

CGI® IMPACT RESISTANT
WINDOWS & DOORS

STRONG WINDOWS. STRONGER VALUE.

NOW YOU CAN.



SPARTA

CGIwindows.com

NOW YOU CAN.

STRONG IN CONSTRUCTION.

Built for heavy impact.

STRONG IN AFFORDABILITY.

A smart price for an exceptional product.

STRONG IN REPUTATION.

Built by CGI with an unmatched reputation.



SPARTA





WE'RE STRONGER™

SPARTA PW/4120A PICTURE WINDOW

CGI[®] STRENGTHENS HOMES, AGAIN.

PROTECTION. FOR ALL.

CGI[®] has long been on the forefront of protection. To better meet the needs of all of our customers, CGI is proud to offer Sparta, our all-new value-custom impact-resistant window line. Now you can be protected from the storm. Be impact resistant. All at a price that makes it easier than ever.



QUALITY

We create exceptionally built doors and windows. No corners cut. Ever.



PASSION

We have a passion for our products, for our partnerships, and for protecting those who rely on our products.



UNMATCHED PARTNERSHIP

We are more than a manufacturer: we are a partner, listening and responding to your needs.



WARRANTY PROTECTION

We're so confident in our product, we offer a limited but comprehensive warranty. Protecting your customers. Protecting you.



SPARTA FEATURES

- Powder-coat white- or bronze-finish
- Monolithic laminated glass – clear, gray, bronze, white interlayer, mist (pattern 62), energy coatings
- Stainless steel assembly screws
- 2" frame depth
- ½" front flange
- Design pressures up to +55/-65 PSF
- Exterior glazed
- Easy to install
- Florida Product Approval-HVHZ

STRENGTH.
BUILT FOR THOSE
WHO KNOW.



SPARTA SH4100A SINGLE HUNG



SPARTA SH4100A SINGLE HUNG

- $\frac{5}{16}$ " Laminated consisting of:
 - $\frac{1}{8}$ " Annealed – 0.090 PVB
 - $\frac{1}{8}$ " annealed
 - $\frac{1}{8}$ " HS – 0.090 PVB – $\frac{1}{8}$ " HS
- Single hung available in equal and oriel (Proview)
- Max size: $53\frac{1}{8}$ " x 78"
- Block and tackle balances
- CGI sweep lock
- Gasket seals at frame corners
- Optional integral fin frame

COMMODITY SIZES (FLANGE FRAME SIZES IN INCHES)

SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H
12	19 $\frac{1}{8}$	26	H32	26 1/2	26	22	37	26	32	53 $\frac{1}{8}$	26
13	19 $\frac{1}{8}$	38 $\frac{3}{8}$	H33	26 1/2	38 $\frac{3}{8}$	23	37	38 $\frac{3}{8}$	33	53 $\frac{1}{8}$	38 $\frac{3}{8}$
14	19 $\frac{1}{8}$	50 $\frac{5}{8}$	H34	26 1/2	50 $\frac{5}{8}$	24	37	50 $\frac{5}{8}$	34	53 $\frac{1}{8}$	50 $\frac{5}{8}$
15	19 $\frac{1}{8}$	63	H35	26 1/2	63	25	37	63	35	53 $\frac{1}{8}$	63
15EH*	19 $\frac{1}{8}$	63 $\frac{1}{8}$	H35EH*	26 1/2	63 $\frac{1}{8}$	25EH*	37	63 $\frac{1}{8}$	35EH*	53 $\frac{1}{8}$	63 $\frac{1}{8}$
16	19 $\frac{1}{8}$	76	H36	26 1/2	76	26	37	76	36	53 $\frac{1}{8}$	76

MODULAR (FLANGE FRAME SIZES IN INCHES)

SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H
2022	24	26	2822	32	26	3422	40	26	3822	44	26	4022	48	26
2033	24	38 $\frac{3}{8}$	2833	32	38 $\frac{3}{8}$	3433	40	38 $\frac{3}{8}$	3833	44	38 $\frac{3}{8}$	4033	48	38 $\frac{3}{8}$
2043	24	50 $\frac{5}{8}$	2843	32	50 $\frac{5}{8}$	3443	40	50 $\frac{5}{8}$	3843	44	50 $\frac{5}{8}$	4043	48	50 $\frac{5}{8}$
2053	24	63	2853	32	63	3453	40	63	3853	44	63	4053	48	63
2064	24	76	2864	32	76	3464	40	76	3864	44	76	4064	48	76

*EH meets 5.7 egress

NFRC CERTIFIED ENERGY VALUES							GRIDS		
Laminated		U Factor	SHGC	VT	U Factor	SHGC	VT		
$\frac{5}{16}$ "	Clear	1.02	.63	.72	1.02	.57	.64		
$\frac{5}{16}$ "	Gray	1.02	.52	.48	1.02	.47	.43		
$\frac{5}{16}$ "	Bronze	1.02	.55	.53	1.02	.50	.48		
$\frac{5}{16}$ "	Mist	1.02	.63	.72	1.02	.57	.64		
$\frac{5}{16}$ "	Clear LoE366	1.02	.29	.50	1.02	.26	.45		
$\frac{5}{16}$ "	Gray LoE366	1.02	.25	.34	1.02	.23	.30		
$\frac{5}{16}$ "	Bronze LoE366	1.02	.26	.38	1.02	.24	.34		
$\frac{5}{16}$ "	Mist LoE366	1.02	.29	.50	1.02	.26	.45		

Our Sparta line gives homeowners the peace of mind of protection, without compromising value. It provides the best of all worlds: Strength. Beauty. Value. No compromises.



SPARTA HR4110A HORIZONTAL ROLLER

- 5/16" Laminated consisting of:
 - 1/8" Annealed – 0.090 PVB – 1/8" annealed
 - 1/8" HS – 0.090 PVB – 1/8" HS
- Horizontal roller available in XO, OX, XOX-4, XOX-3 configurations
- Max sizes:
 - XO 74" x 63"
 - XOX3 111" x 63"
 - XOX4 111" x 43 1/2" or 74" x 63"
- *Coming Soon:*
XOX4 111" x 63"
- Brass rollers
- Gasket seals at frame corners
- Standard weep covers

COMMODITY SIZES (FLANGE FRAME SIZES IN INCHES)

*XOX configurations also available

SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H
H32	26 1/2	26	22	37	26	32	53 1/8	26	D22	74	26
H33	26 1/2	38 3/8	23	37	38 3/8	33	53 1/8	38 3/8	D23	74	38 3/8
H34	26 1/2	50 5/8	24	37	50 5/8	34	53 1/8	50 5/8	D24	74	50 5/8
H35	26 1/2	63	25	37	63	35	53 1/8	63	D25	74	63

MODULAR (FLANGE FRAME SIZES IN INCHES)

*XOX configurations also available

SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H	SIZE CODE	W	H
2022	24	26	3020	36	24	4020	48	24	4620	54	24	5020	60	24	5620	66	24	6020	72	24	6220	74	24
2033	24	38 3/8	3022	36	26	4022	48	26	4622	54	26	5022	60	26	5622	66	26	6022	72	26	6222	74	26
2034	24	50 5/8	3030	36	36	4030	48	36	4630	54	36	5030	60	36	5630	66	36	6030	72	36	6230	74	36
2043	24	63	3033	36	36 3/8	4033	48	38 3/8	4633	54	38 3/8	5033	60	38 3/8	5633	66	38 3/8	6033	72	38 3/8	6233	74	38 3/8
2020	24	24	3040	36	48	4040	48	48	4640	54	48	5040	60	48	5640	66	48	6040	72	48	6240	74	48
2030	24	36	3043	36	50 5/8	4043	48	50 5/8	4643	54	50 5/8	5043	60	50 5/8	5643	66	50 5/8	6043	72	50 5/8	6243	74	50 5/8
2040	24	48	3046	36	54	4046	48	54	4646	54	54	5046	60	54	5646	66	54	6046	72	54	6246	74	54
2050	24	60	3050	36	60	4050	48	60	4650	54	60	5050	60	60	5650	66	60	6050	72	60	6250	74	60
			3053	36	63	4053	48	63	4653	54	63	5053	60	63	5653	66	63	6053	72	63	6253	74	63

NFRC CERTIFIED ENERGY VALUES							GRIDS		
Laminated		U Factor	SHGC	VT	U Factor	SHGC	VT		
5/16"	Clear	1.05	.62	.71	1.05	.56	.63		
5/16"	Gray	1.05	.52	.47	1.05	.46	.42		
5/16"	Bronze	1.05	.54	.53	1.05	.49	.47		
5/16"	Mist	1.05	.62	.71	1.05	.56	.63		
5/16"	Clear LoE366	1.05	.29	.49	1.05	.26	.44		
5/16"	Gray LoE366	1.05	.25	.33	1.05	.22	.30		
5/16"	Bronze LoE366	1.05	.26	.37	1.05	.23	.33		
5/16"	Mist LoE366	1.05	.29	.49	1.05	.26	.44		



SPARTA PW/AR4120A PICTURE WINDOW

- 7/16" Laminated consisting of:
 - 3/16" Annealed – 0.090 PVB – 3/16" annealed
 - 3/16" HS – 0.090 PVB – 3/16" HS
- Max size: 32 sq. ft. – 48" x 96"
- Silicone-sealed corners
- Architectural windows available in half-circle, eyebrow, half-eyebrow, arch, and trapezoid
- Optional integral fin frame



SERIES PW4120A FIXED LITE (PW)

TYPE	W	H		W	H
Min Flange size	14 1/4	11 1/4	OR	11 1/4	14 1/4
Max Flange size	48	96	OR	96	48
Min Integral Fin size	13 1/4	10 1/4	OR	10 1/4	13 1/4
Max Integral Fin size	47	95	OR	95	47

AR4120A

TYPE	MIN FLANGE SIZE			MAX FLANGE SIZE	
	W	H	LEG HEIGHT	W	H
Half-Circle	24	12		96	48
Eyebrow (Arch Top Fixed)	24	12	6	48	96
Half-Eyebrow (Half-Arch)	14 1/4	14 1/4	8	48	96
Arch (Tombstone)	24	18		48	96
Trapezoid	14 1/4	12	6	48	96

MIN INTEGRAL FIN SIZE			MAX INTEGRAL FIN SIZE	
W	H	LEG HEIGHT	W	H
23	11		95	47
23	11	5	47	95
13 1/4	13 1/4	7	47	95
23	17		47	95
13 1/4	11	5	47	95

NFRC CERTIFIED ENERGY VALUES				GRIDS			
Laminated		U Factor	SHGC	VT	U Factor	SHGC	VT
5/16"	Clear	1.01	0.70	0.81	1.01	0.64	0.73
5/16"	Gray	1.01	0.58	0.54	1.01	0.53	0.49
5/16"	Bronze	1.01	0.61	0.60	1.01	0.55	0.54
5/16"	Mist	1.01	0.70	0.81	1.01	0.64	0.73
5/16"	Clear LoE366	1.01	0.32	0.56	1.01	0.29	0.50
5/16"	Gray LoE366	1.01	0.27	0.38	1.01	0.25	0.34
5/16"	Bronze LoE366	1.01	0.29	0.42	1.01	0.26	0.38
5/16"	Mist LoE366	1.01	0.32	0.56	1.01	0.29	0.50

ENERGY VALUES (NFRC APPROVED)				GRIDS			
Laminated		U Factor	SHGC	VT	U Factor	SHGC	VT
7/16"	Clear	1.01	0.68	0.80	1.01	0.61	0.72
7/16"	Gray	1.01	0.53	0.45	1.01	0.48	0.41
7/16"	Bronze	1.01	0.56	0.52	1.01	0.51	0.47
7/16"	Mist	1.01	0.68	0.80	1.01	0.61	0.72
7/16"	Clear LoE366	1.01	0.33	0.56	1.01	0.30	0.50
7/16"	Gray LoE366	1.01	0.27	0.32	1.01	0.25	0.29
7/16"	Bronze LoE366	1.01	0.28	0.36	1.01	0.26	0.32
7/16"	Mist LoE366	1.01	0.33	0.56	1.01	0.30	0.50

BE PREPARED.

NOW YOU CAN.

At CGI, it is part of our mission to help keep our neighbors safe and help build peace of mind. With CGI Sparta, we are proud to provide more people access to exceptional windows.



SPARTA

SPARTA SH4100A SINGLE HUNG



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**Impact Resistant
Windows & Doors**
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