	Euro-Style Stainless	8 20.3
N	Width from side of refrigerator to handle – doors open 90°	
	Pro-Style® Stainless	2 5.1
O	Euro-Style Stainless	1 1/2 3.9
	Width from side of refrigerator to refrigerator door handle – door fully open 110°	
P	Pro-Style® Stainless	9 5/8 24.4
	Euro-Style Stainless	9 1/4 23.1
Q	Depth without door panel kit	24 61.0
	Depth with doors	
R	Pro-Style® Stainless panel kit	24 3/4 62.9
	Euro-Style Stainless panel kit	24 3/4 62.9
S	Custom panel (3/4" / 1.9 cm)	
	Depth with handles	
T	Pro-Style® Stainless	27 3/8 69.5
	Euro-Style Stainless	26 5/8 68.3
U	Depth with refrigerator door open 90°	50 1/4 127.6

* Door width dimensions are for stainless steel panel kit only.

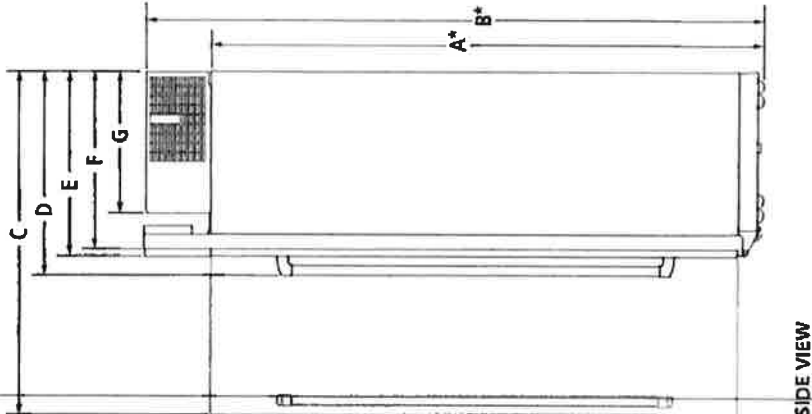
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JENN-AIR® DETAILED PLANNING DIMENSIONS

48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXFXDE – 47³/₈" x 83¹/₈" x 24" (without door/handles)

DIMENSIONS AS INSTALLED



MODEL #	JS48NXFXDE	
	in	cm
A*	Height without compressor (min.)	74 ³ / ₈ 188.9
B*	Height of recessed refrigerator (min.)	83 ¹ / ₈ 211.1
C	Depth with refrigerator door open 90° (min.)	50 ³ / ₄ 128.8
D	Depth with handles (min.)	
	Pro-Style® Stainless	27 ³ / ₈ 69.5
	Euro-Style Stainless	26 ¹ / ₄ 68.3
	Depth with doors (min.)	
E	Pro-Style® Stainless panel kit	24 ³ / ₈ 62.9
	Euro-Style Stainless panel kit	24 ³ / ₄ 62.9
	Custom panel (3/4"/1.9 cm)	24 ³ / ₄ 62.9
F	Depth without door panel kit (min.)	24 61.0
G	Depth of compressor (min.)	19 ¹ / ₈ 50.5

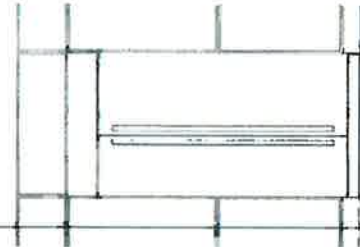
*Add 1 1/2" (3.2 cm) to the height dimension when leveling legs are fully extended.

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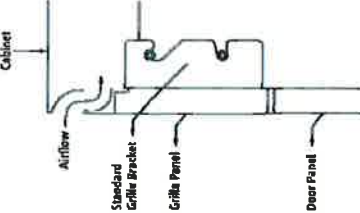
48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXPDE – 47 3/4" x 83 3/8" x 24" (without door/handles)

3 STYLES FOR DOOR PANEL INSTALLATION

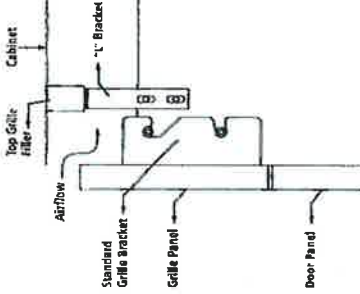
STANDARD INTEGRATED GRILLE INSTALLATION



FRONT VIEW



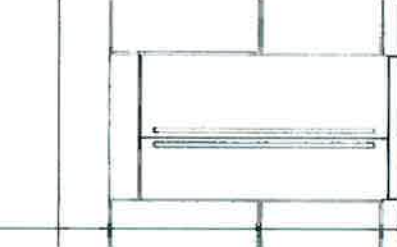
SIDE VIEW – STAINLESS STEEL
PANEL KIT



SIDE VIEW – CUSTOM PANEL

- Attach the standard custom grille with the standard grille bracket provided with the refrigerator
- The standard grille panel height allows for an air gap critical to refrigerator performance

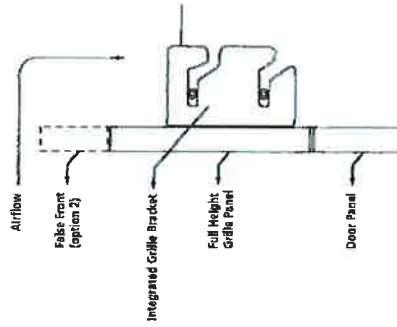
FULLY INTEGRATED GRILLE INSTALLATION



FRONT VIEW – OPEN TO CEILING
(OPTION 1)



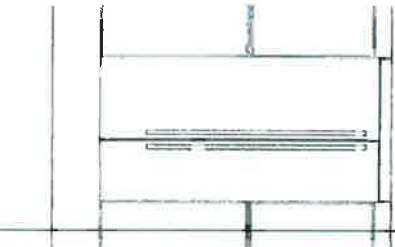
FRONT VIEW – FALSE FRONT
(OPTION 2)



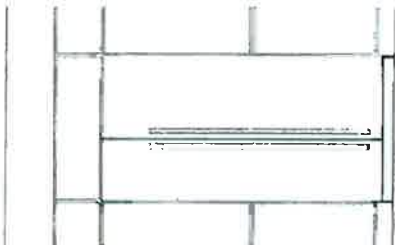
SIDE VIEW – CUSTOM PANEL

- Attach the full height grille with the integrated grille bracket provided with the refrigerator

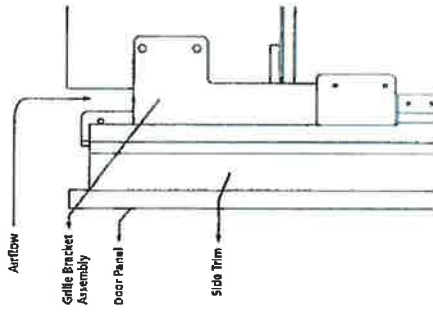
ARMOIRE-STYLE INSTALLATION*



FRONT VIEW – OPEN TO CEILING
(OPTION 1)



FRONT VIEW – FALSE FRONT
(OPTION 2)



SIDE VIEW – CUSTOM PANEL

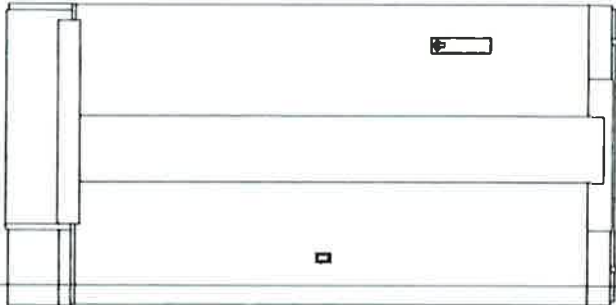
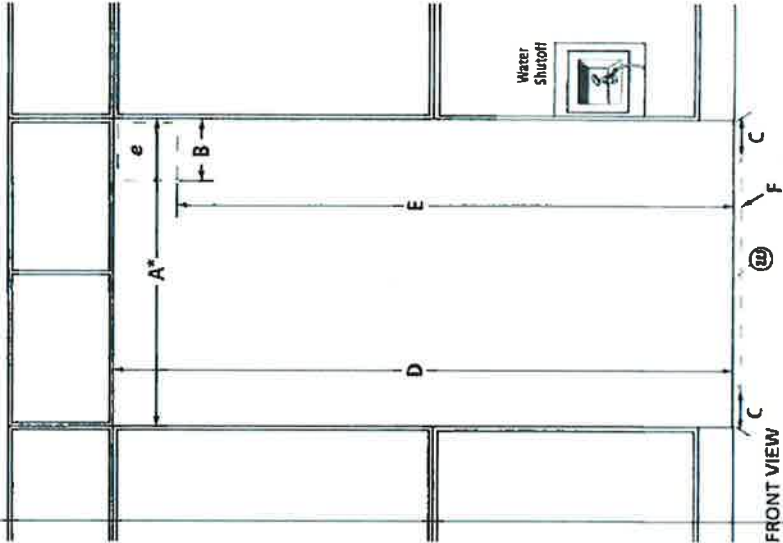
- Attach the grille bracket assembly and grille panel provided in the armoire-style panel kit
- Refer to the Armoire Kit installation instructions for additional dimensions and installation details.

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JENN-AIR® DETAILED PLANNING DIMENSIONS

48" FULLY INTEGRATED SIDE-BY-SIDE REFRIGERATOR
(BASE UNIT REQUIRES SUITE-COORDINATING PANEL KIT OR CUSTOM PANELS AND HANDLES)
JS48NXFXDE – 47¾" x 83½" x 24" (without door/handles)

OPENING/CLEARANCE DIMENSIONS



BACK VIEW

MODEL #	JS48NXFXDE	
	in	cm
A* Width (min.)	48	121.9
B Width of recommended electrical location	13 1/4	34.3
C Distance from side of cabinet to recommended water connection location	6	15.2
D Height (min.)	84	213.4
E Height to recommended electrical location	77	195.6
F Depth of recommended water connection location (max.)	1	2.5
e Recommended electrical connection location		
w Recommended water connection location		

*Minimum width must extend behind the face of the cabinet for at least 2" (5.1 cm).

ELECTRICAL REQUIREMENTS

115 volt, 60 Hz, AC only, 15- or 20-amp fused, grounded circuit is required. A dedicated circuit is recommended. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

WATER PRESSURE REQUIREMENTS

A cold water supply with water pressure between 30 and 120 psi (207 and 827 kPa) is required to operate the ice maker. Call a licensed, qualified plumber with any questions about the water pressure.

Reverse Osmosis Water Supply

IMPORTANT: The pressure of the water coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 30 and 120 psi (207 and 827 kPa).

If a reverse osmosis water filtration system is connected to the cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa).

LOCATION REQUIREMENTS

Floor must be able to support refrigerator (more than 600 lb [272 kg]), door panels and contents of the refrigerator and must be at the same level as flooring in the room.

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SITE PREPARATION
INSTALLATION REQUIREMENTS

PLAN THE INSTALLATION

IMPORTANT:
Plan your installation using these instructions in conjunction with the installation instructions provided with the refrigerator. Modifications must be made to the refrigerator to accommodate the full height door panels.

Required parts

- One of the following built-in refrigerator models:
42" Side-by-Side: JS42NXFXDE
48" Side-by-Side: JS48NXFXDE
36" Bottom Mount: JB36NXFXLE, JB36NXFXRE
36" French Door Bottom Mount: JF36NXFXDE
42" French Door Bottom Mount: JF42NXFXDE
- Steel Panels with handles and Accessory Full Height Door Panel Kit (which includes Grille Panel and Grille Bracket Assembly).

OPENING REQUIREMENTS

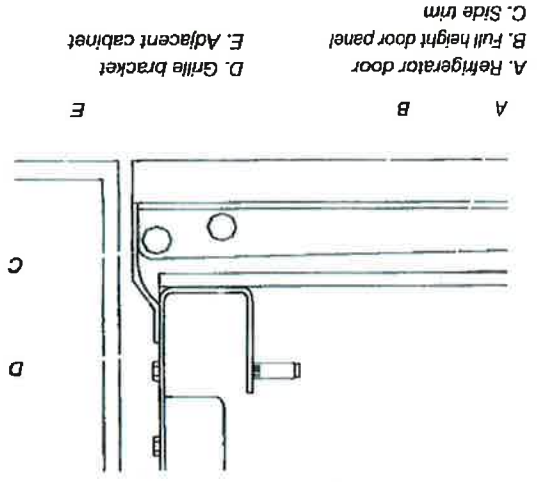
IMPORTANT:

- The width of the opening, from side to side, must be as specified for your model, for at least 3" (7.62 cm) back from the face of the cabinet. If your opening does not meet this requirement, you will need to make modifications.
- The depth of the opening from the front of the cabinet to the back wall must be 25" (63.5 cm) minimum to achieve a flush installation.

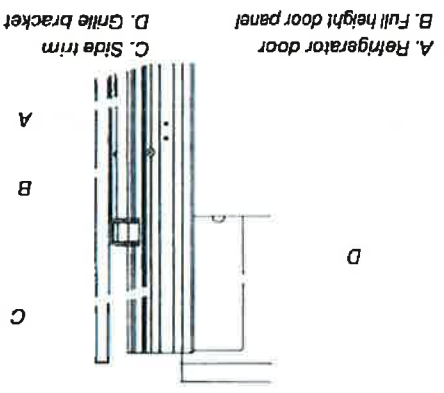
CABINET AND PANEL INSTALLATION
OPTIONS

Cabinet Depth - 25" (63.5 cm)

Grille Bracket - Top View



Grille Bracket - Side View

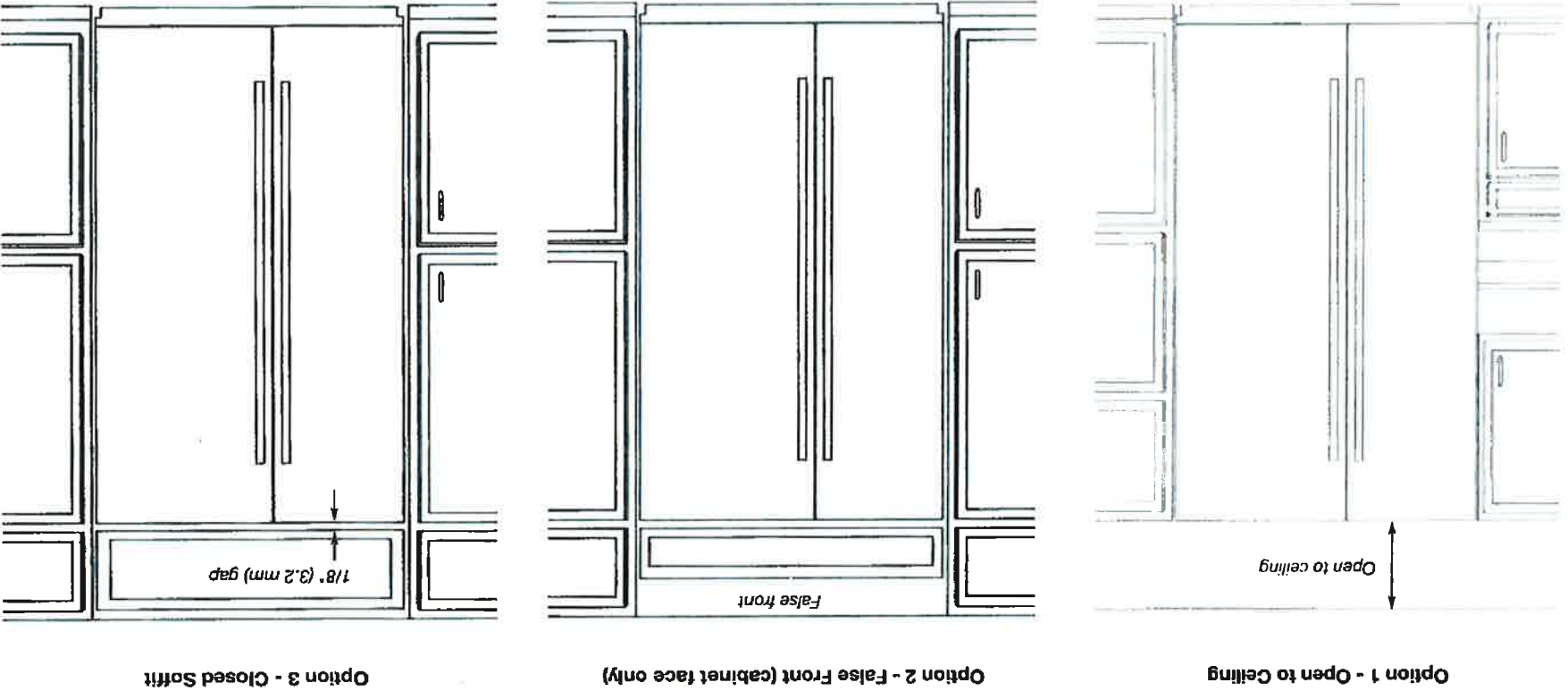


SITE PREPARATION CABINET CUTOUT OPTIONS

AIRFLOW VENTING RECOMMENDATIONS

IMPORTANT:

- Full height door style installations recommends a minimum of 1/8" (3.2 mm) of open space above the refrigerator. It is recommended that this space not be blocked in any way, including soffits.
- Models may be installed using either Option 1, Option 2 or option 3.

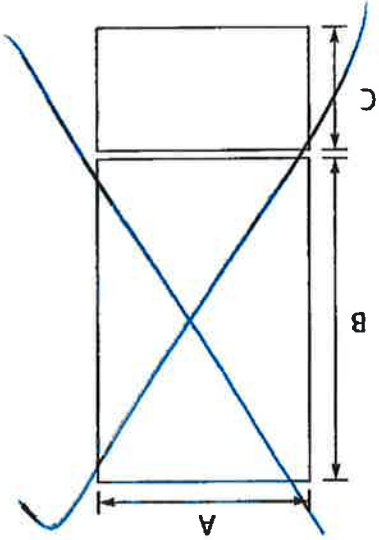


SITE PREPARATION

PANEL DIMENSIONS

BOTTOM MOUNT MODEL

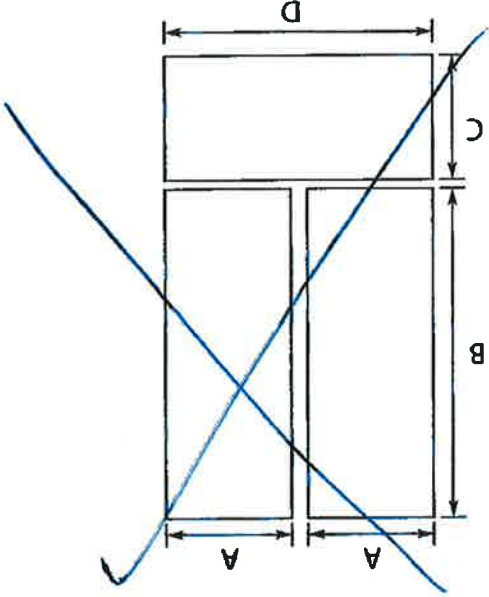
! Maximum possible panel weight: 46 lbs (20.9 kg)



Legend	Model	Dimension
A	36"	35 1/4" (90.61 cm)
B	36"	59 1/8" (150.2 cm)
C	36"	20 1/2" (52.07 cm)

FRENCH DOOR BOTTOM MOUNT MODELS

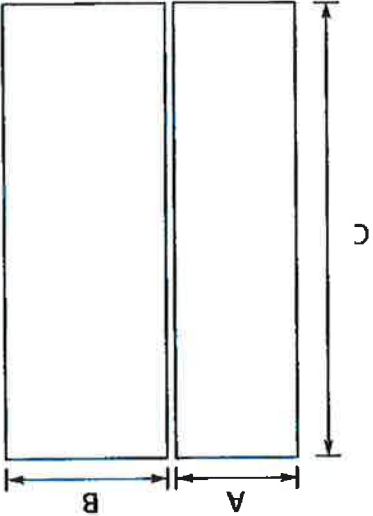
! Maximum possible panel weight: 34 lbs (15.6 kg)



Legend	Model	Dimension
A	36"	17 1/4" (45.09 cm)
B	36"	59 1/8" (150.2 cm)
C	36"	20 1/2" (52.07 cm)
D	42"	35 1/4" (90.61 cm)
A	42"	20 1/4" (52.71 cm)
B	42"	59 1/8" (150.2 cm)
C	42"	20 1/2" (52.07 cm)
D	42"	41 1/4" (105.85 cm)

SIDE BY SIDE MODELS

! Maximum possible panel weight: 48 lbs (21.7 kg)



Legend	Model	Dimension
A	42"	17 1/4" (45.14 cm)
B	42"	29 3/4" (60.38 cm)
C	48"	81" (205.7 cm)
A	48"	20 1/4" (51.49 cm)
B	48"	27 1/4" (69.27 cm)
C	48"	81" (205.7 cm)



24" TRIFECTA™ DISHWASHER, 38 DBA

Signature Features

38 DBA* TRANQUILITY	ULTRAGLIDE LOWER RACK	TRIFECTA™ WASH SYSTEM
Listen to the hush. At 38 dBA*, JennAir® is the quietest luxury dishwasher brand, all without sacrificing performance.	The strong and stable type. This adjustable lower rack glides smoothly on high-end rails.	No need to choose between brilliant cleaning, water/energy reduction or quiet operation because our dishwashers deliver all three. Three-stage filtration, pressurized wash arms and alternating wash action in two zones yield superlative results.

JDTSS245G



Feature Listing

DESIGN & CRAFTSMANSHIP

- UltraGlide Lower Rack
- Removable 3rd-Level Rack
- Daring Obsidian Racks
- Convenient Lighting
- SuperiorGlide Upper Rack
- Fold-Away™ Tines
- Flexible Capacity
- Elevation Rack Adjusters
- Controlled Controls
- Culinary Caddy
- Folding Tines (Lower Rack)
- Protector Racks with Cushioning Tines
- Silverware Basket
- Stainless Steel Tall Tub
- Shift Tines
- True Hold Door
- Cup Shelves with Stemware Holders
- Condensation Drying
- ENERGY STAR® Certified
- Emotive Feedback
- Fold-Away Shelf
- Waterlock™ Flood Protection
- Badasses at the Ready
- Serviced by a Select Few

PERFORMANCE

- 38 dBA* Tranquility
- Trifecta™ Wash System
- Tall Bottle Wash
- 3-Stage Filtration
- Stainless Steel Spray Arms
- ClearScan™ Sensor Cycle
- Precision Dry® Plus Option
- 1-Hour Wash Cycle
- Top Rack Wash Option
- Bottom Rack Wash Option
- Cookware/Bakeware Cycle
- Crystal Cycle
- Hi-Temp Wash Option
- Refresh Cycle
- Sanitize Rinse Option
- Normal Tableware Cycle
- Steam Finish Option

ADDITIONAL FEATURES

- Detergent Dispenser

Style Options

PANEL READY
JDTSS245GX

OPTIONAL ACCESSORIES

- Classic Tubular Stainless Steel Handle Kit - W10701399
- Industrial Grade Dishwasher Installation Kit - 8212488RC
- 3/4" X 3/8" Elbow Hose Fitting - W10685193
- Small Items Bag - 8519716
- Baby Bundle - DISHBABY
- Capacity Extension Bundle - DISHEXTEND
- AtFresh Dishwasher and Disposal Cleaner (6 Tablets) - W10282479

Specifications

- Shipping Weight (lbs) 95
- Volts 120
- Amps 15-20
- Sound Rating (dBAs) 38
- Capacity (Place Settings) 14

Dimensions

Overall Dimensions 23(7/8)" x 33(1/2)" x 24"

Do not make any cutouts based on this information



LIMITED
WARRANTY

Bold = Top Features

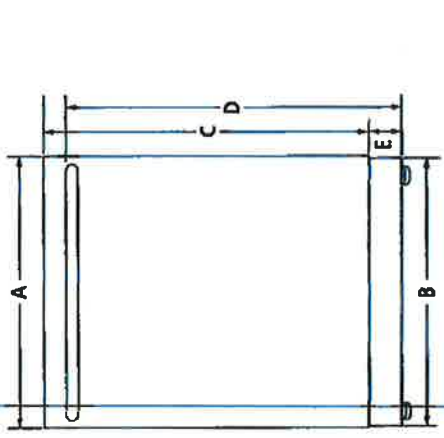
JENNAIR®

JENN-AIR® DETAILED PLANNING DIMENSIONS

DISHWASHERS

JDTS5246G, JDTS5244G – 23 1/4" x 33 1/4" x 28 19/32" (including handle)
JDTS5245G, JDTS5243G – 23 1/4" x 33 1/2" x 24" (not including handle)

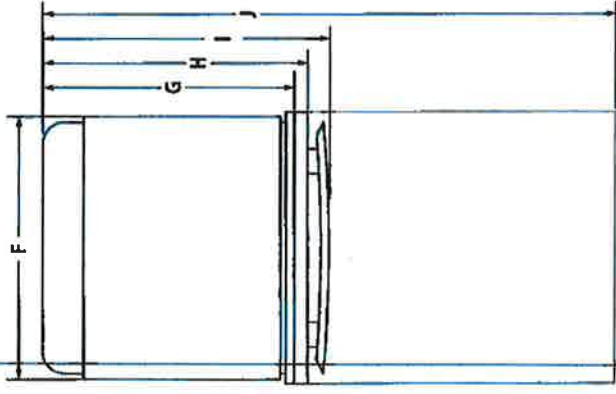
PRODUCT DIMENSIONS



FRONT VIEW



ADJUSTABLE TOE KICK



TOP VIEW

IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Installation or Use & Care Guide before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation. All Jenn-Air® appliances are appropriately UL, CUL or CSA approved.

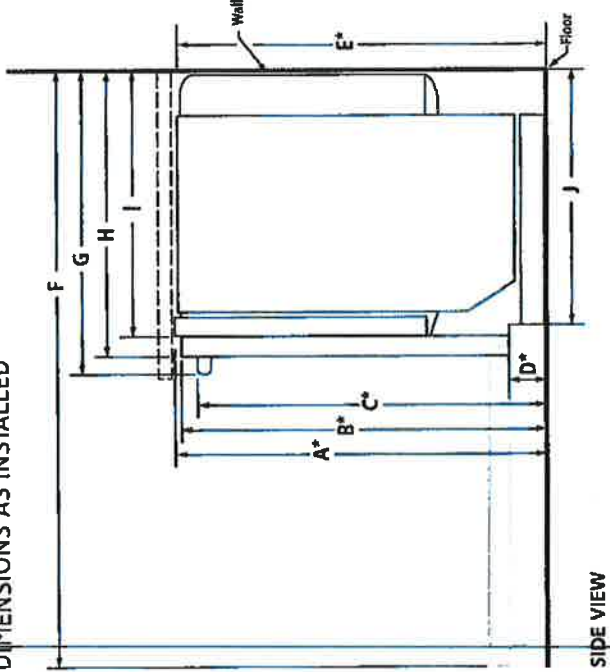
MODEL #		JDTS5246G JDTS5244G		JDTS5245G JDTS5243G	
		in	cm	in	cm
A	Width of door	23 3/8	60.6	23 3/8	60.6
B	Width of toe kick	23 1/2	59.7	23 1/2	59.7
C	Height of door	30	76.2	—	—
	Pro-Style® Stainless	30	76.2	—	—
	Euro-Style Stainless	—	—	30	76.2
D	Custom panel (3/4" 1.9 cm)	—	—	30	76.2
	Height to top of handle	3 1/16	80.1	—	—
	Pro-Style Stainless	3 1/16	80.1	—	—
E	Height of adjustable toe kick (min.-max.)	—	—	3 1/2	8.8-10.6
	Euro-Style Stainless	—	—	4 1/4	10.6
	Custom panel (3/4" 1.9 cm)	—	—	—	—
F	Width of recessed dishwasher	23 1/4	60.6	23 1/4	60.6
G	Depth with tub flange	21	53.3	21	53.3
H	Depth with door	24 1/2	62.2	—	—
	Pro-Style Stainless	24 1/2	62.2	—	—
	Euro-Style Stainless	—	—	24	60.0
I	Custom panel (3/4" 1.9 cm)	—	—	—	—
	Depth with handle	20 1/2	73.9	—	—
	Pro-Style Stainless	20 1/2	73.9	—	—
J	Custom panel (3/4" 1.9 cm)	—	—	—	—
	Depth with door fully open	49 1/2	125.7	49 1/2	125.7
	Custom panel (3/4" 1.9 cm)	—	—	—	—

*For custom panel models, this depends on handle chosen.

DISHWASHERS

~~JDTS5245G, JDTS5244G – 23 1/4" x 33 1/4" x 28 1/4" (including handle)~~
~~JDTS5245G, JBFS5245G – 23 1/4" x 33 1/2" x 24" (not including handle)~~

DIMENSIONS AS INSTALLED



SIDE VIEW

MODEL #	in cm	
JDTS5245G	33 1/4 85.1	
JDTS5244G	33 1/4 85.1	
JDTS5245G	31 1/4 80.7	
JDTS5245G	31 1/4 80.7	
	Custom panel (3/4"/1.9 cm)	1 1
D*	Height to bottom of door	3 3/4 9.4
E*	Height of recessed dishwasher (min.)	33 3/4 85.5
F	Depth with door fully open (min.)	49 1/2 125.7
	Depth with handle (min.)	28 1/4 72.9
G	Pro-Style® Stainless	28 1/4 72.9
	Euro-Style Stainless	28 1/4 72.6
	Custom panel (3/4"/1.9 cm)	1 1
	Depth with door (min.)	26 1/2 67.3
H	Pro-Style® Stainless	26 1/2 67.3
	Euro-Style Stainless	24 1/4 62.2
	Custom panel (3/4"/1.9 cm)	24 1/4 62.2
I	Depth with tub flange (min.)	22 1/4 57.4
J	Depth with toe kick (min.)	20 1/4 52.9

*With wheels removed. Add up to 1" (2.5 cm) to height with wheels and leg levelers fully extended.

*For custom panel models, this depends on handle chosen.

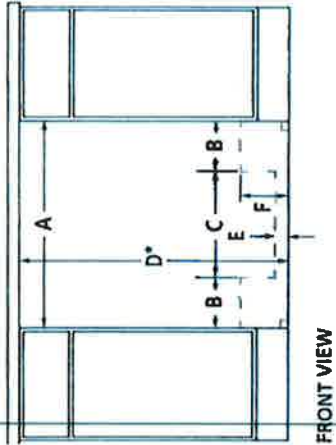
IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Installation or Use & Care Guide before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation. All Jenn-Air® appliances are appropriately UL, CUL or CSA approved.

JENN-AIR® DETAILED PLANNING DIMENSIONS

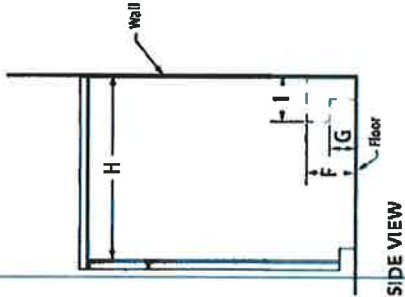
DISHWASHERS

~~JDSS246G, JDTS245G~~ ~~JDSS244G – 23 7/8" x 33 1/4" x 28 1/4" (including handle)~~
JDTS245G, ~~JDSS245G~~ – 23 7/8" x 33 1/2" x 24 1/2" (not including handle)

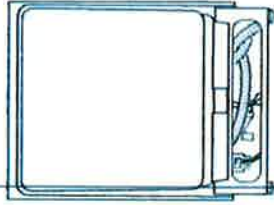
OPENING/CLEARANCE DIMENSIONS



FRONT VIEW



SIDE VIEW



BACK VIEW

MODEL #	JDSS246G JDTS245G JDSS244G JDSS243G	
	in	cm
A Width (min.)	24	61.0
B Width of possible utility installation area (back wall)	6 3/4	17.2
C Width of clear area (back wall)	10 1/4	26.7
D* Height with wheels removed (min.)	34	86.4
E Height of possible utility installation area (back wall)	2 1/4	6.4
F Height of possible utility installation area (back/side wall)	6 3/4	15.9
G Height of clear area (side wall)	3	7.6
H Depth (min.)	24	61.0
I Depth of utility location (side wall)	4	10.2
Electrical, water and drain connections may be installed in shaded areas		
Recommended drain connection location – closest to sink		
Recommended electrical connection location ~ right-hand side or back wall		
Recommended water connection location – left-hand side or back wall		
*Measured from the lowest point on the underside of countertop.		

ELECTRICAL REQUIREMENTS

20-volt, 60 Hz, AC-only, 15- or 20-amp, fused electrical supply. Copper wire only.
A time delay fuse or circuit breaker and separate circuit is recommended.

WATER SUPPLY REQUIREMENTS

120°F (49°C) hot water supply with water pressure between 20 and 120 psi (138 and 862 kPa) is required. If you have questions about your water pressure, call a licensed, qualified plumber.

DRAIN REQUIREMENTS

Connect drain hose to waste tee or disposer inlet above drain trap.
Maximum drain hose length 12' (3.7 m).

LOCATION REQUIREMENTS

Corner locations require a 2" (5.1 cm) minimum clearance between the side of the dishwasher door and the wall or cabinet.

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36" GAS PROFESSIONAL RANGETOP

Signature Features

15 RANGETOP CONFIGURATIONS

With 15 unique configurations, it's up to you. Infused with chrome, our gridle cleans up well after heavy usage. Fire up the grill for indoor entertainment on your terms.

HALO-EFFECT KNOBS

A halo of luminary LEDs glows softly when the burner is lit or the oven is on.

DUAL-STACKED POWERBURNERS

Two stacked, symmetrical flames bloom and retreat at your inclination, offering total control over heat levels. High-heat searing and wok cooking. Low, slow simmer and melt. Infinite intermediate settings satisfy every appetite.

JGCP436H



Feature Listing

PERFORMANCE FEATURES

Dual-Stacked PowerBurners

20,000 BTU Dual-Stacked PowerBurner

19,000 BTU Dual-Stacked PowerBurner

9,000 BTU Dual-Stacked PowerBurner

Electronic Ignition with Flame-Sensing™ Re-ignition

CONTROL FEATURES

Halo-Effect Knobs

DESIGN FEATURES

15 Rangetop Configurations

Cast Iron Grates

OPTIONAL ACCESSORIES

Gas Connector Kit (Required) – 30-48KITRC

High Altitude Kit (Natural Gas) – W10160941

High Altitude Kit (LP Gas) – W10237848

9" Stainless Steel Backsplash – W10115776

Stainless Steel Backsplash with Two Shelves (36") – W10285448

Wok Ring – W10216179

Refresh™ Kitchen & Appliance Cleaner, 16 oz. – W10355010

Style Options



LIMITED WARRANTY

Bold = Top Features



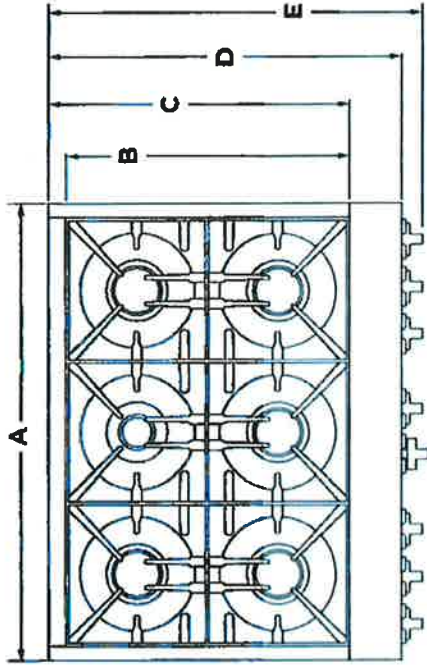
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JENNAIR® DIMENSIONS

RANGETOPS

PRODUCT

	30" RANGETOP JGCP430H	36" RANGETOP JGCP435H	48" RANGETOP JGCP548H
Overall Width (A)	29-3/4" (75.6 cm)	35-3/4" (90.8 cm)	47-5/8" (121.6 cm)
Grate Depth (B)	22" (55.9 cm)	22" (55.9 cm)	22" (55.9 cm)
Depth without Control Panel (C)	23-1/4" (59.1 cm)	23-1/4" (59.1 cm)	23-1/4" (59.1 cm)
Depth with Control Panel Overhang (D)	27-1/2" (69.9 cm)	27-1/2" (69.9 cm)	27-1/2" (69.9 cm)
Depth with Knobs: RISE (E)	29-1/8" (74 cm)	29-1/8" (74 cm)	29-1/8" (74 cm)
Depth with Knobs: NOIR (E)	29" (73.7 cm)	29" (73.7 cm)	29" (73.7 cm)



TOP VIEW

★

IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutout's based on this information. Refer to the Installation Guide before selecting cutout's, verifying electrical ratings, connections, making cutouts or beginning installation. All Jennair® appliances are appropriately UL, ETL or CSA approved.

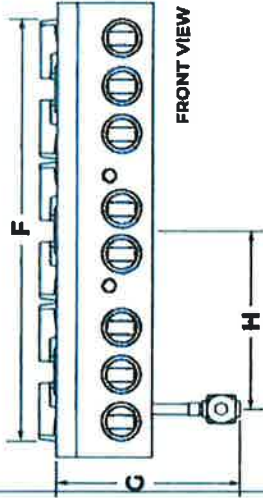
JENNAIR® DIMENSIONS

RANGETOPS

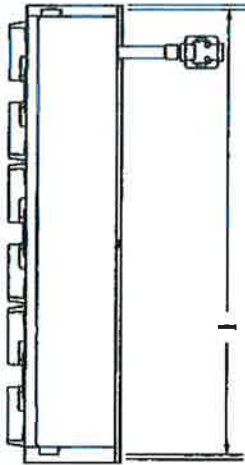
PRODUCT

	30" RANGETOP JCCP430H	36" RANGETOP JCCP436H	48" RANGETOP JCCP548H
Grate Width (F)*	27-7/16" (69.7 cm)	33" (83.8 cm)	44-3/8" (112.7 cm)
Gas Inlet to Surface (G)	10-3/4" (27.3 cm)	10-3/4" (27.3 cm)	10-3/4" (27.3 cm)
Center to Gas Inlet (H)	11" (27.9 cm)	14-1/8" (35.9 cm)	19-5/8" (49.8 cm)
Recessed Rangetop Width (I)	29-1/8" (74 cm)	35" (88.9 cm)	47-1/4" (120 cm)

*Includes width of grates and griddle



FRONT VIEW



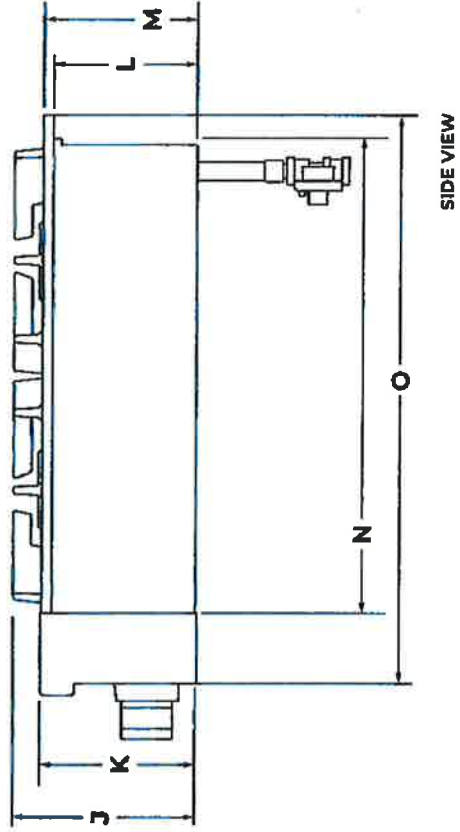
BACK VIEW

JENNAIR® DIMENSIONS

RANGETOPS

PRODUCT

	30" RANGETOP JGCP430H	36" RANGETOP JGCP436H	48" RANGETOP JGCP548H
Height with Grates (J)	9" (22.9 cm)	9" (22.9 cm)	9" (22.9 cm)
Control Panel Height (K)	7-13/16" (19.8 cm)	7-13/16" (19.8 cm)	7-13/16" (19.8 cm)
Recessed Rangetop Height (L)	7" (17.8 cm)	7" (17.8 cm)	7" (17.8 cm)
Cooking Surface Height (M)	7-7/16" (18.9 cm)	7-7/16" (18.9 cm)	7-7/16" (18.9 cm)
Recessed Rangetop Depth (N)	21-7/8" (55.6 cm)	21-7/8" (55.6 cm)	21-7/8" (55.6 cm)
Depth with Control Panel (O)	25-1/2" (64.8 cm)	25-1/2" (64.8 cm)	25-1/2" (64.8 cm)



SIDE VIEW



IMPORTANT: Supplied regulator diagram shown pre-assembled and is pictured for reference purposes only.

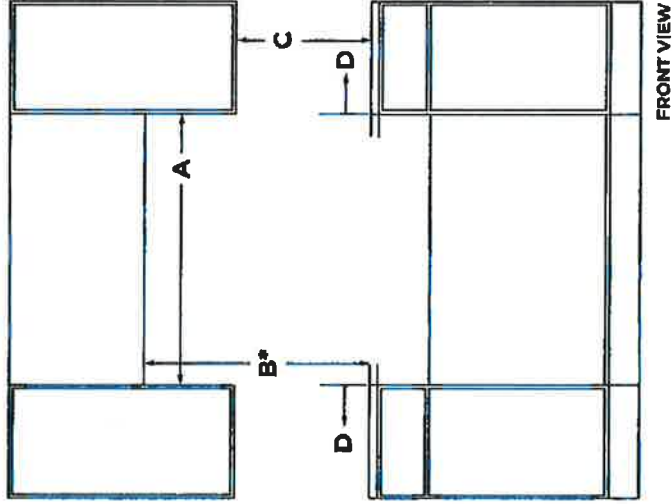
JENNAIR® DIMENSIONS

RANGETOPS

OPENING AND CLEARANCE

	30" RANGETOP JGCP430H	36" RANGETOP JGCP436H	48" RANGETOP JGCP548H
Combustible Area Above Cooking Surface Width (A)	30" (76.2 cm) min.	36" (91.4 cm) min.	48" (121.9 cm) min.
Bottom of Cabinet Height Above Cooking Surface (B)*	42" (106.7 cm) min.	58" (147.3 cm) min.	58" (147.3 cm) min.
Bottom of Cabinet Height Above Countertop (C)	18" (45.7 cm) min.	18" (45.7 cm) min.	18" (45.7 cm) min.
Distance to Fixed Wall or Combustible Material (D)	12" (30.5 cm) min.	12" (30.5 cm) min.	12" (30.5 cm) min.

*Dimension reduced by 6" (15.2 cm) when bottom of wood or metal cabinet is covered by at least 1/4" (0.6 cm) flame retardant millboard, which is in turn covered with at least No. 28 MSG sheet metal, 0.015" (0.4 mm) stainless steel, 0.024" (0.6 mm) aluminum or 0.020" (0.5 mm) copper. If installing a hood above the rangetop, follow the hood instructions for dimensional clearances above the cooking surface.



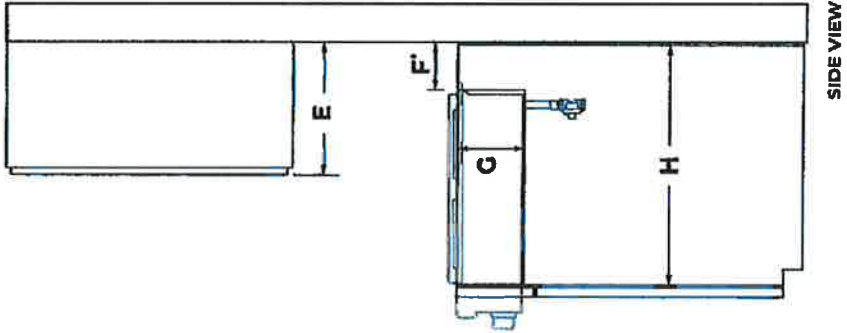
JENNAIR® DIMENSIONS

RANGETOPS

OPENING AND CLEARANCE

	30" RANGETOP JGCP430H	36" RANGETOP JGCP436H	48" RANGETOP JGCP548H
Recommended Upper Cabinet Depth (E)	13" (33 cm)	13" (33 cm)	13" (33 cm)
Cutout to Wall Depth (F)*	1-1/2" (3.8 cm) min.	1-1/2" (3.8 cm) min.	1-1/2" (3.8 cm) min.
Cabinet to Countertop Height (G)	7-1/4" (18.4 cm)	7-1/4" (18.4 cm)	7-1/4" (18.4 cm)
Cabinet Depth (H)	24" (61 cm)	24" (61 cm)	24" (61 cm)

*If the back wall is constructed of a combustible material and a backsplash is not installed, a 7-1/2" (19.1 cm) minimum clearance is required from the cutout or 6" (15.2 cm) minimum clearance from the back edge of the rangetop

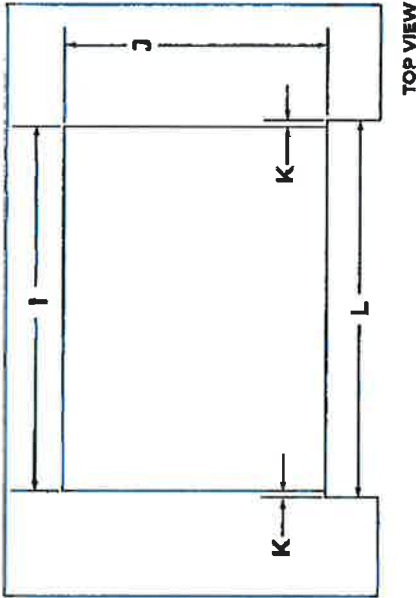


JENNAIR® DIMENSIONS

RANGETOPS

OPENING AND CLEARANCE

	30" RANGETOP JGCP430H	36" RANGETOP JGCP436H	48" RANGETOP JGCP548H
Countertop and Cabinet Cutout Width (I)	29-1/4" (74.3 cm)	35-1/4" (89.5 cm)	47-3/8" (120.3 cm)
Countertop and Cutout Depth (J)	22-1/4" (56.5 cm)	22-1/4" (56.5 cm)	22-1/4" (56.5 cm)
Notch Width (K)	5/16" (0.8 cm)	5/16" (0.8 cm)	5/16" (0.8 cm)
Cutout Width (L)	29-7/8" (75.9 cm)	35-3/4" (90.8 cm)	47-7/8" (121.6 cm)



TOP VIEW

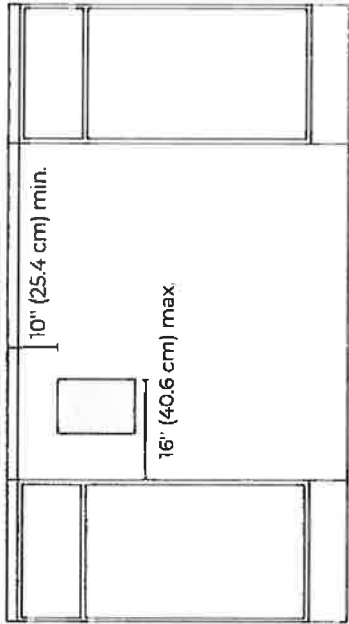
JENNAIR® DIMENSIONS

RANGETOPS

ELECTRICAL REQUIREMENTS

ELECTRIC REQUIREMENTS CHECKLIST	
☐	A 120 volt, 60 Hz, AC only, 15-amp fused, electrical circuit is required.
☐	A dedicated circuit is recommended.

RECOMMENDED ELECTRICAL OUTLET ZONE



FRONT VIEW

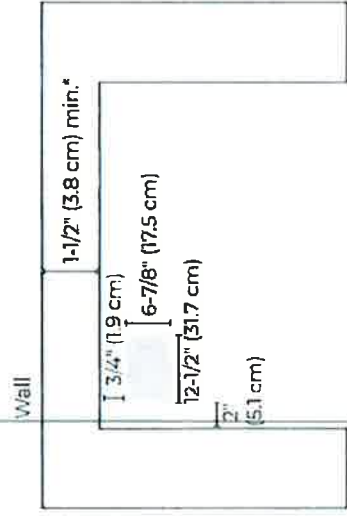
? IF YOU HAVE QUESTIONS ABOUT YOUR ELECTRICAL SUPPLY, CALL A LICENSED, QUALIFIED ELECTRICIAN.

JENNAIR® DIMENSIONS

RANGETOPS

GAS REQUIREMENTS

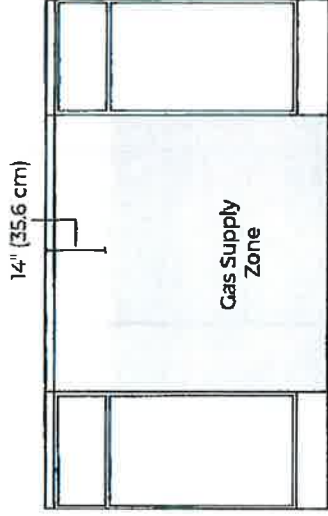
RECOMMENDED GAS SUPPLY LOCATION



TOP VIEW

*If the back wall is constructed of a combustible material and a backsplash is not installed, a 7-1/2" (19.1 cm) minimum clearance is required from the cutout or 6" (15.2 cm) minimum clearance from the back edge of the rangetop.

GAS SUPPLY ZONE



FRONT VIEW

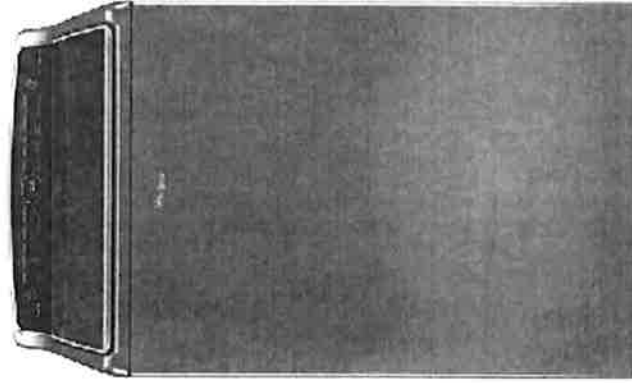
IF YOU HAVE QUESTIONS ABOUT YOUR GAS SUPPLY, CALL A LICENSED, QUALIFIED SERVICE TECHNICIAN.

WTW8500DC

5.3 cu. ft. Cabrio® High-Efficiency Top Load Washer
with Active Spray technology

Whirlpool®

<http://www.whirlpool.com>



Key Features:

- Adaptive Wash Technology with Active Bloom™ Wash Action
- Steam Clean Option
- Active Spray Technology
- Precision Dispense
- Low-Profile Impeller
- Intuitive Touch Front Controls with Memory
- Estimated Time Remaining LED Display
- Smooth Wave Stainless Steel Wash Basket
- ENERGY STAR® Qualified

Product Dimensions:

Height: 42 1/4

Width: 27 1/2

Depth: 28

Additional Information:

[Use And Care Guide](#)

[Dimension Guide](#)

[Installation Guide](#)

[Energy Guide](#)

[Warranty Certificate](#)

Available in:

- Chrome Shadow
- Cranberry Red
- White

INVESTED
IN
AMERICA



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Manufacturer's Suggested Retail Price (MSRP) and Minimum Advertised Price (MAP) provided for reference purposes only. Dealer alone determines advertised and retail prices.

Created On: Tuesday, March 07, 2017 20:07:17

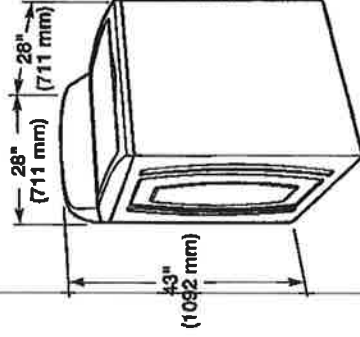


Washer

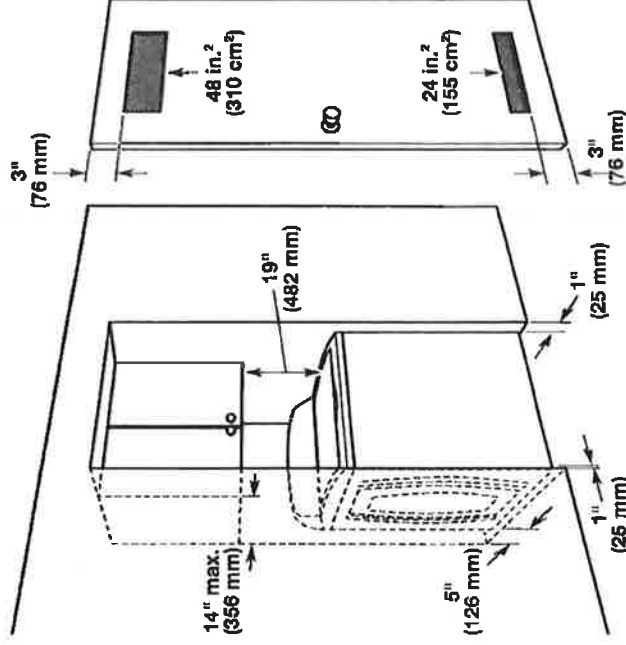
PRODUCT MODEL NUMBERS

WTW8500D, WTW8700E, WTW8510F

Washer Dimensions:



Recessed area or closet installation



Dimensions show recommended spacing allowed, except for closet door ventilation openings which are minimum required. This washer has been tested for installation with spacing of 0" (0 mm) clearance on the sides. Consider allowing more space for ease of installation and servicing, and spacing for companion appliances and clearances for walls, doors, and floor moldings. Add spacing of 1" (25 mm) on all sides of washer to reduce noise transfer. If a closet door or louvered door is installed, top and bottom air openings in door are required.

W10682742B
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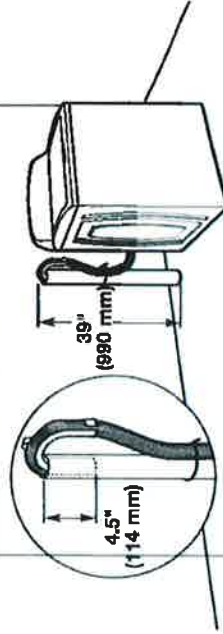
ELECTRICAL REQUIREMENTS

A 120 volt, 60 Hz., AC only, 15- or 20-amp, fused electrical supply is required. A time-delay fuse or circuit breaker is recommended. It is recommended that a separate circuit serving only this appliance be provided.

DRAIN SYSTEM

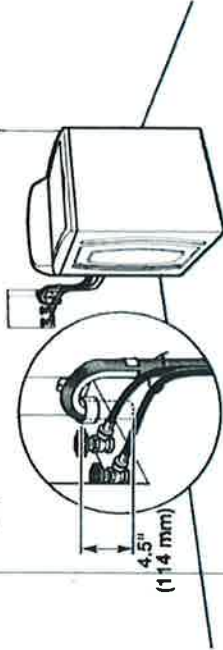
Drain system can be installed using a floor drain, wall standpipe, floor standpipe, or laundry tub. Select method you need.

Floor standpipe drain system



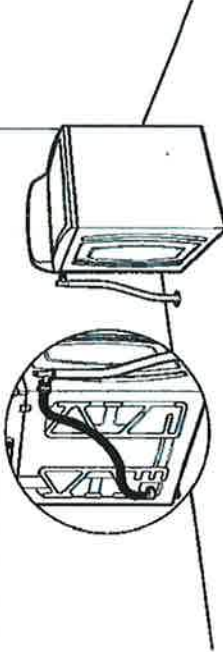
Minimum diameter for a standpipe drain: 2" (51 mm). Minimum carry-away capacity: 17 gal. (64 L) per minute. Top of standpipe must be at least 39" (990 mm) high; install no higher than 96" (2.44 m) from bottom of washer. If you must install higher than 96" (2.44 m), you will need a sump pump system.

Wall standpipe drain system



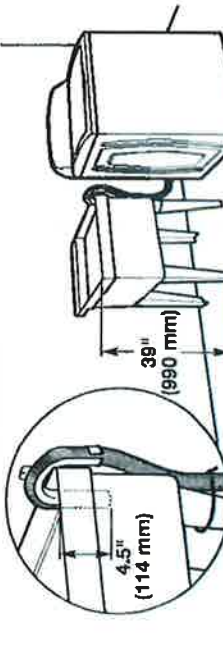
See requirements for floor standpipe drain system.

Floor drain system



Floor drain system requires a Siphon Break Kit (Part Number 285834), 2 Connector Kits (Part Number 285835), and an Extension Drain Hose (Part Number 285863) that may be purchased separately. To order, please see toll-free phone numbers in your Use and Care Guide. Minimum siphon break: 28" (710 mm) from bottom of washer. (Additional hoses may be needed.)

Laundry tub drain system

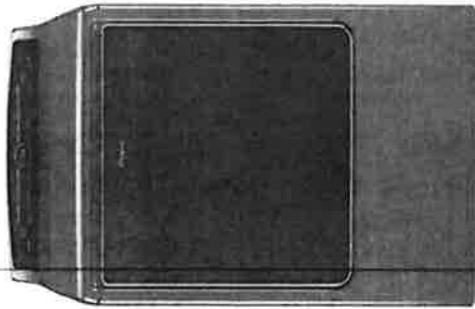


Minimum capacity: 20 gal. (76 L). Top of laundry tub must be at least 39" (990 mm) above floor; install no higher than 96" (2.44 m) from bottom of washer.

IMPORTANT: To avoid siphoning, no more than 4.5" (114 mm) of drain hose should be inside standpipe or below the top of wash tub. Secure drain hose with cable tie.

Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice.

Dimensions are for planning purposes only. For complete details, see Installation Instructions packed with product. Specifications subject to change without notice.



Whirlpool® Cabrio® 8.8 cu. ft. High-Efficiency Electric Steam Dryer

YWED8500DC

Available Finishes/Colours



YWED8500DC
Chrome Shadow



YWED8500DW
White

Dimensions

Depth	32 5/16
Height	42 13/16
Width	29

Appearance

Reversible Door	Yes
-----------------	-----

Exterior

Door Style	Side Swing
Window	Yes
Reversible Door	Yes

Controls

Automatic Temperature Controls	Yes
--------------------------------	-----

Control Type Electronic

Electronic Display Type Digital

End of Cycle Signal Yes

Control Location Rear Panel

Misc.

Accessory Relationships	Yes
Home Delivery	Yes
Will Call	Yes

Top Features

8.8 cu. Ft. Capacity

Advanced Moisture Sensing

Quad Baffles

Manuals & Literature:

Installation Guide

Use and Care Guide

Warranty Information

Configuration and Overview

Fuel Type Electric

Appearance

Door Style	Side Swing
Window	Yes

GDS

isBaseUnit	true
isConsumerUnit	true
IsDispatchUnit	
IsInvoiceUnit	true
IsOrderableUnit	true

Whirlpool®

Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice. Dimensions are for planning purposes only. For complete details, see installation instructions packed with product. Specifications subject to change without notice.

Parts needed: (Not supplied with dryer)

Check local codes. Check existing electrical supply and venting. See "Electrical Requirements" and "Venting Requirements" before purchasing parts.

Mobile home installations require metal exhaust system hardware available for purchase from the dealer from whom you purchased your dryer. For further information, please refer to the "Assistance or Service" section in your "Use and Care Guide."

Enhance your new washer and dryer with the following genuine Whirlpool accessories. For more information on options and ordering, call 1-866-698-2538, or visit us at: www.whirlpool.com/accessories. In Canada, call 1-800-688-2002 or visit us at www.whirlpoolparts.ca.

LOCATION REQUIREMENTS

⚠ WARNING



Explosion Hazard

Keep flammable materials and vapors, such as gasoline, away from dryer.

Place dryer at least 18 inches (460 mm) above the floor for a garage installation.

Failure to do so can result in death, explosion, or fire.

You will need:

- A location allowing for proper exhaust installation. See "Venting Requirements."
- A separate 15- or 20-amp circuit needed for gas dryers and 30-amp circuit needed for electric dryers.
- If using power supply cord, a grounded electrical outlet located within 2 ft. (610 mm) of either side of dryer. See "Electrical Requirements."
- Floor must support dryer weight of 200 lbs. (90.7 kg). Also consider weight of companion appliance.
- Level floor with maximum slope of 1" (25 mm) under entire dryer. If slope is greater than 1" (25 mm), clothes may not tumble properly and automatic sensor cycles may not operate correctly.
- For garage installation, place dryer at least 18" (460 mm) above floor.
- Steam models only: Cold water faucets located within 4 ft. (1.2 m) of the water fill valves, and water pressure of 20-100 psi (137.9-689.6 kPa). You may use your washer's water supply by purchasing the necessary parts noted in "Parts needed."

IMPORTANT: Do not operate, install, or store dryer where it will be exposed to water, weather, or at temperatures below 45°F (7°C). Lower temperatures may cause dryer not to shut off at end of automatic sensor cycles, resulting in longer drying times.

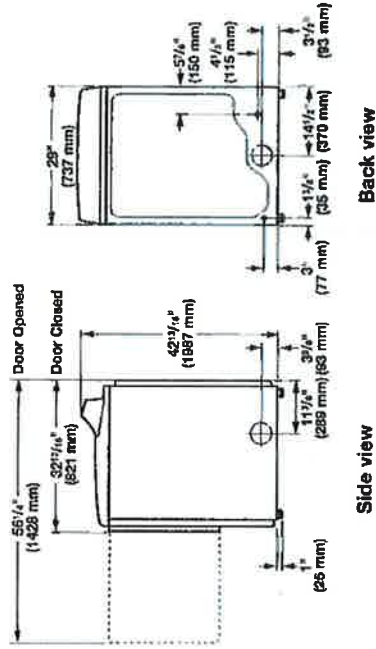
NOTE: No other fuel-burning appliance can be installed in the same closet as a dryer.

INSTALLATION CLEARANCES

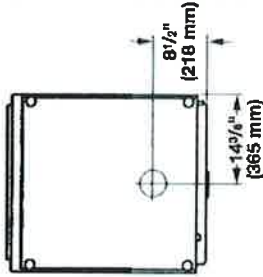
For each arrangement, consider allowing more space for ease of installation and servicing, spacing for companion appliances and clearances for walls, doors, and floor moldings. Space must be large enough to allow door to fully open. Add spacing on all sides of dryer to reduce noise transfer. If a closet door or louvered door is installed, top and bottom air openings in door are required.

Check code requirements. Some codes limit, or do not permit, installation of the dryer in garages, closets, mobile homes, or sleeping quarters. Contact your local building inspector.

DRYER DIMENSIONS



Bottom view:

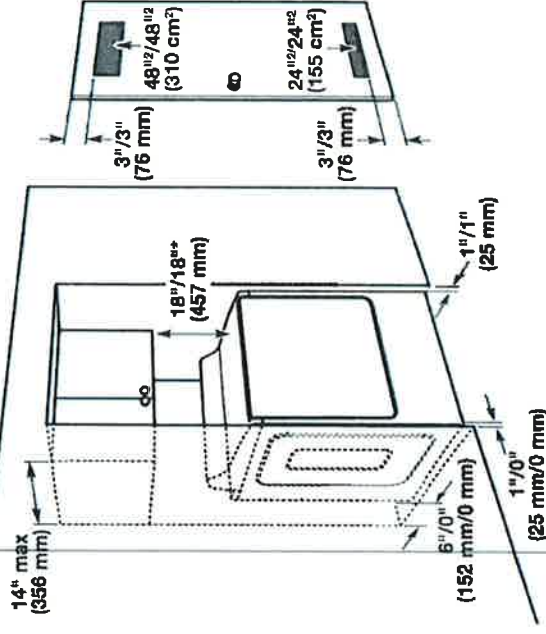


NOTE: Most installations require a minimum of 6" (152 mm) clearance behind dryer for exhaust vent with elbow. See "Venting Requirements."

Spacing for recessed area or closet installation

The dimensions shown are for the recommended spacing allowed.

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances might be required for wall, door, and floor moldings.
- Additional spacing of 1" (25 mm) on all sides of the dryer is recommended to reduce noise transfer.
- For closet installation, with a door, minimum ventilation openings in the top and bottom of the door are required. Louvered doors with equivalent ventilation openings are acceptable.
- Companion appliance spacing should also be considered.



*Recommended/Minimum spacing

Mobile home - Additional installation requirements:

This dryer is suitable for mobile home installations. The installation must conform to the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile home construction and Safety, Title 24, HUD Part 280) or Standard CAN/CSA-Z240 MH.

Mobile home installations require:

All dryers:

- Metal exhaust system hardware, available for purchase from your dealer. For further information, see "Assistance or Service" section in your "Use and Care Guide."
- Special provisions must be made in mobile homes to introduce outside air into dryer. Openings (such as a nearby window) should be at least twice as large as dryer exhaust opening.

For gas dryers mobile home installations:

- Mobile Home Installation Hold-down Kit Part Number W10432680 is available to order. For further information, see "Assistance or Service" section in your "Use and Care Guide."

ELECTRIC DRYER POWER HOOKUP- CANADA ONLY

ELECTRICAL REQUIREMENTS

⚠ WARNING

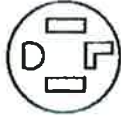


Electrical Shock Hazard

Plug into a grounded 4 prong outlet.
Failure to do so can result in death or electrical shock.

It is your responsibility:

- To contact a qualified electrical installer.
- To be sure that the electrical connection is adequate and in conformance with Canadian Electrical Code, C22, 1-latest edition and all local codes. A copy of above codes standard may be obtained from: Canadian Standards Association, 178 Rexdale Blvd., Toronto, ON M9W 1R3 CANADA.
- To supply the required 4-wire, single phase, 120/240 volt, 60 Hz, AC only electrical supply on a separate 30-amp circuit, fused on both sides of the line. A time-delay fuse or circuit breaker is recommended. Connect to an individual branch circuit.
- This dryer is equipped with a UL listed and/or CSA International Certified Power Cord intended to be plugged into a standard 14-30R wall receptacle. The cord is 5 ft. (1.52 m) long. Be sure wall receptacle is within reach of dryer's final location.



4-wire receptacle
(14-30R)

For further information, please reference service numbers located in "Assistance or Service" section of your "Use and Care Guide."

GROUNDING INSTRUCTIONS

- For a grounded, cord-connected dryer:
This dryer must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This dryer is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative or personnel if you are in doubt as to whether the dryer is properly grounded. Do not modify the plug provided with the dryer: if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

SAVE THESE INSTRUCTIONS

VENTING

VENTING REQUIREMENTS

WARNING

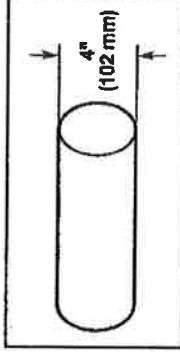


Fire Hazard

- Use a heavy metal vent.
- Do not use a plastic vent.
- Do not use a metal foil vent.
- Failure to follow these instructions can result in death or fire.

WARNING: To reduce the risk of fire, this dryer **MUST BE EXHAUSTED OUTDOORS.**

IMPORTANT: Observe all governing codes and ordinances. Dryer exhaust must not be connected into any gas vent, chimney, wall, ceiling, attic, crawlspace, or a concealed space of a building. Only rigid or flexible metal vent shall be used for exhausting.



4" (102 mm) heavy metal exhaust vent

- Only a 4" (102 mm) heavy metal exhaust vent and clamps may be used.
- Do not use plastic or metal foil vent.

Rigid metal vent:

- Recommended for best drying performance and to avoid crushing and kinking.

Flexible metal vent: (Acceptable only if accessible to clean)

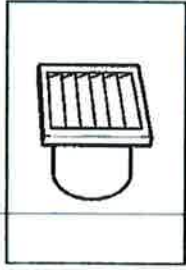
- Must be fully extended and supported in final dryer location.
- Remove excess to avoid sagging and kinking that may result in reduced airflow and poor performance.
- Do not install in enclosed walls, ceilings, or floors.
- The total length should not exceed 7 $\frac{3}{4}$ ft. (2.4 m).
- The length of flexible metal vent used must be included in the overall vent system design as shown in the "Vent System Charts."

NOTE: If using an existing vent system, clean lint from entire length of the system and make sure exhaust hood is not plugged with lint. Replace plastic or metal foil vents with rigid metal or flexible metal vents. Review Vent System Chart and if necessary, modify existing vent system to achieve best drying performance.

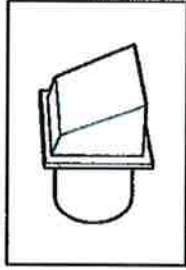
Exhaust hoods:

- Must be at least 12" (305 mm) from ground or any object that may obstruct exhaust (such as flowers, rocks, bushes, or snow).

Recommended Styles:

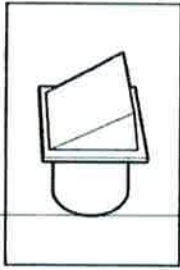


Louvered Hood



Box Hood

Acceptable Style:

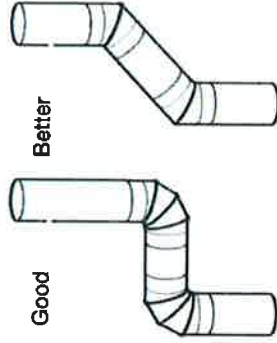


Angled Hood

Elbows:

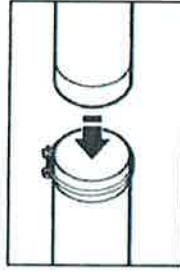
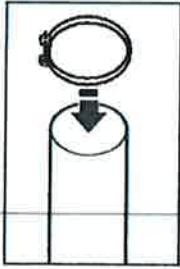
- 45° elbows provide better airflow than 90° elbows.

Recommended Styles:



Clamps:

- Use clamps to seal all joints.
- Exhaust vent must not be connected or secured with screws or other fastening devices that extend into interior of duct and catch lint. Do not use duct tape.



Improper venting can cause moisture and lint to collect indoors, which may result in:

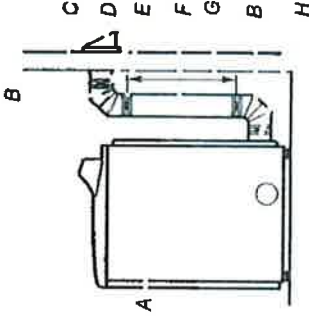
- Moisture damage to woodwork, furniture, paint, wallpaper, carpets, etc.
- Housecleaning problems and health problems.

Vent products can be purchased from your dealer. For more information, see "Assistance or Service" section in your "Use and Care Guide."

PLAN VENT SYSTEM

Recommended exhaust installations

Typical installations vent the dryer from the rear of the dryer. Other installations are possible.



- A. Dryer
- B. Elbow
- C. Wall
- D. Exhaust hood
- E. Clamps
- F. Rigid metal or flexible metal vent
- G. Vent length necessary to connect elbows
- H. Exhaust outlet

Optional exhaust installations:

! WARNING

Fire Hazard

Cover unused exhaust holes with a manufacturer's exhaust cover kit.
Contact your local dealer.

Failure to follow these instructions can result in death, fire, electrical shock, or serious injury.

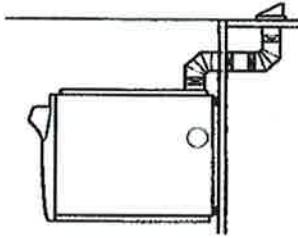
If you prefer, dryer may be converted to exhaust through the bottom and sides. You must contact your local dealer to have dryer converted.



- A. Standard rear offset exhaust installation
- B. Left- or right-side exhaust installation
- C. Bottom exhaust installation

Special provisions for mobile homes:

Exhaust vent must be securely fastened to a noncombustible portion of mobile home and must not terminate beneath the mobile home. Terminate exhaust vent outside.



Mobile Home Exhaust Installation

Determine vent path:

- Select route that will provide straightest and most direct path outdoors.
- Plan installation to use fewest number of elbows and turns.
- When using elbows or making turns, allow as much room as possible.
- Bend vent gradually to avoid kinking.
- Use as few 90° turns as possible.

Determine vent length and elbows needed for best drying performance:

- Use following Vent System Chart to determine type of vent material and hood combinations acceptable to use.

NOTE: Do not use vent runs longer than those specified in Vent System Chart. Exhaust systems longer than those specified will:

- Shorten life of dryer.
- Reduce performance, resulting in longer drying times and increased energy usage.

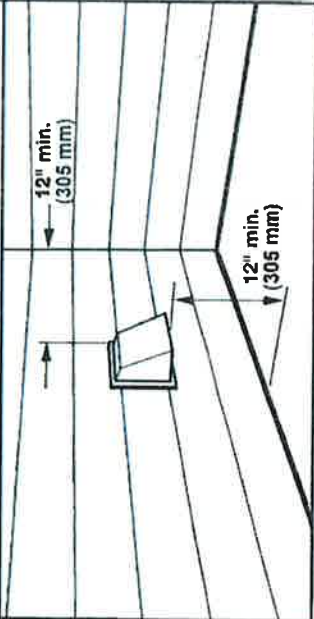
The Vent System Chart provides venting requirements that will help achieve best drying performance.

Vent System Chart		
Number of 90° elbows	Type of vent	Angled hoods
0	Rigid metal	64 ft. (20 m)
1	Rigid metal	54 ft. (16.5 m)
2	Rigid metal	44 ft. (13.4 m)
3	Rigid metal	35 ft. (10.7 m)
4	Rigid metal	27 ft. (8.2 m)

NOTE: Bottom exhaust installations have a 90° turn inside the dryer. To determine maximum exhaust length, add one 90° turn to the charts.

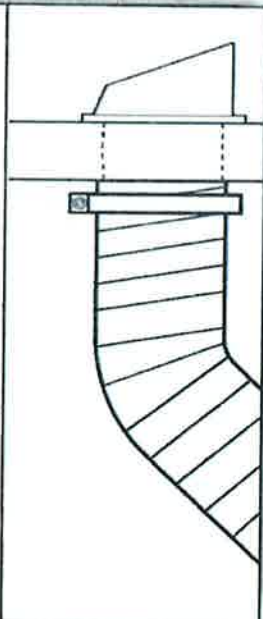
INSTALL VENT SYSTEM

1. Install exhaust hood



Install exhaust hood and use caulking compound to seal exterior wall opening around exhaust hood.

2. Connect vent to exhaust hood



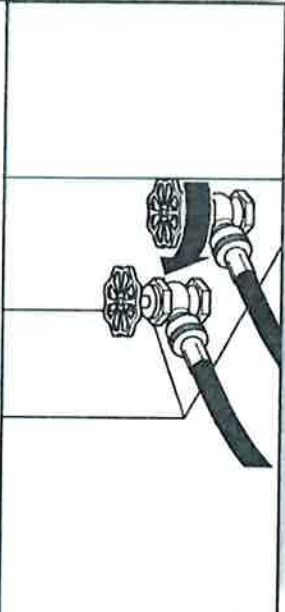
Vent must fit over the exhaust hood. Secure vent to exhaust hood with 4" (102 mm) clamp. Run vent to dryer location using straightest path possible. Avoid 90° turns. Use clamps to seal all joints. Do not use duct tape, screws, or other fastening devices that extend into interior of vent to secure vent, because they can catch lint.

CONNECT INLET HOSES

For non-steam models, skip to "Connect Vent."

The dryer must be connected to the cold water faucet using the new inlet hoses. Do not use old hoses.

1. Turn cold water off, remove and replace rubber washer



Turn cold water faucet off and remove washer inlet hose. Remove old rubber washer from inlet hose and replace with new rubber washer.