



the **PERFECT FIT**



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This guide provides basic information about sizing windows and doors. It is meant to help you select appropriate windows and doors for your new building or remodeling project.



Starting Out Small

Egress Law

Here is the clause regarding the minimum dimensions allowed for bedroom windows, thus assuring security and permitting easy escape, as accepted by the National Building Code of Canada and by the American National Building Code.

National Building Code of Canada

"Except where a door provides access directly to the exterior, each bedroom shall have at least one outside window, openable from the inside, without the use of tools or special knowledge. Such windows shall provide an **unobstructed opening** of not less than 380 mm (15") in either height or width and 0.35 sq. m. (3.77 sq. ft.) in area. The projected area of the opening shall not be reduced by the openable sash at its fully open position."

How to calculate the unobstructed opening of the window

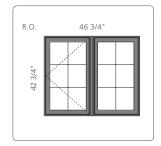
Casement DE3103 DE3113

width minus 8 13/16" (with Egress hinges 7 1/2")

height minus 4 3/4"

What is R.O.?

R.O. or rough opening is the framed opening required to install the window. The R.O. is approximately 3/4" wider and 3/4" taller than the outside measurement of the window frame.



What is OSM Frame Measurement?

OSM frame is the outside measurement of the window frame. This measurement is required when measuring for a full replacement window unit.

Add 3/4" to the width and 3/4" to the height for your rough opening (R.O.).

Window Measuring Overview

Before you select your windows, take a few measurements to ensure the proper fit.

The four basic steps

1. Determine if the existing window frames are square, level and plumb. If they are not, contact a professional to provide assistance.

Square: Measure the diagonals of the window frame.

Level and plumb: Place a level against the window opening jambs and determine if the window is level horizontally and plumb (see Fig. 1). The window should not be more than 1/8" out-of-level or plumb.

- 2. Take three measurements for both height and width (see Fig. 2).
- 3. Report the smallest measurements when ordering. All three measurements should be within 1/8". If they are not, contact a professional to provide assistance.
- 4. Provide a jamb width measurement.



Fig. 1



Fig. 2

Getting the measurement right

To ensure your new windows are weathertight, it's crucial to obtain the correct measurements. Therefore, you may want to consider professional assistance.

Full replacement of existing windows

- From the inside, remove the casing and measure width and height from the outside of the window frame, 6" from the corners and at the centre. This is your outside frame measurement, or OSM frame.
- From the outside, measure the width (brickmould to brickmould) and height (brickmould to sill) of the outside of the windows, 6" from the corners and at the centre. This is your outside brickmould measure measurement, or OSM brickmould.

Report the smallest measurements here:

h height
h height
h height
h height
t

(Add 3/4" to the width and 3/4" to the height of the OSM.)

Box unit replacement of existing windows

Measure width and height from the inside of the window frame (where the
existing window sash is located), 6" from the corners and at the centre. This is
your inside frame measurement, or ISM frame.

Report the smallest measurements here:

ISM frame measurement:	width	 height

Door Measuring Overview

- Remove the interior casing and measure the height and width of the existing door frame.
- Measure the door slab.
- Measure the thickness of the wall to determine the jamb width needed.
- Determine the door swing you need. Door swing refers to the directional swing of the door based on the location of the hinges, viewed from the outside (see page 10).

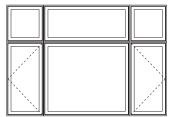
Report the measurements here:

Door frame measurement:	width	 height	
Door slab measurement:	width	height	
	jamb width		
	swing		

Casement DF3103



Our DF3103 casement windows open wide and outward like a door. They are easy to clean, provide good air circulation and close tightly against harsh weather. For smooth and secure operation, Truth® Encore® hardware is sealed to the frame to minimize air leakage and infiltration.



Various combinations can be specified using casement windows with fixed windows. Our fixed windows have identical glass sitelines as our casement windows. Unique combinations can also be created by mulling and stacking individual single boxes.

Sizing Chart Legend

E Meets egress with standard hinge

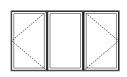


Can be left (shown) or right opening





■ 2 Wide Casement



■ 3 Wide Casement

2 and 3 wide units can be any combination of casement and fixed windows.

Minimum 4 wide size available is 76" x 22"

Maximum 5 wide size available is 125" x 66"

						F	rame Widt	h					1
		17"	19"	21"	23"	25"	27"	31"	34"	35"	36"	38"	
	22"	•											22 3/4"
	24"	•					•			•			24 3/4"
	26"	•	•	•	•	•	•			■E	■E ■		26 3/4"
	28"	•	•	•		•	•			■E	■E ■		28 3/4"
		•	•	•	•	•	•	■E		■E	■E ■	•	30 3/4"
	32"	•	•	•		•	•	■E		■E	■E ■		32 3/4"
	34"	•	•	•	•	•	•	■E		■E	■E ■		34 3/4"
	36"	•	•	•			■E	■E		■E	■E ■		36 3/4"
		•	•	•	•	•	■E	■E		■E	■E ■		38 3/4"
	40"	•	•	•		■E	■E	■E		■E	■E ■		40 3/4"
	42"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	42 3/4"
	44"	•	•			■E	■E	■E		■E	■E ■		46 3/4" Height
٤L	46"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	46 3/4" 9
Frame Height	48"	•	•	•	•	■E	■E	■E		■E	■E ■	•	48 3/4" D
Ŧ	50"	•	•	•	•	■E	■E	■E		■E	■E ■		50 3/4"
a	52"	•	•	•	•	■E	■E	■E		■E	■E ■		52 3/4" o
£ [54"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	48 3/4" 50 3/4" 52 3/4" 54 3/4" 56 3/4"
	56"	•	•	•	•	■E	■E	■E		■E	■E ■	•	56 3/4"
	58"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	58 3/4"
	60"	•	•	•	•	■E	■E	■E		■E	■E ■	•	60 3/4"
	62"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	62 3/4"
	64"	•	•	•	•	■E	■E	■E		■E	■E ■	•	64 3/4"
	66"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	66 3/4"
	68"	•	•	•	•	■E	■E	■E		■E	■E ■	•	68 3/4"
	70"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	70 3/4"
	72"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	72 3/4"
	74"	•	•	•	•	■E	■E	■E	•	■E	■E ■	•	74 3/4"
	76"	•	•	•	•	■E	■E	■E					76 3/4"
	78"	•	•	•	•	■E	■E	■E	•		•	•	78 3/4"
		17 3/4"	19 3/4"	21 3/4"	23 3/4"	25 3/4"	27 3/4"	31 3/4"	34 3/4"	35 3/4"	36 3/4"	38 3/4"	

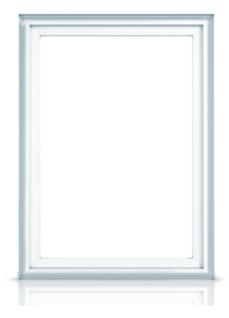
Rough Opening Width

					F	rame Widt	h							
		42"		48"	54"	57"			62"	64"				
	22"	•	•	•	•		•					•	22 3/4"	
	24"	•				•						•	24 3/4"	
		•	•	•	•								26 3/4"	
	28"	•									■E		28 3/4"	
	30"	•							■E		■E		30 3/4"	
	32"								■E		■E		32 3/4"	
					■E		■E		■E		■E		34 3/4"	
	36"				■E		■E		■E		■E		36 3/4"	
			•	•	■E	•	■E		■E		■E		38 3/4"	
	40"	•	•	■E	■E		■E		■E		■E		40 3/4"	
	42"		•	■E	■E		■E		■E		■E		42 3/4"	ا با
	44"			■E	■E		■E		■E		■E		44 3/4"	g
ᆂ	46"	•		■E	■E		■E		■E		■E		46 3/4"	문
Frame Height	48"			■E	■E		■E		■E		■E		48 3/4"	Б
ᄑ				■E	■E		■E		■E		■E		50 3/4"	e i
aŭ	52"	•	•	■E	■E		■E		■E		■E		52 3/4"	ဝီ
£ _	54"	•	•	■E	■E	•	■E		■E		■E	•	54 3/4"	Rough Opening Height
	56"	•	•	■E	■E		■E		■E		■E		56 3/4"	Ş
	58"	•	•	■E	■E	•	■E		■E		■E	•	58 3/4"	"
	60"			■E	■E		■E		■E		■E		60 3/4"	
	62"	•	•	■E	■E	•	■E		■E		■E	•	62 3/4"	
	64"	•	•	■E	■E		■E		■E		■E		64 3/4"	
	66"	•	•	■E	■E	•	■E		■E		■E	•	66 3/4"	
	68"	•	•	■E	■E		■E		■E		■E		68 3/4"	
	70"		•	■E	■E		■E		■E		■E		70 3/4"	
	72"			■E	■E		■E		■E		■E		72 3/4"	
	74"	•	•	■E	■E	•	■E		■E		■E	•	74 3/4"	
	76"	•		■E	■E		■E		■E				76 3/4"	
		•	•	■E	■E	•	■E		■E			•	78 3/4"	
		42 3/4"	46 3/4"	48 3/4"	54 3/4"	57 3/4"	58 3/4"	60 3/4"	62 3/4"	64 3/4"	66 3/4"	69 3/4"		

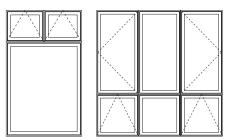
42 3/4" | 46 3/4" | 48 3/4" | 54 3/4" | 57 3/4" | 58 3/4" | 60 3/4" | 62 3/4" | 64 3/4" | 66 3/4" | 69 3/4" Rough Opening Width

						Frame	Width					
		70"	72"	75"	78"	81"	87"	93"	99"	105"	108"	
	22"	•	•									22 3/4"
	24"	•	•		•			•				24 3/4"
	26"	■E	■E				•			■E	■E	26 3/4"
	28"	■E	■E	•	•	•	•	•	■ E	■E	■E	28 3/4"
		■E	■E					■E	■E	■E	■E	30 3/4"
	32"	■E	■E				■E	■E	■E	■E	■E	32 3/4"
	34"	■E	■E			■E	■E	■E	■E	■E	■E	34 3/4"
	36"	■E	■E		■E	■E	■E	■E	■E	■E	■E	36 3/4"
		■E	■E	■E	■E	■E	■E	■E	■E	■E	■E	38 3/4"
	40"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	40 3/4"
	42"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	42 3/4"
	44"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	44 3/4" ⁵
ᆂ	46"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	46 3/4" 9
Frame Height	48"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	48 3/4" 5
<u>-</u>	50"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	50 3/4"
am	52"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	52 3/4" o
£	54"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	54 3/4" 5
	56"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	44 3/4" 46 3/4" 48 3/4" 50 3/4" 52 3/4" 56 3/4" 56 3/4"
	58"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	58 3/4"
	60"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	60 3/4"
	62"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	62 3/4"
	64"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■ E	■E	64 3/4"
	66"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	66 3/4"
	68"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	68 3/4"
	70"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	70 3/4"
	72"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■ E	■E	72 3/4"
	74"	■E	■E ■E	■E	■E	■E	■E	■E	■E	■E	■E	74 3/4"
	76"		■E	■E	■E	■ E	■E	■ E	■ E		■E	76 3/4"
	78"		■E	■E	■E	■E	■E	■E	■E		■E	78 3/4"
		70 3/4"	72 3/4"	75 3/4"	78 3/4"	81 3/4"	87 3/4"	93 3/4"	99 3/4"	105 3/4"	108 3/4"	
						Rough Ope	ning Width					

Fixed DF3103 & DF3113



Our vinyl fixed windows look like operating windows but remain fixed, while providing maximum glass for enhanced view and light. Available in many sizes and shapes, they offer even sitelines and correspond in appearance to our DF3103 casement and DF3113 awning windows.



Our fixed windows have identical glass sitelines to our casement and awning windows, making various combinations possible. Angle individual units to create a bay or a bow window (see page 9).

Fixed windows are available with or without sash.









2 and 3 wide units can be any combination of fixed and operating windows.

Please enquire about additional sizes available.

Sizing Chart Legend

■ 1 Wide Fixed

■ 2 Wide Fixed



Frame Width ---24" 24 3/4' _ _ _ - -. . . 28" 28 3/4" 30 3/4" 32" - -32 3/4" 36 3/4" 36' 40" 40 3/4" 42 3/4" Rough Opening Height 44" 44 3/4" Frame Height 48 3/4" 52" 52 3/4" 56" 56 3/4" 60" П 60 3/4" ---------64 3/4" 64' П 66 3/4" ----------68 3/4" 68' - -_ _ _ 72" 72 3/4" 74 3/4" 76" 76 3/4"

Rough Opening Width

					F	rame Widt	h						
		42"		48"	54"	57"			62"	64"			
	22"												22 3/4"
	24"												24 3/4"
													26 3/4"
	28"												28 3/4"
	30"												30 3/4"
	32"												32 3/4"
	34"												34 3/4"
	36"												36 3/4"
													38 3/4"
	40"												40 3/4"
	42"												42 3/4"
	44"												44 3/4" <u>5</u>
ᆂ	46"												44 3/4" 46 3/4" 48 3/4" 50 3/4" 52 3/4" 54 3/4" 56 3/4" 56 3/4"
eig	48"												48 3/4" ව
ᄑ	50"												50 3/4" 5
Frame Height	52"												52 3/4"
£ [54"												54 3/4" 5
	56"												56 3/4"
	58"												58 3/4"
	60"												60 3/4"
	62"												62 3/4"
	64"												64 3/4"
	66"												66 3/4"
	68"												68 3/4"
	70"												70 3/4"
	72"												72 3/4"
	74"												74 3/4"
	76"												76 3/4"
	78"												78 3/4"
		42 3/4"	46 3/4"	48 3/4"	54 3/4"	57 3/4"	58 3/4"	60 3/4"	62 3/4"	64 3/4"	66 3/4"	69 3/4"	I

						Traine	Width						
			72"			81"	87"			105"	108"		
	22"											22 3/4"	
	24"											24 3/4"	
												26 3/4"	
	28"											28 3/4"	
												30 3/4"	
	32"											32 3/4"	
	34"											34 3/4"	
	36"											36 3/4"	
	38"											38 3/4"	
	40"											40 3/4"	
	42"											42 3/4"	4
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Frame Height	48"											48 3/4"	ng
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a B B	52"											52 3/4"	ဝီ
اءًا	54"											54 3/4"	g
	56"											56 3/4"	Rough Opening Height
	58"											58 3/4"	
	60"											60 3/4"	
	62"											62 3/4"	
	64"											64 3/4"	
	66"										• • •	66 3/4"	
	68"											68 3/4"	
	70"			•••			• • • •				•••	70 3/4"	
	72"											72 3/4"	
	74"											74 3/4"	
	76"											76 3/4"	
	78"											78 3/4"	
		70 3/4"	72 3/4"	75 3/4"	78 3/4"	81 3/4"	87 3/4"	93 3/4"	99 3/4"	105 3/4"	108 3/4"		

| 81 3/4" | 87 3/4" | 93 3/4" | 99 3/4" | 105 3/4" | 10 Rough Opening Width

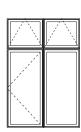
Awning DF3113



Versatile and design-friendly, awning windows work well under many architectural circumstances, including groupings with other windows. They open from the bottom using a top hinge, allowing for air circulation in any kind of weather, including rain.

Various combinations can be specified using awning windows with fixed and picture windows. Our fixed windows have identical glass sitelines to our awning windows. Picture windows provide a larger glass area compared to fixed windows. Unique combinations can also be created by mulling and stacking awning windows with other window types.

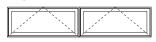


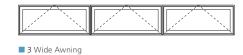


NOTE: Will not meet egress









Sizing (.hart I	Legend
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■ 1 Wide Awning

■ 2 Wide Awning

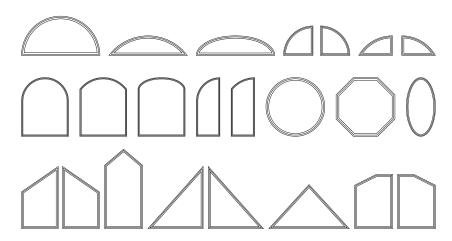
		48 3/4	50 3/4	52 3/4	60 3/4	66 3/4	68 3/4	/2 3/4	/63/4	/8 3/4		
					Roug	gh Opening V	Vidth					
						Frame Width						
		84"	90"	92"	100"	102"	114"	126"	138"	150"		
	23"	•	•	•	•	-	•	•	•		23 3/4"	ng
Frame Height	31"	•	-	•	•	-		•			31 3/4") ght
Fra	39"	•	-	•	-	-	-	•	-	-	39 3/4"	Rough Opening Height
	42"		-			-					42 3/4"	Ro
	_	84 3/4"	90 3/4"	92 3/4"	100 3/4"	102 3/4"	114 3/4"	126 3/4"	138 3/4"	150 3/4"		

Rough Opening Width



Radius & Geometric DF3103

Radius and geometric windows are a distinctive choice that can emphasize a home's architectural style or bring light into areas that reach beyond where windows would normally go. Specialty windows include both fixed (with or without sash) and operating units in a wide variety of shapes and sizes.



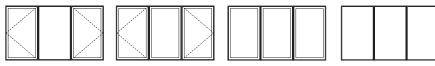
Bay & Bow DF3103

Bay and bow windows add elegance and extra light to a room, making it seem larger. Ideal for living rooms, kitchens, family rooms and master bedrooms. Bay and bow windows project outwards from your home's exterior wall, giving you a greater sense of space and an expanded view of the outdoors. There are "straight wall" and "framed wall" bay and bow windows. Straight wall means the floor and ceiling will be the same angle as the bay or bow window. A framed wall means there will be a head (top) and a seat (ledge/bottom).





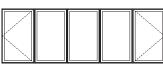
Bay windows are a series of three windows that includes a centre unit, parallel with your wall, and two "flanker" windows. Casement windows are a popular choice as flanker windows.



Units can be any combination of casement, single or double-hung, or fixed (with or without sash). Custom sizes and angles are also available for both bay and bow windows.

Bow windows are a series of four or more windows that combine in a graceful, gradual curve. Choose picture windows or a combination of fixed and operating units.

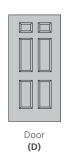




Options: No head and seat, head and seat, head only or seat only.

Entry Doors

Entry Door









(DD)



Double Door w/Astragal (unobstructed opening when doors are open (DDA)

Single Entry Door Frame Sizes

	Width	Height
New construction	34 1/8" (32")	82 15/16"
Renovation	34 1/8" (32")	81 1/2"
Wheel chair sill	34 1/8" (32")	81 7/16"
8' door	34 1/8" (32")	94 7/8"
8' door with wheel chair sill	34 1/8" (32")	93 7/16"

	(/	
	Width	Height
New construction	38 1/8" (36")	82 15/16"
Renovation	38 1/8" (36")	81 1/2"
Wheel chair sill	38 1/8" (36")	81 7/16"
8' door	38 1/8" (36")	0/1 7/8"

38 1/8" (36")

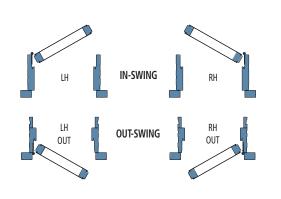
93 7/16"

	Width	Height
New construction	36 1/8" (34")	82 15/16"
Renovation	36 1/8" (34")	81 1/2"
Wheel chair sill	36 1/8" (34")	81 7/16"
8' door	36 1/8" (34")	94 7/8"
8' door with wheel chair sill	36 1/8" (34")	93 7/16"

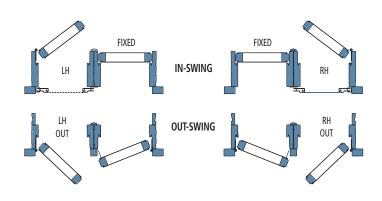
	Width	Height
New construction	44 1/8" (42")	82 15/16"
Renovation	44 1/8" (42")	81 1/2"
Wheel chair sill	44 1/8" (42")	81 7/16"
8' door	44 1/8" (42")	94 7/8"
8' door with wheel chair sill	44 1/8" (42")	93 7/16"

Entry Door Swings

8' door with wheel chair sill



Double Door Swings



Worksheet

Before making a final decision on the windows and doors you choose for your home, consider the following: window styles, colours, accessory options and varying types of doors and glass insert options. We suggest you take a few moments and outline your preferences before consulting with your builder or home renovator.

For additional product information, please visit our website at **www.jeld-wen.ca.**

Questions to consider:	Preferred window styles:			
What is your home's architectural style?	Casement	Specialty	Single-Hung	
(i.e. traditional, contemporary, old world)	Awning	Bay	Slider	
	☐ Fixed / Picture	Bow		
Which elements in your home should your windows or	Choose the type of installation:			
doors match? (i.e. kitchen cabinets, millwork, moulding)	☐ New Construction	n		
	Renovation			
Do you have specific lifestyle or landscaping	What are your c	erations?		
considerations (i.e. focus on recreational backyard, strong curb appeal, lot elevation and orientation)				
	What options are important to you?			
	☐ Colour Options		Obscure Glass	
	☐ Simulated Divided	d Lites S	Sandblast	
	Grilles Between G	Glass 🔲 🛭	Decorative Door Lites	
	☐ Brickmould	T	ripane, low emissivity glass	
NOTES:	☐ Jamb Extensions			
	Choose a door s	tyle:		
	☐ Entry			
	☐ Sliding Patio			
	Double			
	Garden			
	Choose a door configuration:			
	Preferred door r	material?		
	☐ Steel			
	Fibreglass			





The JELD-WEN® website is your ultimate resource for learning about our reliable windows and doors. It has all the product information and design advice you need.

JELD-WEN reserves the right to change product specifications without notice. Please check our website for current information: www.jeld-wen.ca

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