

1-13/16"	Insulating Unit

														Constru	icted with	a 5/16" g	lass outboo	ard and 1/4	" middle a	nd inboard	all glass j	fully temp	ered (FT)														
			Height 24" 36" 48" 60" 72" 84" 96" 108" 120" 132" 144" 15														e ll							-													
		24"		36	5"	48	8"	6	0"	7.	2"	- 84	ļ"	9	5"	108"		120"				144"		156"		168"		180)")2"	20	4"	216"		228	8"
	sart data	ction	ine	ction	ine	ctio	i.	tio	ii.	ctio	ine	ction	ine	ction	i.	ction	ine	ction	ine	ction	ine	ction	ine	ction	ine	ctio	ii.	ctio	i.	ction	ine	ction	ine	ctio	in e	ctio	ine
Wind Load	Width (Base)	efle	ight	efle	ight	efle	ight	efle	ight	efle	ightl	efle	ight	efle	ightl	efle	ightl	efle	ightl	efle	ight	efle	ight	efle	ightl	efle	ight	efle	ight	efle	ight	efle	ight	efle	ightl	efle	ightl
	24"	0.00"	1"	0.00"	3/4"	0.02"	3/4"	0.03"	3/4"	0.04"	3/4"	0.04"	3/4"	0.04"	3/4"	0.04"	5/8"	0.04"	5/8"	0.04"	5/8"	0.05"	5/8"	0.05"	5/8"	0.05"	5/8"	0.05"	5/8"	0.05"	5/8"	0.12"	5/8"	0.13"	5/8"	0.15"	5/8"
	36"	0.00"	3/4"	0.07"	7/8"	0.10"	3/4"	0.14"	3/4"	0.17"	3/4"	0.19"	5/8"	0.21"	5/8"	0.21"	5/8"	0.21"	5/8"	0.21"	5/8"	0.21"	5/8"	0.21"	5/8"	0.21"	5/8"	0.21"	5/8"	0.21"	5/8"	0.27"	5/8"	0.30"	5/8"	0.34"	5/8"
	48"	0.02"	3/4"	0.10"	3/4"	0.21"	3/4"	0.28"	3/4"	0.34"	3/4"	0.40"	3/4"	0.46"	3/4"	0.50"	3/4"	0.53"	3/4"	0.56"	3/4"	0.58"	3/4"	0.60"	3/4"	0.62"	3/4"	0.63"	3/4"	0.64"	3/4"	0.51"	3/4"	0.63"	3/4"	0.61"	3/4"
	60"	0.03"	3/4"	0.14"	3/4"	0.28"	3/4"	0.40"	7/8"	0.49"	7/8"	0.59"	7/8"	0.68"	7/8"	0.77"	7/8"	0.84"	7/8"	0.92"	7/8"	0.98"	7/8"	1.05"	7/8"	1.11"	7/8"	1.17"	7/8"	1.22"	7/8"	1.14"	7/8"	1.42"	3/4"	1.45"	3/4"
psf	72"	0.04"	3/4"	0.17"	3/4"	0.34"	3/4"	0.49"	7/8"	0.62"	7/8"	0.74"	7/8"	0.86"	7/8"	0.98"	7/8"	1.09"	7/8"	1.20"	7/8"	1.31"	7/8"	1.42"	7/8"	1.53"	7/8"	1.63"	7/8"	1.74"	7/8"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"
09	84"	0.04"	3/4"	0.19"	5/8"	0.40"	3/4"	0.59"	7/8"	0.74"	7/8"	0.86"	1"	1.00"	1"	1.14"	1"	1.28"	1"	1.42"	1"	1.56"	1"	1.70"	1"	1.84"	1"	1.98"	1"	2.13"	1"	>1.57"	1"	>1.57"	1"	>1.57"	1"
	96"	0.04"	3/4"	0.21"	5/8"	0.46"	3/4"	0.68"	7/8"	0.86"	7/8"	1.00"	1"	1.12"	1-1/8"	1.28"	1-1/8"	1.43"	1-1/8"	1.59"	1-1/8"	1.74"	1-1/8"	1.90"	1-1/8"	2.07"	1"	2.23"	1"	2.41"	1"	>1.57"	1"	>1.57"	1"	>1.57"	1"
	108"	0.04"	5/8"	0.21"	5/8"	0.50"	3/4"	0.77"	7/8"	0.98"	7/8"	1.14"	1"	1.28"	1-1/8"	1.39"	1-1/8"	1.56"	1-1/8"	1.73"	1-1/8"	1.90"	1-1/8"	2.07"	1-1/8"	2.24"	1-1/8"	2.42"	1-1/8"	2.61"	1-1/8"	>1.57"	1-1/8"	>1.57"	1-1/8"	>1.57"	1-1/8"
	120"	0.04"	5/8"	0.21"	5/8"	0.53"	3/4"	0.84"	7/8"	1.09"	7/8"	1.28"	1"	1.43"	1-1/8"	1.56"	1-1/8"	1.67"	1-1/4"	1.85"	1-1/4"	2.02"	1-1/4"	2.20"	1-1/4"	2.39"	1-1/4"	2.57"	1-1/4"	2.77"	1-1/4"	>1.57"	1-1/4"	>1.57"	1-1/4"	>1.57"	1-1/4"
	132"	0.04"	5/8"	0.21"	5/8"	0.56"	3/4"	0.92"	7/8"	1.20"	7/8"	1.42"	1"	1.59"	1-1/8"	1.73"	1-1/8"	1.85"	1-1/4"	1.96"	1-3/8"	2.14"	1-3/8"	2.32"	1-3/8"	2.51"	1-3/8"	2.70"	1-3/8"	2.90"	1-3/8"	>1.57"	1-3/8"	>1.57"	1-3/8"	>1.57"	1-3/8"
	24"	0.00"	1"	0.00"	3/4"	0.01"	3/4"	0.02"	3/4"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.04"	5/8"	0.04"	5/8"	0.04"	5/8"	0.04"	5/8"	0.04"	5/8"	0.04"	5/8"	0.10"	5/8"	0.11"	5/8"	0.12"	5/8"
	36"	0.00"	3/4"	0.06"	3/4"	0.08"	3/4"	0.12"	5/8"	0.14"	5/8"	0.16"	5/8"	0.17"	5/8"	0.18"	5/8"	0.18"	5/8"	0.18"	5/8"	0.18"	5/8"	0.17"	5/8"	0.17"	5/8"	0.17"	5/8"	0.18"	5/8"	0.23"	5/8"	0.25"	5/8"	0.28"	5/8"
	48"	0.01"	3/4"	0.08"	3/4"	0.18"	3/4"	0.24"	3/4"	0.30"	5/8"	0.35"	5/8"	0.40"	5/8"	0.43"	5/8"	0.46"	5/8"	0.48"	5/8"	0.50"	5/8"	0.51"	5/8"	0.52"	5/8"	0.53"	5/8"	0.54"	5/8"	0.55"	5/8"	0.50"	5/8"	0.54"	5/8"
	60"	0.02"	3/4"	0.12"	5/8"	0.24"	3/4"	0.35"	3/4"	0.44"	3/4"	0.53"	3/4"	0.61"	3/4"	0.68"	3/4"	0.75"	3/4"	0.81"	3/4"	0.87"	3/4"	0.92"	3/4"	0.97"	3/4"	1.02"	3/4"	1.06"	3/4"	1.03"	3/4"	1.19"	3/4"	1.22"	3/4"
psf	72"	0.03"	5/8"	0.14"	5/8"	0.30"	5/8"	0.44"	3/4"	0.55"	7/8"	0.67"	7/8"	0.78"	7/8"	0.88"	7/8"	0.99"	3/4"	1.08"	3/4"	1.18"	3/4"	1.27"	3/4"	1.37"	3/4"	1.46"	3/4"	1.55"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"
50	84"	0.03"	5/8"	0.16"	5/8"	0.35"	5/8"	0.53"	3/4"	0.67"	7/8"	0.78"	7/8"	0.91"	7/8"	1.04"	7/8"	1.17"	7/8"	1.29"	7/8"	1.42"	7/8"	1.54"	7/8"	1.67"	7/8"	1.79"	7/8"	1.92"	7/8"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"
	96"	0.03"	5/8"	0.17"	5/8"	0.40"	5/8"	0.61"	3/4"	0.78"	7/8"	0.91"	7/8"	1.02"	1"	1.17"	1"	1.31"	1"	1.46"	1"	1.60"	1"	1.75"	1"	1.89"	1"	2.04"	1"	2.20"	1"	>1.57"	1"	>1.57"	1"	>1.57"	1"
	108"	0.03"	5/8"	0.18"	5/8"	0.43"	5/8"	0.68"	3/4"	0.88"	7/8"	1.04"	7/8"	1.17"	1"	1.28"	1"	1.44"	1"	1.59"	1"	1.75"	1"	1.91"	1"	2.07"	1"	2.23"	1"	2.40"	1"	>1.57"	1"	>1.57"	1"	>1.57"	1"
	120"	0.03"	5/8"	0.18"	5/8"	0.46"	5/8"	0.75"	3/4"	0.99"	3/4"	1.17"	7/8"	1.31"	1"	1.44"	1"		1-1/8"	1.71"		1.88"	1-1/8"		1-1/8"		1-1/8"		1-1/8"	2.56"	1-1/8"						1-1/8"
	132"	0.04"	5/8"	0.18"	5/8"	0.48"	5/8"	0.81"	3/4"	1.08"	3/4"	1.29"	7/8"	1.46"	1"	1.59"	1"		1-1/8"		1-1/8"	1.99"	1-1/8"		1-1/8"		1-1/8"	_	1-1/8"	2.70"	1-1/8"		1-1/8"		1-1/8"		1-1/8"
	24"	0.00"	7/8"	0.00"	3/4"	0.00"	5/8"	0.02"	5/8"	0.02"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.03"	5/8"	0.08"	5/8"	0.09"	5/8"	0.10"	5/8"
	36"	0.00"	3/4"	0.04"	3/4"	0.06"	5/8"	0.09"	5/8"	0.11"	5/8"	0.13"	5/8"	0.14"	5/8"	0.14"	5/8"	0.14"	5/8"	0.14"	5/8"	0.14"	5/8"	0.14"	1/2"	0.14"	1/2"	0.14"	1/2"	0.14"	1/2"	0.18"	1/2"	0.20"	1/2"	0.23"	1/2"
	48"	0.00"	5/8"	0.06"	5/8"	0.15"	5/8"	0.20"	5/8"	0.25"	5/8"	0.29"	5/8"	0.33"	5/8"	0.36"	5/8"	0.39"	5/8"	0.40"	5/8"	0.42"	5/8"	0.42"	5/8"	0.43"	5/8"	0.43"	5/8"	0.44"	5/8"	0.43"	5/8"	0.40"	5/8"	0.45"	5/8"
4-	60"	0.02"	5/8"	0.09"	5/8"	0.20"	5/8"	0.30"	5/8"	0.38"	5/8"	0.45"	5/8"	0.52"	5/8"	0.59"	5/8"	0.65"	5/8"	0.70"	5/8"	0.74"	5/8"	0.79"	5/8"	0.82"	5/8"	0.86"	5/8"	0.89"	5/8"	0.85"	5/8"	0.97"	5/8"	1.01"	5/8"
sd C	72"	0.02"	5/8"	0.11"	5/8"	0.25"	5/8"	0.38"	5/8"	0.48"	3/4"	0.58"	3/4"	0.68"	3/4"	0.78"	3/4"	0.87"	3/4"	0.95"	3/4"	1.03"	3/4"	1.11"	3/4"	1.19"	3/4"	1.26"	3/4"	1.34"	3/4"	1.49"	3/4"	>1.57"	3/4"	1.55"	3/4"
4	84"	0.03" 0.03"	5/8" 5/8"	0.13" 0.14"	5/8"	0.29" 0.33"	5/8"	0.45"	5/8"	0.58"	3/4"	0.69"	3/4"	0.81"	3/4"	0.93"	3/4"	1.04"	3/4"	1.15"	3/4"	1.26"	3/4"	1.37"	3/4"	1.48"	3/4"	1.58"	3/4"	1.69"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4 7/0"
	96" 108"	0.03"	5/8"	0.14"	5/8" 5/8"	0.36"	5/8" 5/8"	0.52" 0.59"	5/8" 5/8"	0.68" 0.78"	3/4" 3/4"	0.81" 0.93"	3/4" 3/4"	0.92" 1.05"	7/8" 7/8"	1.05"	7/8" 7/8"	1.18" 1.30"	7/8" 7/8"	1.31" 1.44"	7/8" 7/8"	1.44" 1.58"	7/8" 7/8"	1.57" 1.73"	7/8" 7/8"	1.70" 1.87"	7/8" 7/8"	1.83" 2.02"	7/8" 7/8"	1.96"	7/8" 7/8"	>1.57"	7/8" 7/8"	>1.57" >1.57"	7/8" 7/8"	>1.57" >1.57"	7/8"
	120"	0.03"	5/8"	0.14"	5/8"	0.39"	5/8"	0.59	5/8"	0.78	3/4"	1.04"	3/4"	1.18"	7/8"	1.15" 1.30"	7/8"	1.40"	7/8 1"	1.55"	//o 1"	1.71"	7/8 1"	1.75	//o 1"	2.01"	//8 1"	2.02	//o 1"	2.17" 2.33"	7/8 1"	>1.57" >1.57"	7/8 1"	>1.57"	7/8 1"	>1.57"	//O 1"
	132"	0.03"	5/8"	0.14"	5/8"	0.39	5/8"	0.70"	5/8"	0.87	3/4"	1.15"	3/4"	1.31"	7/8"	1.44"	7/8"	1.55"	1"	1.65"	1"	1.81"	1"	1.97"	1"	2.13"	1"	2.17	1"	2.33	1"	>1.57"	1"	>1.57"	1"	>1.57"	1"
	24"	0.00"	7/8"	0.00"	3/4"	0.00"	5/8"	0.70	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.02"	5/8"	0.06"	1/2"	0.07"	1/2"	0.07"	1/2"
	36"	0.00"	3/4"	0.00"	5/8"	0.00"	5/8"	0.01	1/2"	0.02	1/2"	0.02	1/2"	0.02	1/2"	0.02	1/2"	0.02	1/2"	0.02	1/2"	0.02	1/2"	0.02	1/2"	0.10"	1/2"	0.02	1/2"	0.02	1/2"	0.00	1/2"	0.15"	1/2"	0.07	1/2"
	48"	0.00"	5/8"	0.04"	5/8"	0.11"	5/8"	0.00	5/8"	0.19"	1/2"	0.23"	1/2"	0.26"	1/2"	0.28"	1/2"	0.30"	1/2"	0.32"	1/2"	0.32"	1/2"	0.33"	1/2"	0.33"	1/2"	0.33"	1/2"	0.33"	1/2"	0.13	1/2"	0.13	1/2"	0.34"	1/2"
	60"	0.01"	5/8"	0.06"	1/2"	0.15"	5/8"	0.24"	5/8"	0.31"	5/8"	0.37"	5/8"	0.43"	5/8"	0.48"	5/8"	0.53"	5/8"	0.57"	5/8"	0.60"	5/8"	0.64"	1/2"	0.66"	1/2"	0.69"	1/2"	0.71"	1/2"	0.60"	1/2"	0.77"	1/2"	0.77"	1/2"
St	72"	0.02"	5/8"	0.08"	1/2"	0.19"	1/2"	0.31"	5/8"	0.41"	5/8"	0.49"	5/8"	0.57"	5/8"	0.65"	5/8"	0.73"	5/8"	0.80"	5/8"	0.86"	5/8"	0.93"	5/8"	0.99"	5/8"	1.04"	5/8"	1.10"	5/8"	1.22"	5/8"	1.31"	5/8"	1.30"	5/8"
0	84"	0.02"	5/8"	0.09"	1/2"	0.23"	1/2"	0.37"	5/8"	0.49"	5/8"	0.59"	5/8"	0.69"	5/8"	0.79"	5/8"	0.89"	5/8"	0.98"	5/8"	1.08"	5/8"	1.17"	5/8"	1.26"	5/8"	1.34"	5/8"	1.43"	5/8"	1.43"	5/8"	>1.57"	5/8"	>1.57"	5/8"
(1)	96"	0.02"	5/8"	0.10"	1/2"	0.26"	1/2"	0.43"	5/8"	0.57"	5/8"	0.69"	5/8"	0.79"	3/4"	0.91"	3/4"	1.02"	3/4"	1.14"	3/4"	1.25"	3/4"	1.36"	3/4"	1.47"	3/4"	1.58"	3/4"	1.69"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"
	108"	0.02"	5/8"	0.11"	1/2"	0.28"	1/2"	0.48"	5/8"	0.65"	5/8"	0.79"	5/8"	0.91"	3/4"	1.01"	3/4"	1.13"	3/4"	1.26"	3/4"	1.38"	3/4"	1.51"	3/4"	1.64"	3/4"	1.76"	3/4"	1.89"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"
	120"	0.02"	5/8"	0.11"	1/2"	0.30"	1/2"	0.53"	5/8"	0.73"	5/8"	0.89"	5/8"	1.02"	3/4"	1.13"	3/4"	1.23"	3/4"	1.37"	3/4"	1.50"	3/4"	1.64"	3/4"	1.77"	3/4"	1.91"	3/4"	2.05"	3/4"	>1.57"	3/4"	>1.57"	'	>1.57"	3/4"
	132"	0.02"	5/8"	0.11"	1/2"	0.32"	1/2"	0.57"	5/8"	0.80"	5/8"	0.98"	5/8"	1.14"	3/4"	1.26"	3/4"		3/4"	1.46"	7/8"	1.60"	7/8"	1.75"	7/8"	1.89"	7/8"	2.04"	7/8"	2.18"	7/8"	>1.57"	7/8"	>1.57"	'	>1.57"	7/8"
			-,-	Valu	ues are for	vertically in	nstalled glo	ass. Deflect	ion is cente	er of glass b	ased on AS	TM E1300 a	nd is calcu	lated using	Window G	lass Desig	n (WGD5) a	nd Advance	d Window	Glass Desig	(v3.0.1.0). Sightlin	e is for struc	cturally gla	zed units bo	ased on AST	M C1249. V	Vhen conve	ntionally o	glazed, the	minimum s	iahtline is :	1/2".				