



1-1/8" Insulating Unit  Constructed with two plies of 5/16" heat strengthened (HS) glass  Height																																						
		24	24" 36" 48"					6	0"	7	72" 84"			96	."	108"		Height			132" 144"			156"		168"		180"		10	192"		204"		16"	2:	228"	
		L.		u.	-:	5		uc		5		5		5		u u		5	-:	5	-	5		5		5	-:	5		5		5		5		5		
Wind Load	Width (Base)	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline	Deflectic	Sightline	Deflection	Sightline	Deflection	Sightline	Deflection	Sightline																			
	24"	0.00"	1"	0.00"	3/4"	0.02"	3/4"	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"	0.04"	5/8"	0.04"	5/8"	0.04"	5/8"	0.04"	5/8"	0.11"	5/8"	0.12"	5/8"	0.14"	5/8"	
60 psf	36"	0.00"	3/4"	0.06"	3/4"	0.09"	5/8"	0.13"	5/8"	0.16"	5/8"	0.18"	5/8"	0.19"	5/8"	0.20"	5/8"	0.20"	5/8"	0.20"	5/8"	0.20"	5/8"	0.19"	5/8"	0.19"	5/8"	0.19"	5/8"	0.20"	5/8"	0.25"	5/8"	0.28"	5/8"	0.31"	5/8"	
	48"	0.02"	3/4"	0.09"	5/8"	0.19"	5/8"	0.26"	5/8"	0.32"	5/8"	0.38"	5/8"	0.43"	5/8"	0.47"	5/8"	0.50"	5/8"	0.52"	5/8"	0.54"	5/8"	0.56"	5/8"	0.57"	5/8"	0.58"	5/8"	0.59"	5/8"	0.53"	5/8"	0.50"	5/8"	0.59"	5/8"	
	60"	0.03"	5/8"	0.13"	5/8"	0.26"	5/8"	0.37"	3/4"	0.47"	5/8"	0.56"	5/8"	0.65"	5/8"	0.73"	5/8"	0.80"	5/8"	0.87"	5/8"	0.86"	5/8"	0.97"	5/8"	1.00"	5/8"	1.09"	5/8"	0.95"	5/8"	1.13"	5/8"	FT req.	5/8"	FT req.	5/8"	
	72"	0.03"	5/8"	0.16"	5/8"	0.32"	5/8"	0.47"	5/8"	0.59"	3/4"	0.71"	3/4"	0.82"	3/4"	0.93"	3/4"	1.04"	3/4"	1.15"	3/4"	1.25"	3/4"	1.24"	3/4"	1.40"	3/4"	FT req.	3/4"	FT req.	3/4"	FT req.	3/4"	FT req.	3/4"	FT req.	3/4"	
	84" 96"	0.04" 0.04"	5/8" 5/8"	0.18" 0.19"	5/8" 5/8"	0.38" 0.43"	5/8" 5/8"	0.56" 0.65"	5/8" 5/8"	0.71" 0.82"	3/4"	0.82" 0.96"	3/4"	0.96" 1.08"	3/4" 7/8"	1.10" 1.23"	3/4" 7/8"	1.23" 1.38"	3/4" 7/8"	1.36" 1.53"	3/4" 7/8"	1.48" >1.57"	3/4" 7/8"	>1.57" >1.57"	3/4" 7/8"	>1.57" >1.57"	3/4" 7/8"	FT req.	3/4" 7/8"	FT req.	3/4"	FT req.	3/4"	FT req.	3/4"	FT req.	3/4" 7/8"	
	108"	0.04"	5/8"	0.19	5/8"	0.43	5/8"	0.63	5/8"	0.82	3/4" 3/4"	1.10"	3/4" 3/4"	1.08	7/8"	1.23	7/8"	1.56"	7/8"	>1.55	7/8"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"	FT req. FT req.	7/8"	FT req.	7/8" 7/8"	FT req.	7/8" 7/8"	FT req. FT req.	7/8" 7/8"	FT req.	7/8"	
	120"	0.04"	5/8"	0.20"	5/8"	0.50"	5/8"	0.73	5/8"	1.04"	3/4"	1.23"	3/4"	1.38"	7/8"	1.56"	7/8"	>1.50	7/8 1"	>1.57"	1"	>1.57"	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	
	132"	0.04"	5/8"	0.20"	5/8"	0.52"	5/8"	0.87"	5/8"	1.15"	3/4"	1.36"	3/4"	1.53"	7/8"	>1.57"	7/8"	>1.57"	1"	>1.57"	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	FT req.	1"	
	24"	0.00"	7/8"	0.00"	3/4"	0.01"	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"	0.03"	5/8"	0.09"	5/8"	0.10"	5/8"	0.11"	5/8"	
	36"	0.00"	3/4"	0.05"	3/4"	0.08"	5/8"	0.11"	5/8"	0.13"	5/8"	0.15"	1/2"	0.16"	1/2"	0.16"	1/2"	0.17"	1/2"	0.16"	1/2"	0.16"	1/2"	0.16"	1/2"	0.16"	1/2"	0.16"	1/2"	0.16"	1/2"	0.21"	1/2"	0.23"	1/2"	0.26"	1/2"	
50 psf	48"	0.01"	5/8"	0.08"	5/8"	0.17"	5/8"	0.22"	5/8"	0.28"	5/8"	0.33"	5/8"	0.37"	5/8"	0.41"	5/8"	0.43"	5/8"	0.45"	5/8"	0.47"	5/8"	0.48"	1/2"	0.49"	1/2"	0.49"	1/2"	0.50"	1/2"	0.41"	1/2"	0.50"	1/2"	0.48"	1/2"	
	60"	0.02"	5/8"	0.11"	5/8"	0.22"	5/8"	0.33"	5/8"	0.42"	5/8"	0.50"	5/8"	0.57"	5/8"	0.65"	5/8"	0.71"	5/8"	0.77"	5/8"	0.82"	5/8"	0.87"	5/8"	0.86"	5/8"	0.95"	5/8"	0.98"	5/8"	0.93"	5/8"	1.06"	5/8"	1.07"	5/8"	
	72"	0.03"	5/8"	0.13"	5/8"	0.28"	5/8"	0.42"	5/8"	0.53"	5/8"	0.64"	5/8"	0.74"	5/8"	0.84"	5/8"	0.94"	5/8"	1.03"	5/8"	1.12"	5/8"	1.05"	5/8"	1.22"	5/8"	1.35"	5/8"	1.41"	5/8"	1.53"	5/8"	FT req.	5/8"	FT req.	5/8"	
	84"	0.03"	5/8"	0.15"	1/2"	0.33"	5/8"	0.50"	5/8"	0.64"	5/8"	0.75"	3/4"	0.87"	3/4"	1.00"	3/4"	1.12"	3/4"	1.24"	3/4"	1.36"	3/4"	1.47"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	FT req.	3/4"	FT req.	3/4"	
	96"	0.03"	5/8"	0.16"	1/2"	0.37"	5/8"	0.57"	5/8"	0.74"	5/8"	0.87"	3/4"	0.98"	3/4"	1.12"	3/4"	1.26"	3/4"	1.40"	3/4"	1.54"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	FT req.	3/4"	FT req.	3/4"	
	108"	0.03"	5/8"	0.16"	1/2"	0.41"	5/8"	0.65"	5/8"	0.84"	5/8"	1.00"	3/4"	1.12"	3/4"	1.23"	3/4"	1.38"	3/4"	1.54"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	FT req.	3/4"	FT req.	3/4"	
	120"	0.03"	5/8"	0.17"	1/2"	0.43"	5/8"	0.71"	5/8"	0.94"	5/8"	1.12"	3/4"	1.26"	3/4"	1.38"	3/4"	1.49"	7/8"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"	FT req.	7/8"	FT req.	7/8"	FT req.	7/8"	FT req.	7/8"	
	132"	0.03"	5/8"	0.16"	1/2" 3/4"	0.45"	5/8"	0.77"	5/8"	1.03"	5/8"	1.24"	3/4"	1.40"	3/4"	1.54"	3/4"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"	>1.57"	7/8"	FT req.	7/8"	FT req.	7/8"	FT req.	7/8"	FT req.	7/8"	FT req.	7/8"	
40 psf	24" 36"	0.00" 0.00"	7/8" 3/4"	0.00" 0.04"	3/4 5/8"	0.00" 0.06"	5/8" 5/8"	0.01" 0.08"	5/8" 1/2"	0.02" 0.10"	5/8" 1/2"	0.02" 0.12"	5/8" 1/2"	0.02" 0.13"	5/8" 1/2"	0.02" 0.13"	5/8" 1/2"	0.02" 0.13"	5/8" 1/2"	0.03" 0.13"	5/8" 1/2"	0.03" 0.13"	5/8" 1/2"	0.03" 0.13"	5/8" 1/2"	0.03" 0.13"	5/8" 1/2"	0.03" 0.13"	5/8" 1/2"	0.03" 0.13"	5/8" 1/2"	0.07" 0.17"	5/8" 1/2"	0.08" 0.19"	5/8" 1/2"	0.09" 0.21"	5/8" 1/2"	
	48"	0.00"	5/8"	0.04	5/8"	0.00	5/8"	0.08	1/2"	0.10	1/2"	0.12	1/2"	0.13	1/2"	0.13	1/2"	0.13	1/2"	0.13	1/2"	0.13	1/2"	0.13	1/2"	0.13	1/2"	0.13	1/2"	0.13	1/2"	0.17	1/2"	0.19	1/2"	0.21	1/2"	
	60"	0.01"	5/8"	0.08"	1/2"	0.14"	1/2"	0.28"	5/8"	0.36"	5/8"	0.43"	1/2"	0.49"	1/2"	0.56"	1/2"	0.61"	1/2"	0.66"	1/2"	0.70"	1/2"	0.74"	1/2"	0.77"	1/2"	0.81"	1/2"	0.83"	1/2"	0.75"	1/2"	0.87"	1/2"	0.87"	1/2"	
	72"	0.02"	5/8"	0.10"	, 1/2"	0.23"	1/2"	0.36"	5/8"	0.46"	5/8"	0.56"	, 5/8"	0.65"	, 5/8"	0.74"	5/8"	0.82"	, 5/8"	0.91"	, 5/8"	0.98"	, 5/8"	1.06"	5/8"	1.13"	, 5/8"	1.20"	5/8"	1.20"	5/8"	1.31"	5/8"	1.39"	5/8"	1.44"	, 5/8"	
	84"	0.02"	5/8"	0.12"	1/2"	0.27"	1/2"	0.43"	1/2"	0.56"	5/8"	0.66"	5/8"	0.77"	5/8"	0.89"	5/8"	1.00"	5/8"	1.10"	5/8"	1.21"	5/8"	1.31"	5/8"	1.41"	5/8"	1.51"	5/8"	1.48"	5/8"	>1.57"	5/8"	>1.57"	5/8"	>1.57"	5/8"	
	96"	0.02"	5/8"	0.13"	1/2"	0.31"	1/2"	0.49"	1/2"	0.65"	5/8"	0.77"	5/8"	0.88"	5/8"	1.01"	5/8"	1.13"	5/8"	1.26"	5/8"	1.38"	5/8"	1.51"	5/8"	1.63"	5/8"	1.75"	5/8"	>1.57"	5/8"	>1.57"	5/8"	>1.57"	5/8"	>1.57"	5/8"	
	108"	0.02"	5/8"	0.13"	1/2"	0.34"	1/2"	0.56"	1/2"	0.74"	5/8"	0.89"	5/8"	1.01"	5/8"	1.11"	3/4"	1.25"	3/4"	1.39"	3/4"	1.52"	3/4"	1.66"	3/4"	1.80"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	
	120"	0.02"	5/8"	0.13"	1/2"	0.36"	1/2"	0.61"	1/2"	0.82"	5/8"	1.00"	5/8"	1.13"	5/8"	1.25"	3/4"	1.35"	3/4"	1.50"	3/4"	1.64"	3/4"	1.79"	3/4"	>1.57"	3/4"	>1.57"		>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	
	132"	0.03"	5/8"	0.13"	1/2"	0.38"	1/2"	0.66"	1/2"	0.91"	5/8"	1.10"	5/8"	1.26"	5/8"	1.39"	3/4"	1.50"	3/4"	1.60"	3/4"	>1.57"	_	>1.57"		>1.57"	3/4"	>1.57"		>1.57"	3/4"	>1.57"	3/4"	>1.57"	3/4"	FT req.	3/4"	
30 psf	24"	0.00"	7/8"	0.00"	5/8"	0.00"	5/8"	0.01"	5/8"	0.01"	5/8"	0.02"	5/8"	0.02"	5/8"	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"	0.05"	1/2"	0.06"	1/2"	0.07"	1/2"	
	36"	0.00"	5/8"	0.00"	5/8"	0.04"	1/2"	0.06"	1/2"	0.07"	1/2"	0.09"	1/2"	0.09"	1/2"	0.10"	1/2"	0.10"	1/2"	0.10"	1/2"	0.10"	1/2"	0.10"	1/2"	0.09"	1/2"	0.10"	1/2"	0.10"	1/2"	0.12"	1/2"	0.14"	1/2"	0.15"	1/2"	
	48"	0.00"	5/8"	0.04"	1/2"	0.10"	1/2"	0.14"	1/2"	0.18"	1/2"	0.21"	1/2"	0.24"	1/2"	0.26"	1/2"	0.28"	1/2"	0.29"	1/2"	0.30"	1/2"	0.30"	1/2"	0.31"	1/2"	0.31"	1/2"	0.31"	1/2"	0.26"	1/2"	0.31"	1/2"	0.29"	1/2"	
	60" 72"	0.01" 0.01"	5/8" 5/8"	0.06" 0.07"	1/2" 1/2"	0.14" 0.18"	1/2" 1/2"	0.23" 0.29"	1/2" 1/2"	0.29" 0.38"	1/2" 1/2"	0.35" 0.46"	1/2" 1/2"	0.40" 0.54"	1/2" 1/2"	0.45" 0.62"	1/2" 1/2"	0.50" 0.69"	1/2" 1/2"	0.54" 0.76"	1/2" 1/2"	0.57" 0.82"	1/2" 1/2"	0.60" 0.88"	1/2" 1/2"	0.62" 0.93"	1/2" 1/2"	0.64" 0.99"	1/2" 1/2"	0.66" 1.04"	1/2" 1/2"	0.61" 1.04"	1/2" 1/2"	0.60" 1.12"	1/2" 1/2"	0.68" 0.94"	1/2" 1/2"	
	84"	0.01	5/8"	0.07	1/2"	0.18	1/2"	0.25"	1/2"	0.38	1/2"	0.56"	1/2"	0.66"	1/2"	0.02	1/2"	0.85"	1/2"	0.70	1/2"	1.03"	1/2"	1.11"	1/2"	1.20"	1/2"	1.28"	1/2"	1.36"	1/2"	1.39"	1/2"	1.44"	1/2"	1.57"	1/2"	
	96"	0.02"	5/8"	0.09"	1/2"	0.24"	1/2"	0.40"	1/2"	0.54"	1/2"	0.66"	1/2"	0.76"	5/8"	0.70	5/8"	0.98"	5/8"	1.09"	5/8"	1.20"	5/8"	1.30"	5/8"	1.41"	5/8"	1.51"	5/8"	1.62"	5/8"	>1.57"	5/8"	>1.57"	5/8"	>1.57"	5/8"	
	108"	0.02"	1/2"	0.10"	1/2"	0.26"	1/2"	0.45"	1/2"	0.62"	1/2"	0.76"	1/2"	0.87"	5/8"	0.97"	5/8"	1.09"	5/8"	1.21"	5/8"	1.33"	5/8"	1.45"	5/8"	1.57"	5/8"	1.69"	5/8"	1.82"	5/8"	>1.57"	5/8"	>1.57"	5/8"	>1.57"	5/8"	
	120"	0.02"	1/2"	0.10"	1/2"	0.28"	1/2"	0.50"	1/2"	0.69"	1/2"	0.85"	1/2"	0.98"	5/8"	1.09"	5/8"	1.18"	5/8"	1.31"	5/8"	1.45"	5/8"	1.58"	5/8"	1.71"	5/8"	1.84"	5/8"	1.98"	5/8"	>1.57"	5/8"	>1.57"	5/8"	>1.57"	5/8"	
	132"	0.02"	1/2"	0.10"	1/2"	0.29"	1/2"	0.54"	1/2"	0.76"	1/2"	0.94"	1/2"	1.09"	5/8"	1.21"	5/8"	1.31"	5/8"	1.41"	5/8"	1.55"	5/8"	1.69"	5/8"	1.83"	5/8"	1.97"	5/8"	2.11"	5/8"	>1.57"	5/8"	>1.57"	5/8"	>1.57"	5/8"	
				Val	ues are for	vertically in	stalled ald	ass. Deflect	ion is cente	er of alass b		TM E1300 a		lated usina	Window G	lass Desiai		nd Advance	d Window	Glass Desig	n (v3.0.1.0	). Sightline	is for struc	cturally gla	zed units b	ased on AS	TM C1249.	When conv	entionally	alazed, the	minimum :	siahtline is	1/2"					