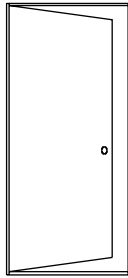


<i>Dimensional Data</i>	<i>ARCH 1</i>
<i>Architectural Details</i>	<i>ARCH 2</i>
<i>Door, Sidelite and Transom Tracing Aids</i>	<i>ARCH 3</i>

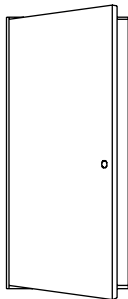
ARCH 1 Dimensional Data

<i>Single Doors</i>	1.1
<i>Sidelites</i>	1.2
<i>Double Doors</i>	1.3
<i>Doors with Sidelites (Continuous Head & Sill)</i>	1.4
<i>Doors with Sidelites (Separately-Framed Units)</i>	1.5
<i>Hinged Patio Doors (1- & 2-Panel Units)</i>	1.6
<i>Hinged Triple Patio Doors</i>	1.7
<i>Sliding Patio Units</i>	1.8
<i>Expandable Steel Frame</i>	1.9
<i>Split-Jamb Steel Frame</i>	1.10

- Transoms available for 3/0 only
- Size tables are for standard 6/8 doors



Inswing
LH-Shown
RH-Opposite



Outswing
RH-Shown
LH-Opposite

For 7/0 height, add 4".
For 8/0 height, add 16".



Inswing
Outswing

Single Inswing

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/0	25-5/8"	82"	26-1/2"	82-1/2"
2/6	31-5/8"	82"	32-1/2"	82-1/2"
2/8	33-5/8"	82"	34-1/2"	82-1/2"
2/10	35-5/8"	82"	36-1/2"	82-1/2"
3/0	37-5/8"	82"	38-1/2"	82-1/2"
3/6	43-5/8"	82"	44-1/2"	82-1/2"

Single Outswing

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/0	25-5/8"	80-5/8"	26-1/2"	81"
2/6	31-5/8"	80-5/8"	32-1/2"	81"
2/8	33-5/8"	80-5/8"	34-1/2"	81"
2/10	35-5/8"	80-5/8"	36-1/2"	81"
3/0	37-5/8"	80-5/8"	38-1/2"	81"
3/6	43-5/8"	80-5/8"	44-1/2"	81"

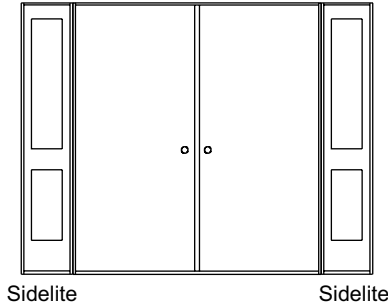
Single Public Access (inswing/outswing)

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/0	25-5/8"	81"	26-1/2"	81-1/2"
2/6	31-5/8"	81"	32-1/2"	81-1/2"
2/8	33-5/8"	81"	34-1/2"	81-1/2"
2/10	35-5/8"	81"	36-1/2"	81-1/2"
3/0	37-5/8"	81"	38-1/2"	81-1/2"
3/6	43-5/8"	81"	44-1/2"	81-1/2"

Single Transoms

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
3/0	37-5/8"	95-1/2"	38-1/2"	96"
3/0	37-5/8"	94-1/8"	38-1/2"	94-5/8"

1.2 Sidelites



Sidelites

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
10"	11-1/2"	82"	*	82-1/2"
12"	13-1/2"	82"	*	82-1/2"
14"	15-1/2"	82"	*	82-1/2"
32"	33-1/2"	82"	*	82-1/2"
36"	37-1/2"	82"	*	82-1/2"

* Add actual unit width to door rough opening width for total rough opening width.

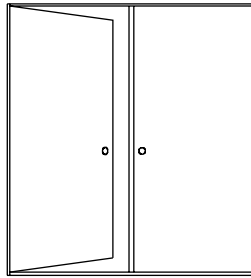
For 8/0 height,
add 16".

1.3 Double Doors

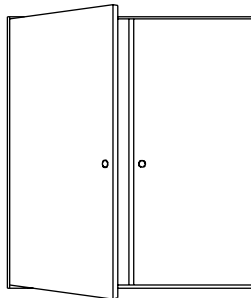
- Both leaves hinged
- Locking astragal fixes passive leaf
- Size tables are for standard 6/8 doors

For 7/0 height, add 4".

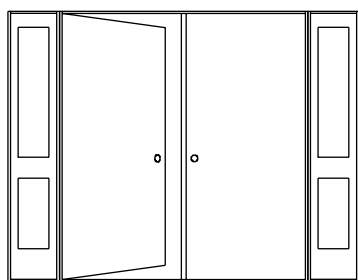
For 8/0 height, add 16".



Active Passive
Inswing
LH-Shown (Active/Passive)
RH-Opposite (Passive/Active)



Active Passive
Outswing
RH-Shown (Active/Passive)
LH-Opposite (Passive/Active)



Sidelite Active Passive Sidelite
Inswing
LH-Shown (Active/Passive)
RH-Opposite (Passive/Active)

Double Inswing

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	62-9/16"	82"	63-1/4"	82-1/2"
5/4	66-9/16"	82"	67-1/4"	82-1/2"
5/8	70-9/16"	82"	71-1/4"	82-1/2"
6/0	74-9/16"	82"	75-1/4"	82-1/2"

Double Outswing

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	62-9/16"	80-5/8"	63-1/4"	81"
5/4	66-9/16"	80-5/8"	67-1/4"	81"
5/8	70-9/16"	80-5/8"	71-1/4"	81"
6/0	74-9/16"	80-5/8"	75-1/4"	81"

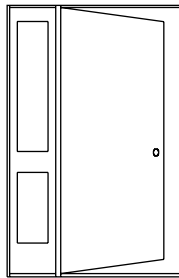
Double Inswing w/2-Boxed Sidelites

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0 w/12"	89-9/16"	82"	90-1/4"	82-1/2"
5/0 w/14"	93-9/16"	82"	94-1/4"	82-1/2"
5/4 w/12"	93-9/16"	82"	94-1/4"	82-1/2"
5/4 w/14"	97-9/16"	82"	98-1/4"	82-1/2"
5/8 w/12"	97-9/16"	82"	98-1/4"	82-1/2"
5/8 w/14"	101-9/16"	82"	102-1/4"	82-1/2"
6/0 w/12"	101-9/16"	82"	102-1/4"	82-1/2"
6/0 w/14"	105-9/16"	82"	106-1/4"	82-1/2"

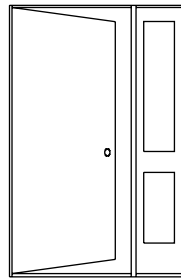
1.4 Doors with Sidelites (Continuous Head & Sill)

- Continuous head & sill
- No-casing mullions
- Transoms only available for 3/0 units

For 8/0 height,
add 16".



Inswing
LH-Shown
RH-Opposite



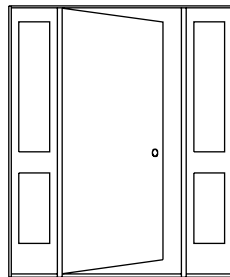
Inswing
LH-Shown
RH- Opposite

Continuous w/(1) 12" Sidelite

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/8	46-5/8"	82"	47-1/2"	82-1/2"
3/0	50-5/8"	82"	51-1/2"	82-1/2"

Continuous w/(1) 14" Sidelite

2/8	48-5/8"	82"	49-1/2"	82-1/2"
3/0	52-5/8"	82"	53-1/2"	82-1/2"



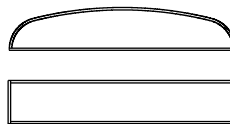
Inswing
LH-Shown
RH-Opposite

Continuous w/(2) 12" Sidelites

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/8	59-5/8"	82"	60-1/2"	82-1/2"
3/0	63-5/8"	82"	64-1/2"	82-1/2"

Continuous w/(2) 14" Sidelites

2/8	63-5/8"	82"	64-1/2"	82-1/2"
3/0	67-5/8"	82"	68-1/2"	82-1/2"



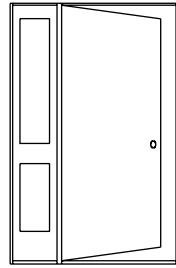
Continuous Transoms

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
3/0-(2) 12"	63-5/8"	95-1/2"	64-1/2"	96"
3/0-(2) 14"	67-5/8"	95-1/2"	68-1/2"	96"

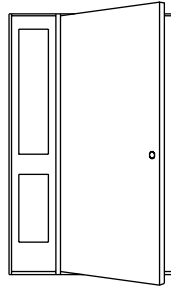
1.5 Doors with Sidelites (Separately-Framed Units)

Doors with One Sidelite

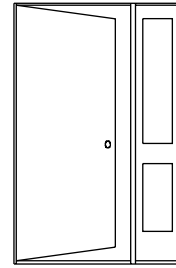
- Separated heads and sills.
- Casing inside and out at mullions.
- Transoms available for 12" & 14" sizes.
- Size tables are for standard 6/8 doors.



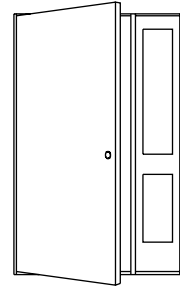
Inswing
LH-Shown
RH-Opposite



Outswing
RH-Shown
LH-Opposite



Inswing
LH-Shown
RH-Opposite



Outswing
RH-Shown
LH-Opposite

Single w/(1) Boxed Sidelite

For 8/0 height, add 16".

Size	Actual Unit Size			Rough Opening		
	Width	Height Inswing	Height Outswing	Width	Height Inswing	Height Outswing
2/6 - 10" Sidelite	43-5/32"	82"	80-5/8"	44"	82-1/2"	81"
2/6 - 12" Sidelite	45-5/32"	82"	80-5/8"	46"	82-1/2"	81"
2/6 - 14" Sidelite	47-5/32"	82"	80-5/8"	48"	82-1/2"	81"
2/8 - 10" Sidelite	45-5/32"	82"	80-5/8"	46"	82-1/2"	81"
2/8 - 12" Sidelite	47-5/32"	82"	80-5/8"	48"	82-1/2"	81"
2/8 - 14" Sidelite	49-5/32"	82"	80-5/8"	50"	82-1/2"	81"
2/10 - 10" Sidelite	47-5/32"	82"	80-5/8"	48"	82-1/2"	81"
2/10 - 12" Sidelite	49-5/32"	82"	80-5/8"	50"	82-1/2"	81"
2/10 - 14" Sidelite	51-5/32"	82"	80-5/8"	52"	82-1/2"	81"
3/0 - 10" Sidelite	49-5/32"	82"	80-5/8"	50"	82-1/2"	81"
3/0 - 12" Sidelite	51-5/32"	82"	80-5/8"	52"	82-1/2"	81"
3/0 - 14" Sidelite	53-5/32"	82"	80-5/8"	54"	82-1/2"	81"
3/6 - 10" Sidelite	55-5/32"	82"	80-5/8"	56"	82-1/2"	81"
3/6 - 12" Sidelite	57-5/32"	82"	80-5/8"	58"	82-1/2"	81"
3/6 - 14" Sidelite	59-5/32"	82"	80-5/8"	60"	82-1/2"	81"



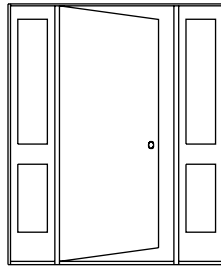
Single w/(1) Boxed Sidelite Transoms

Size	Actual Unit Size			Rough Opening		
	Width	Height Inswing	Height Outswing	Width	Height Inswing	Height Outswing
3/0 - 12" Sidelite	51-5/32"	95-1/2"	94-1/8"	52"	96"	94-5/8"
3/0 - 14" Sidelite	53-5/32"	95-1/2"	94-1/8"	54"	96"	94-5/8"

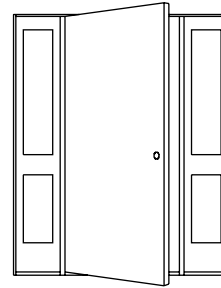
1.5 Doors with Sidelites (Separately-Framed Units)

Doors with Two Sidelites

- Separated heads and sill.
- Casing inside and out at mullions.
- Transoms available for 12" and 14" sizes.
- Size table are for 6/8 standard doors.



Inswing
LH-Shown
RH-Opposite



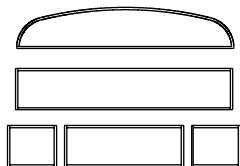
Outswing
RH-Shown
LH-Opposite

Single w/(2) Boxed Sidelites

Size	Actual Unit Size			Rough Opening		
	Width	Height Inswing	Height Outswing	Width	Height Inswing	Height Outswing
2/6 - 10" Sidelites	54-11/16"	82"	80-5/8"	55-1/2"	82-1/2"	81"
2/6 - 12" Sidelites	58-11/16"	82"	80-5/8"	59-1/2"	82-1/2"	81"
2/6 - 14" Sidelites	62-11/16"	82"	80-5/8"	63-1/2"	82-1/2"	81"
2/8 - 10" Sidelites	56-11/16"	82"	80-5/8"	57-1/2"	82-1/2"	81"
2/8 - 12" Sidelites	60-11/16"	82"	80-5/8"	61-1/2"	82-1/2"	81"
2/8 - 14" Sidelites	64-11/16"	82"	80-5/8"	65-1/2"	82-1/2"	81"
2/10 - 10" Sidelites	58-11/16"	82"	80-5/8"	59-1/2"	82-1/2"	81"
2/10 - 12" Sidelites	62-11/16"	82"	80-5/8"	63-1/2"	82-1/2"	81"
2/10 - 14" Sidelites	66-11/16"	82"	80-5/8"	67-1/2"	82-1/2"	81"
3/0 - 10" Sidelites	60-11/16"	82"	80-5/8"	61-1/2"	82-1/2"	81"
3/0 - 12" Sidelites	64-11/16"	82"	80-5/8"	65-1/2"	82-1/2"	81"
3/0 - 14" Sidelites	68-11/16"	82"	80-5/8"	69-1/2"	82-1/2"	81"
3/6 - 10" Sidelites	66-11/16"	82"	80-5/8"	67-1/2"	82-1/2"	81"
3/6 - 12" Sidelites	70-11/16"	82"	80-5/8"	71-1/2"	82-1/2"	81"
3/6 - 14" Sidelites	74-11/16"	82"	80-5/8"	75-1/2"	82-1/2"	81"

For 8/0 height, add 16".

Single w/(2) Boxed Sidelites Transoms

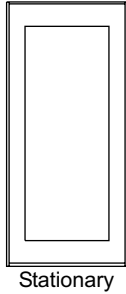


Size	Actual Unit Size			Rough Opening		
	Width	Height Inswing	Height Outswing	Width	Height Inswing	Height Outswing
3/0 - 12" Sidelites	64-11/16"	95-1/2"	94-1/8"	64-1/2"	96"	94-5/8"
3/0 - 14" Sidelites	68-11/16"	95-1/2"	94-1/8"	69-1/2"	96"	94-5/8"

Swing-In Replacement Height Patio Doors

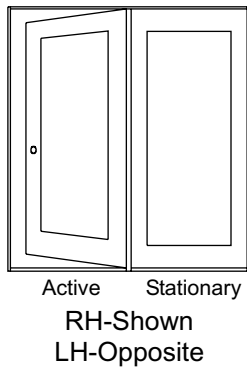
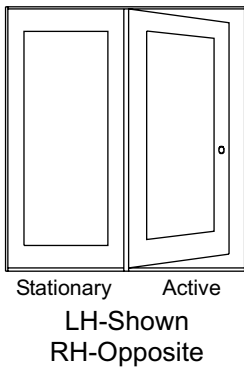
- Unit height is 79 1/2", rough opening height is 80"
- One panel hinged.
- Stationary extension units available (M.E.U.)

For 8/0 height
add 18-1/2".



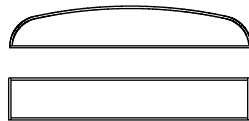
Multiple Extension Unit-Replacement Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/6	31-5/8"	79-1/2"	32-3/8"	80"
2/8	33-5/8"	79-1/2"	34-3/8"	80"
2/10	35-5/8"	79-1/2"	36-3/8"	80"
3/0	37-5/8"	79-1/2"	38-3/8"	80"



Hinged Inswing Patio-Replacement Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	62-13/16"	79-1/2"	63-5/8"	80"
5/4	66-13/16"	79-1/2"	67-5/8"	80"
5/8	70-13/16"	79-1/2"	71-5/8"	80"
6/0	74-13/16"	79-1/2"	75-5/8"	80"



Patio Transoms-Replacement Height

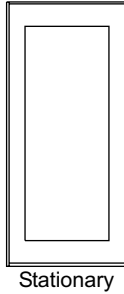
Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	62-13/16"	93"	63-5/8"	93-1/2"
5/4	66-13/16"	93"	67-5/8"	93-1/2"
5/8	70-13/16"	93"	71-5/8"	93-1/2"
6/0	74-13/16"	93"	75-5/8"	93-1/2"

1.6 Hinged Patio Doors (1- & 2-Panel Units)

Swing-In Full Height Patio Doors

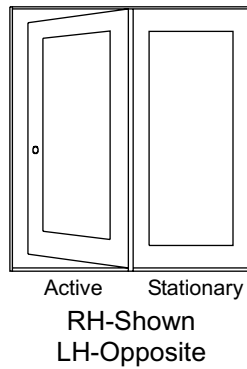
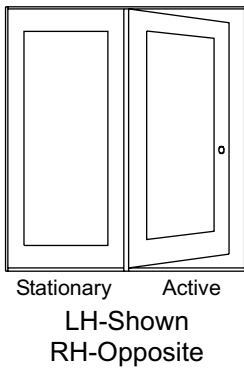
- Unit height is 82", rough opening height is 82 1/2"
- One panel hinged.
- Stationary extension units available (M.E.U.)

For 8/0 height
add 16".



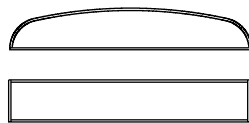
Multiple Extension Unit-Full Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/6	31-5/8"	82"	32-3/8"	82-1/2"
2/8	33-5/8"	82"	34-3/8"	82-1/2"
2/10*	35-5/8"	82"	36-3/8"	82-1/2"
3/0	37-5/8"	82"	38-3/8"	82-1/2"



Hinged Inswing Patio-Full Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	62-13/16"	82"	63-5/8"	82-1/2"
5/4	66-13/16"	82"	67-5/8"	82-1/2"
5/8*	70-13/16"	82"	71-5/8"	82-1/2"
6/0	74-13/16"	82"	75-5/8"	82-1/2"



Patio Transoms-Full Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	62-13/16"	95-1/2"	63-5/8"	96"
5/4	66-13/16"	95-1/2"	67-5/8"	96"
5/8*	70-13/16"	95-1/2"	71-5/8"	96"
6/0	74-13/16"	95-1/2"	75-5/8"	96"

* Not available in Fiber-Classic.

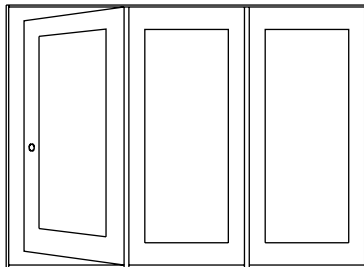
1.7 Hinged Triple Patio Doors

- Unit height is 79 1/2", rough opening height is 80".
- One panel hinged.

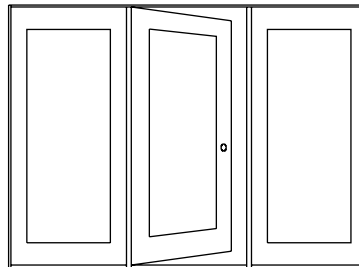
For 8/0 height
add 18-1/2".

Triple Inswing Patio-Replacement Height

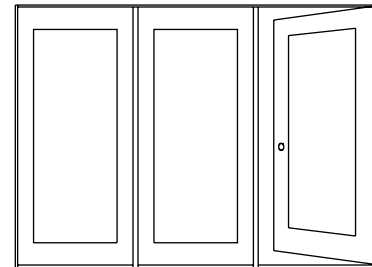
Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
7/6	93-31/32"	79-1/2"	94-3/4"	80"
8/0	99-31/32"	79-1/2"	100-3/4"	80"
8/6*	105-31/32"	79-1/2"	106-3/4"	80"
9/0	111-31/32"	79-1/2"	112-3/4"	80"



Active Stationary Stationary
RH-Shown
LH-Opposite



Stationary Active Stationary
LH-Shown
RH-Opposite



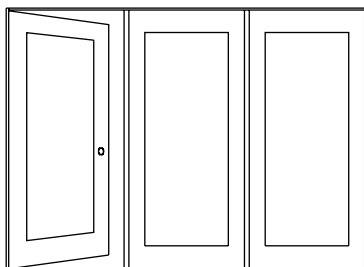
Stationary Stationary Active
RH-Shown
LH-Opposite

- Unit height is 82", rough opening height is 82 1/2".
- One panel hinged.

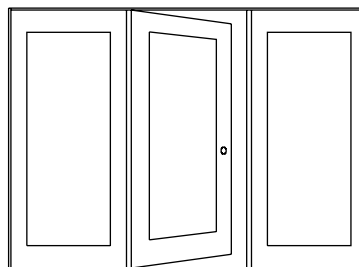
For 8/0 height
add 16".

Triple Inswing Patio-Full Height

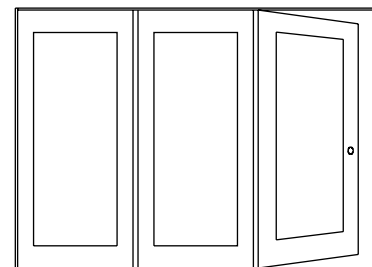
Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
7/6	93-31/32"	82"	94-3/4"	82-1/2"
8/0	99-31/32"	82"	100-3/4"	82-1/2"
8/6*	105-31/32"	82"	106-3/4"	82-1/2"
9/0	111-31/32"	82"	112-3/4"	82-1/2"



Active Stationary Stationary
LH-Shown
RH-Opposite



Stationary Active Stationary
LH-Shown
RH-Opposite

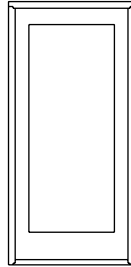


Stationary Stationary Active
LH-Shown
RH-Opposite

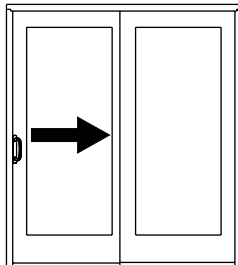
* Not available in Fiber-Classic.

1.8 Sliding Patio Units

- One panel slides.
- Stationary extension units available (M.E.U.)

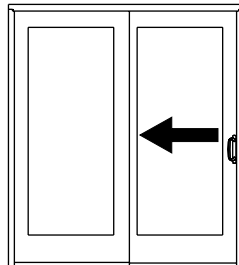


Stationary



Active Stationary

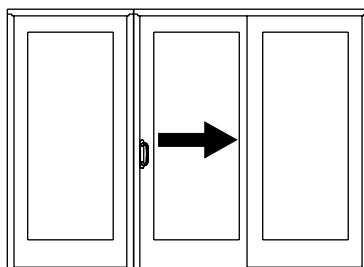
Active Left, Stationary
ALS



Stationary Active

Stationary, Active Right
SAR

View from Exterior



Stationary Active Stationary

LH w/MEU-Shown

Multiple Extension Unit-Replacement Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/6	32-3/8"	80"	32-7/8"	80-1/2"
3/0	38-3/8"	80"	38-7/8"	80-1/2"

Multiple Extension Unit-Full Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
2/6	32-3/8"	82-1/2"	32-7/8"	83"
3/0	38-3/8"	82-1/2"	38-7/8"	83"

Sliding Patio-Replacement Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	59-1/4"	80"	60"	80-1/2"
6/0	71-1/4"	80"	72"	80-1/2"

Sliding Patio-Full Height

Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	59-1/4"	82-1/2"	60"	83"
6/0	71-1/4"	82-1/2"	72"	83"

Sliding Patio w/MEU-Replacement Height

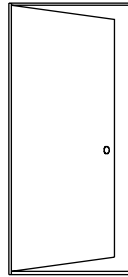
Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	91-5/8"	80"	92-1/2"	80-1/2"
6/0	109-5/8"	80"	110-1/2"	80-1/2"

Sliding Patio w/MEU-Full Height

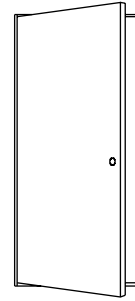
Size	Actual Unit Size		Rough Opening	
	Width	Height	Width	Height
5/0	91-5/8"	82-1/2"	92-1/2"	83"
6/0	109-5/8"	82-1/2"	110-1/2"	83"

1.9 Expandable Steel Frame

- 18-gauge steel.
- 90-minute Warnock-Hersey rating.
- Self-cased frame expands for walls 4 5/8" to 7 5/8" thick.
- Available with or without thresholds.



Inswing
LH-Shown
RH-Opposite



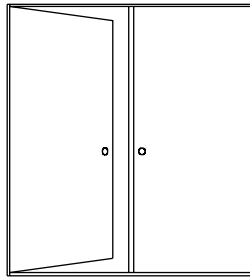
Outswing
RH-Shown
LH-Opposite

Single Expandable Steel Frame

For 7/0 height
add 4".

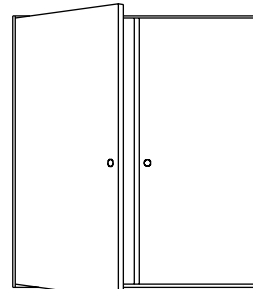
Size	Actual Unit Size		Drywall Rough Opening		Masonry Rough Opening	
	Width	Height	Width	Height	Width	Height
2/6	34-5/32"	82-1/4"	32-1/4"	81-1/4"	34-5/32"	82-1/4"
2/8	36-5/32"	82-1/4"	34-1/4"	81-1/4"	36-5/32"	82-1/4"
3/0	40-5/32"	82-1/4"	38-1/4"	81-1/4"	40-5/32"	82-1/4"

- 18-gauge steel.
- Self-cased frame expands for walls 4 5/8" to 7 5/8" thick.
- Available with or without thresholds.



Active Passive

Inswing
LH-Shown
RH-Opposite



Active Passive

Outswing
RH-Shown
LH-Opposite



Double doors
and frames are
not fire-rated.

Double Expandable Steel Frame

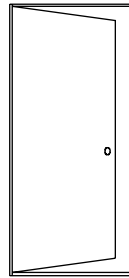
For 7/0 height
add 4".

Size	Actual Unit Size		Drywall Rough Opening		Masonry Rough Opening	
	Width	Height	Width	Height	Width	Height
5/0	64-5/16"	82-1/4"	62-1/4"	81-1/4"	64-5/16"	82-1/4"
5/4*	68-5/16"	82-1/4"	66-1/4"	81-1/4"	68-5/16"	82-1/4"
6/0*	76-5/16"	82-1/4"	74-1/4"	81-1/4"	76-5/16"	82-1/4"

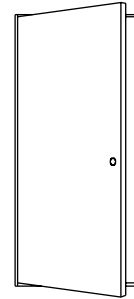
1.10 Split-Jamb Steel Frame

- 18-gauge jamb and 22-gauge closure.
- 90-minute Warnock-Hersey rating.
- Expands for walls 4" to 10 1/2" thick.

For 7/0 height
add 4".



Inswing
LH-Shown
RH-Opposite



Outswing
RH-Shown
LH-Opposite

Split-Jamb Steel Frame - Inswing/Outswing

Size	Actual Unit Size		Drywall Rough Opening		Masonry Rough Opening	
	Width	Height	Width	Height	Width	Height
2/6	33-9/32"	82-5/8"	31-1/2"	81-1/2"	33-9/32"	82-5/8"
2/8	35-9/32"	82-5/8"	33-1/2"	81-1/2"	35-9/32"	82-5/8"
3/0	39-9/32"	82-5/8"	37-1/2"	81-1/2"	39-9/32"	82-5/8"

Split-Jamb Steel Frame - Public Access

Size	Actual Unit Size		Drywall Rough Opening		Masonry Rough Opening	
	Width	Height	Width	Height	Width	Height
3/0	39-9/32"	81-7/8"	37-1/2"	81"	33-9/32"	81-7/8"

Split-Jamb Steel Frame - No Sill

Size	Actual Unit Size		Drywall Rough Opening		Masonry Rough Opening	
	Width	Height	Width	Height	Width	Height
2/6	33-9/32"	81-9/16"	31-1/2"	80-3/4"	33-9/32"	81-9/16"
2/8	35-9/32"	81-9/16"	33-1/2"	80-3/4"	35-9/32"	81-9/16"
3/0	39-9/32"	81-9/16"	37-1/2"	80-3/4"	39-9/32"	81-9/16"