

Series 3800-T Fixed Window w/Casement/Awning inserts

Specifications:

AAMA/WDMA/CSA/IS101/A440-08 CSA A440S1-09 (Non-Impact)
TAS 201,202,203 ([FL-14904](#), [FL-14907](#) HVHZ)
ASTM 1886e/1996e ([FL-14904](#), [FL-14907](#) Impact Non-HVHZ)

Frame:

- Block or Nail Fin frames
- No Corner Configurations
- No Intersecting TDL/Mullion bars
- Outside Glazed Only
- Single and Multi Casement / Awning Frames
- Unlimited Frame Width (maximum c/l width 42" x height 84") (any combination of Casement, or Fixed lites)
[FL-14904.14](#)

Single 250-T Casement Insert ([FL-14904.13](#))

- Maximum frame size: 42" x 65" (4-Bar Hinges) DP +65 / -65
- Maximum frame size: 42" x 84" (S.S. Butt Hinges) DP +65 / -65

250-T Awning Insert ([FL-14907.9](#))

- Maximum Frame Size: 42" x 84" (4-Bar Hinges) DP +65 / -65
- Maximum Frame Size: 65" x 42" (4-Bar Hinges) DP +65 / -65

Multi Casement/Awning Frames[FL-14904.14](#) , [FL-14904.18](#) , [FL-14907.13](#)

- Unlimited Frame width x maximum height 84" (maximum c/l – 42") DP +65 / -65 (**4-SS Butt Hinges, Casements Only**) [FL-14904.14](#)
- Unlimited Frame width x maximum height 65" (maximum c/l – 42") DP +65 / -65 (**4 Bar / 4-SS Butt Hinges, Casements Only**) [FL-14904.14](#)
- Unlimited Frame width x maximum height 50" (maximum c/l – 42") DP +65 / -65 (**4 Bar / 2 - SS Butt Hinges, Casements Only**) [FL-14904.14](#)
- Frame (width 42" x height 180") any combination of Casement, Awning or Fixed lites (maximum c/l 83") DP +65 / -65, [FL-14904.18](#) , [FL-14907.13](#)

Locks:

- Multi-point Locks Or Cam Handle Locks
(Cam handle locks can be used in conjunction with or in lieu of Multi-point Locks)

Handles:

- Cam Handles Or Roto Operators

Hinges:

- 4 - S.S. Butt Hinges: Panel Height <=84" (with Snubbers)
- 2 - S.S. Butt Hinges: Panel Height <=50" (with Snubbers)
- 2 - 4-Bar Hinges: Panel Height <=65" (with Snubbers)

Glazing Options:

HVHZ / Impact Non-HVHZ:

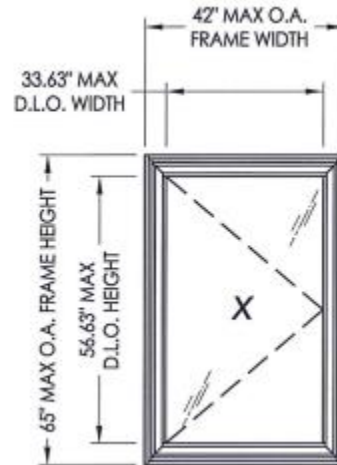
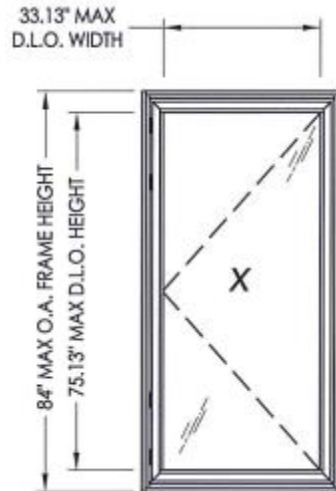
- G1. 1.25" IG: 6mm-t/space/Lami(3mm/.090SGP/3mm)
- G2. 1.25" IG: Lami(3mm/.090SGP/3mm)/space/6mm-T
- G3. 9/16": Lami(6mm/.090SGP/6mm)
- G4. 5/16": Lami(3mm/.090SGP/3mm)
- G5. 1.25" IG: Lami(3mm/.090SGP/3mm)/space/5mm-T

Non-Impact:

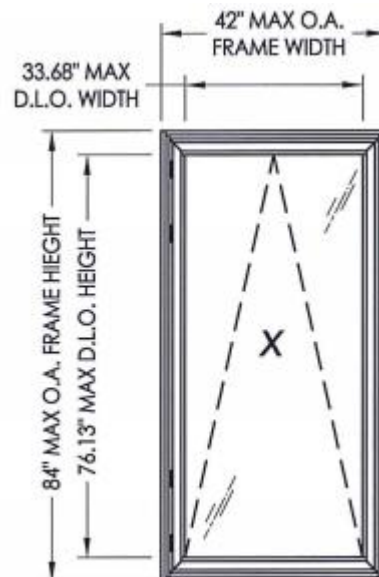
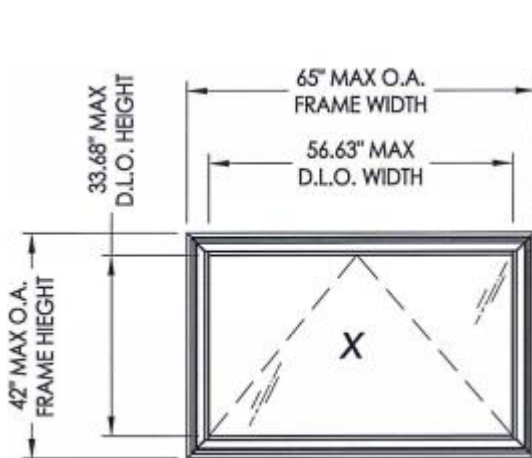
- 1" IG: 6mm-R/space/6mm-R

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Sample Illustration: **Single 250-T Casement / Awning Inserts**



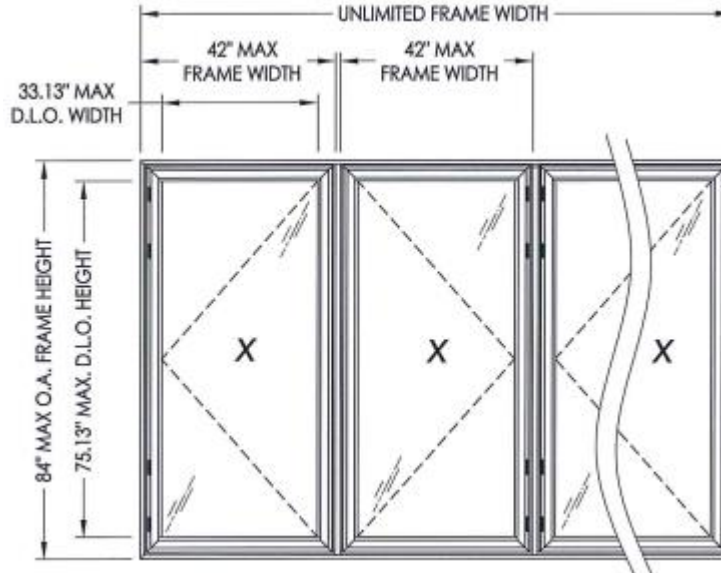
OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
44.5" X 67.5"	42" X 65"	33.63" X 56.63"		+65.0	-65.0
44.5" X 86.5"	42" X 84"	33.13" X 75.13"		+65.0	-65.0



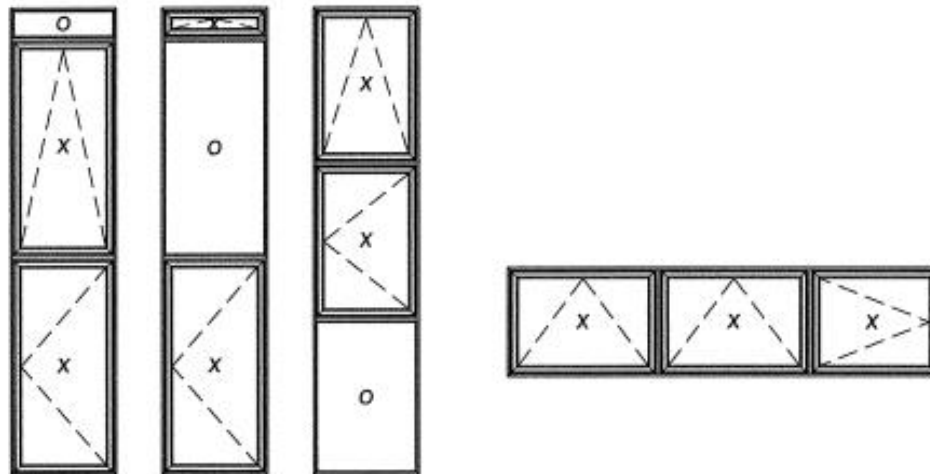
OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
44.5" X 86.5"	42" X 84"	33.68" X 76.13"		+65.0	-65.0
44.5" X 47.5"	42" X 45"	33.68" X 37.88"		+65.0	-65.0
67.5" X 44.5"	65" X 42"	56.63" X 33.68"		+65.0	-65.0

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Sample Illustration: Multi Casement/Awning Frames



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
UNLIMITED X 67.5"	UNLIMITED X 65"	33.63" X 56.63"		+65.0	-65.0
UNLIMITED X 86.5"	UNLIMITED X 84"	33.13" X 75.13"		+65.0	-65.0

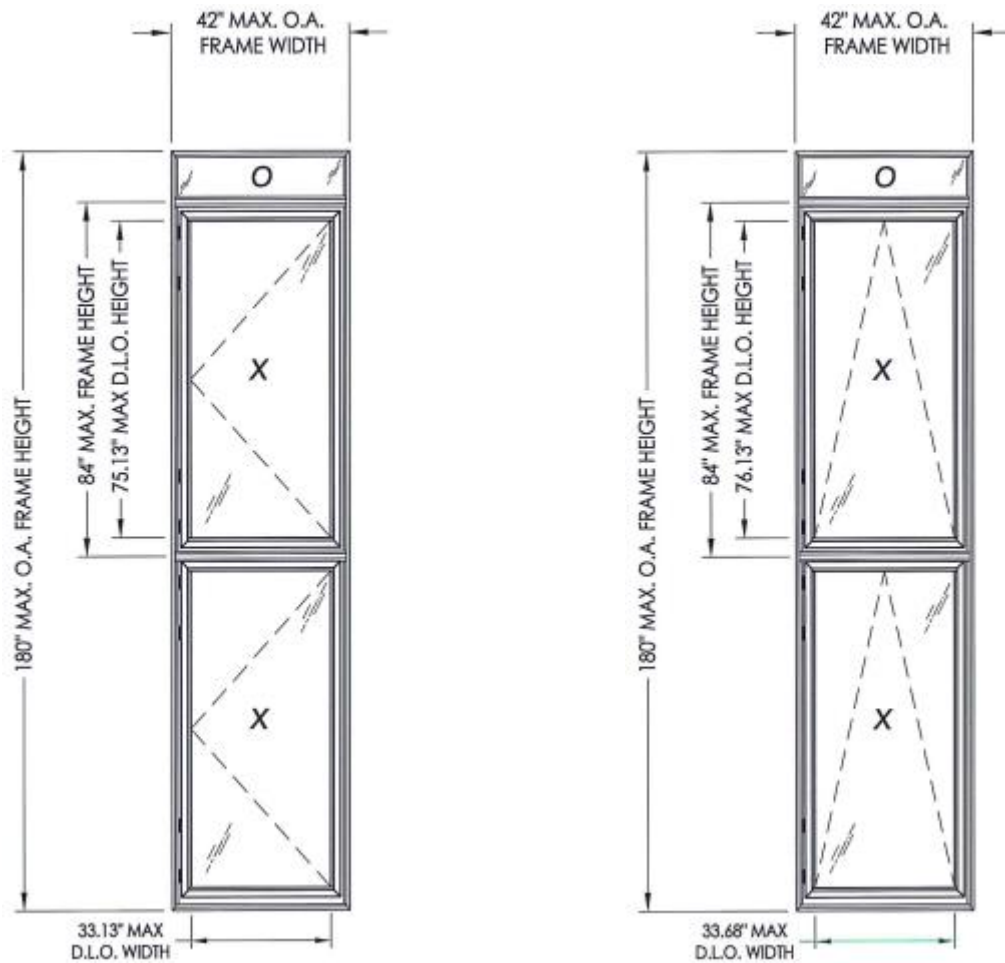


OPTIONAL CONFIGURATIONS

NOTE: Any combination of awning, casement or fixed windows configurations are allowed. Do not exceed the maximum frame size or daylight openings as shown in this approval or with the separate corresponding awning approval.

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Sample Illustration: Multi Casement/Awning Frames



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
44.5" X 182.5"	42.0" X 180.0"	33.13" X 75.13" (X)		+65.0	-65.0
		39.0" X 81.63" (O)			