



## Series 3800-T Window Casement / Awning Inserts Ratings Summary

### **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)

### **Single 350-T Casement Insert** ([FL-14904.12](#))

- Maximum frame size: 44.38" x 86.38" – DP+65/-65 (4-Bar Hinges or S.S. Butt Hinges)

### **350-T Awning Insert** ([FL-14907.3](#))

- Maximum Frame Size: 44" x 84" – DP +65/-65 (4-Bar Hinges)
- Maximum Frame Size: 65" x 42" – DP +65/-65 (4-Bar Hinges)

### **Multi-Casement/Awning Frames**

- Frame (width 42" x height 180") any combination of Casement, Awning or Fixed lites (maximum c/l 84") DP +65/-65, [FL-14904.7](#) , [FL-14907.4](#)
- Frame (width 44.38" x height 180") any combination of Casement, Awning or Fixed lites (maximum c/l 84") DP +65/-65, [FL-14904.13](#)
- Unlimited Frame width x maximum height 84" (maximum c/l – 42") DP +65/-65 (See Hinges, Casements Only) [FL-14904.6](#)

### **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-Bar Hinges: Panel Height <=65" (with Snubbers)
- S.S. Butt Hinges (2): Panel Height <=50" (with Snubbers)
- S.S. Butt Hinges (4): Panel Height <=84.38" (with Snubbers)

### **Glazing Options:**

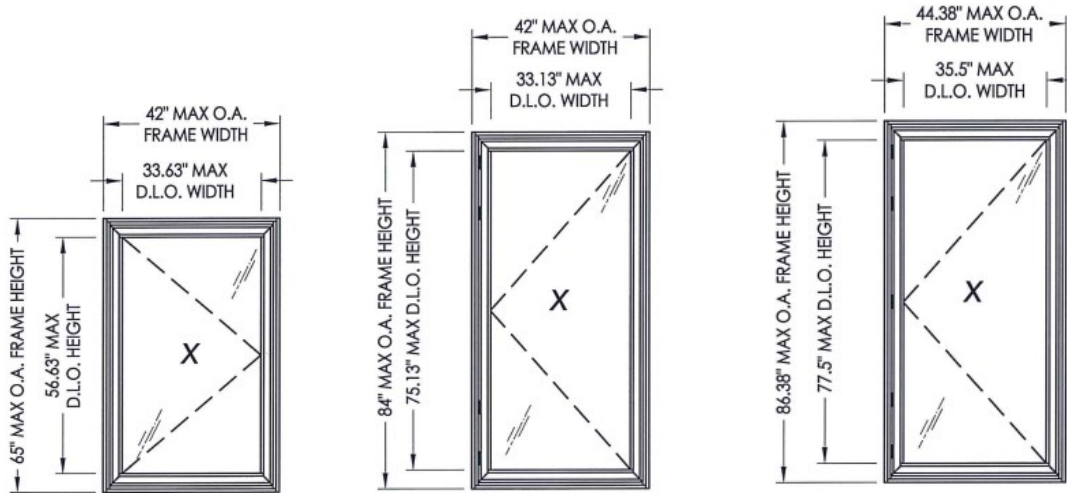
#### HVHZ / Impact Non-HVHZ:

1.25" IG: 6mm-T/space/(3mm/.090 SGP/3mm-R)  
1.25" IG: 6mm-T/space/(5mm/.090 SGP/5mm-R)  
9/16" MONO: 6mm/.090 SGP/6mm-R or HS

#### Non-Impact:

1" or 1.25" IG: 6mm-R/space/6mm-R  
1" or 1.25" IG: 5mm-T/space/5mm-T (DP +50/-50)

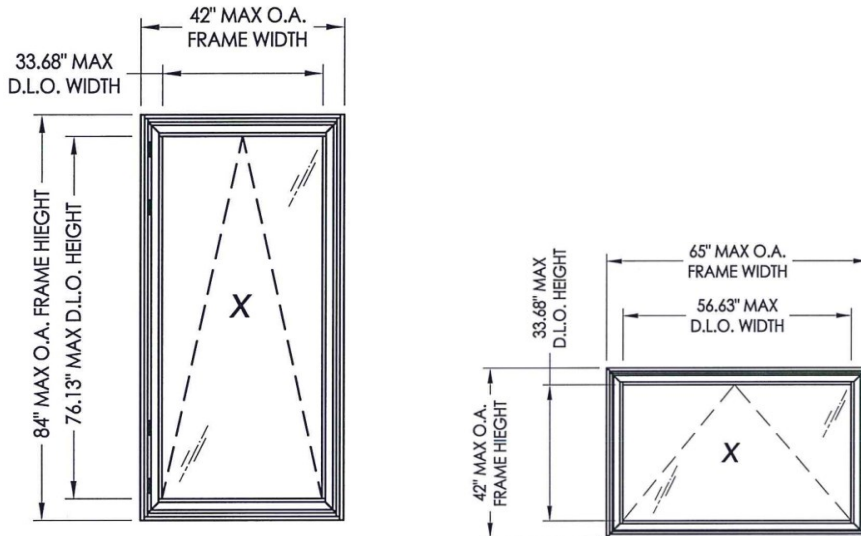
Sample Illustration: **Single 350-T Casement Inserts**



	Dry Glaze			Wet Glaze	
	4-Bar	Butt Hinge (2)	Butt Hinge (4)	4-Bar	Butt Hinge (4)
MAX FRAME DIMENSIONS	42.0" X 65.0"	42.0" X 52.31"	42.0" X 84.0"	44.38" X 86.38"	44.38" X 86.38"
MAX VENT SIZE	40.13" X 63.13"	39.63" X 49.94"	39.63" X 81.63"	42.0" X 84"	42.0" X 84"
DESIGN PRESSURE	+65 / -65	+65 / -65	+65 / -65	+65 / -65	+65 / -65

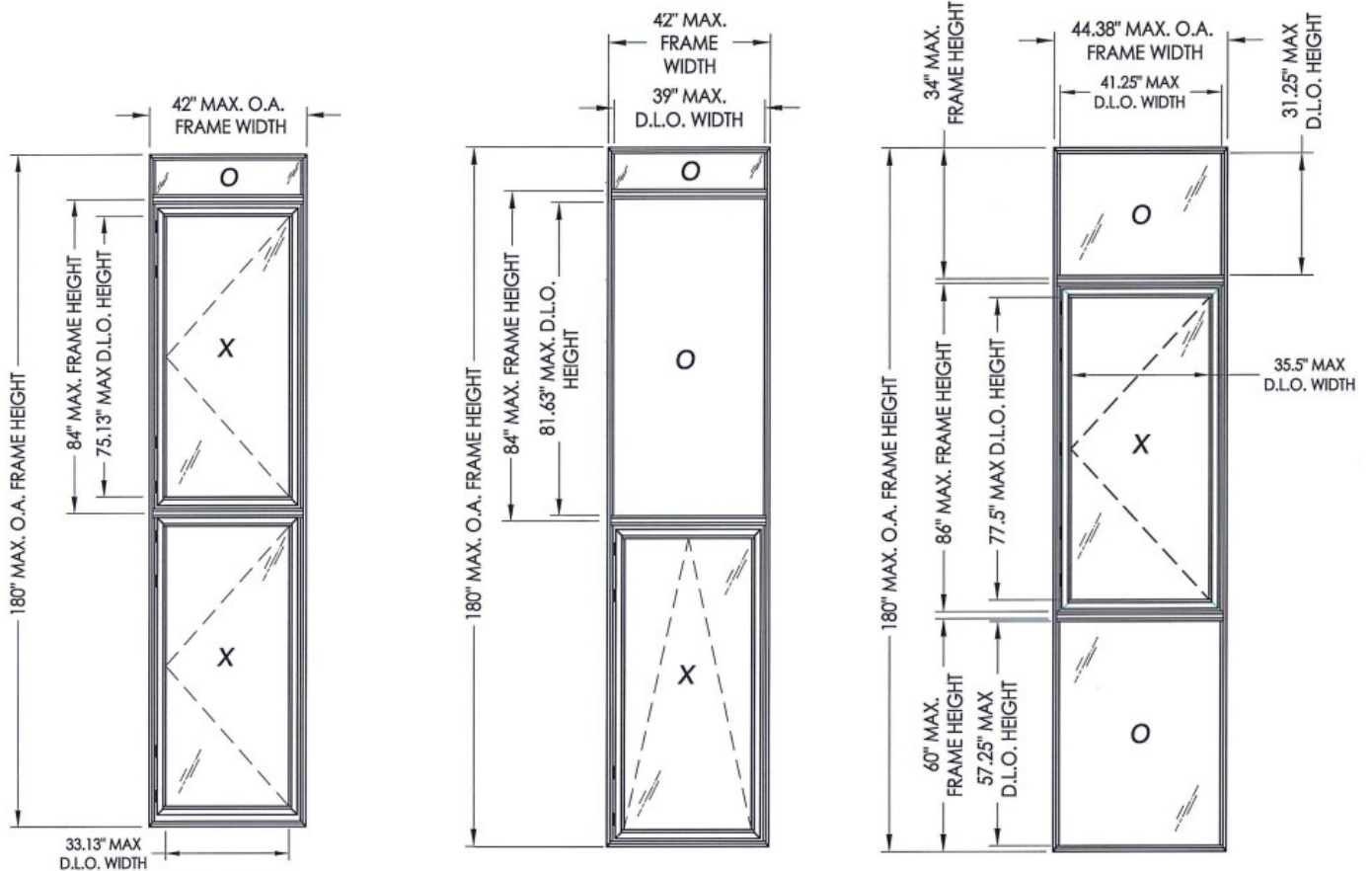
[FL-14904.5](#), [FL-14904.12](#)

Sample Illustration: **Single 350-T Awning Inserts**



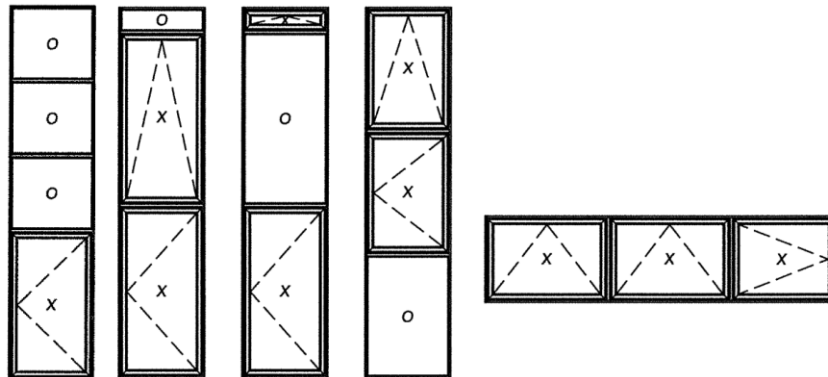
	4-Bar	4-Bar
MAX FRAME DIMENSIONS	42.0" X 65.0"	65" X 42.0"
MAX VENT SIZE	40.13" X 63.13"	40.13" X 63.13"
DESIGN PRESSURE	+65 / -65	+65 / -65

Sample Illustration: Multi Casement/Awning Frames (TDL)



	Dry Glaze			Wet Glaze	
	4-Bar	Butt Hinge (2)	Butt Hinge (4)	4-Bar	Butt Hinge (4)
MAX FRAME DIMENSIONS	42" X 180"	42.0" X 180"	42.0" X 180"	44.38" X 180"	44.38" X 180"
MAX VENT SIZE	40.13" X 63.13"	39.63" X 49.94"	39.63" X 81.63"	42.0" X 84"	42.0" X 84"
DESIGN PRESSURE	+65 / -65	+65 / -65	+65 / -65	+65 / -65	+65 / -65

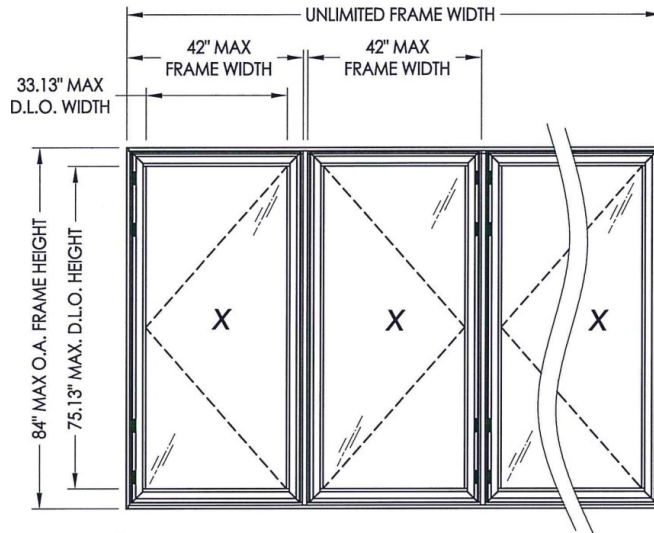
[FL-14904.7](#), [FL-14904.13](#)



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.

Sample Illustration: **Multi Casement/Awning Frames (TDL)**



	4-Bar	Butt Hinge (2)	Butt Hinge (4)
MAX FRAME DIMENSIONS	UNLIMITED X 65"	UNLIMITED X 50"	UNLIMITED X 84.38"
MAX VENT SIZE	40.13" X 63.13"	39.63" X 49.94"	39.63" X 81.63"
DESIGN PRESSURE	+65 / -65	+65 / -65	+65 / -65

[FL-14904.6](#)