

# Curries Installation Instructions

## General Information

- 1) Product is qualified for Large and Small Missile Impact unless noted
- 2) Not approved for Water Infiltration unless noted
- 3) Product meets the requirements of the High Velocity Hurricane Zone
- 4) Substitution of hardware components must comply with the Florida Building Code

## Hardware

Assembly Ref.	Rating (Ibf/ft <sup>2</sup> )	Opening Size	Door Series	Door Face	Hardware	Notes
A	50	8'0" x 8'0"	707	Louver	Sargent 10 line or 6500 Series Cylindrical with Sargent 480 Series Deadbolt and Ives 360 (12") surface bolts on each leaf	Anemostat FPL2 Louver per leaf
B	57.2	4'0" x 7'0"	747	Flush	Sargent HC8800 Rim Exit	
C	60	6'0" x 7'0"	707	Flush	Sargent 8200 Mortise with Deadbolt and Ives 360 (12") Surface Bolts on inactive leaf	surface bolt head reinforcement: 12 gauge minimum x 16"
D	62	8'0" x 8'0"	747	Flush	HC8700 Ext Device on both leaves	1 anchor per leaf in head, 16" from center
E	72	3'0" x 7'0"	707	Half Glass	Sargent 8200 Mortise, Sargent 10 Line Cylindrical, or Schlage D Series Cylindrical	12" x 12" minimum window; 24" x 32" maximum window
F	80	3'0" x 7'0"	707	Flush	Sargent 8900 Mortise Exit Device	7 gauge strike reinforcement
G	85	3'0" x 7'0"	707	Flush	Sargent 6500 Cylindrical Lock	
H	100	3'0" x 7'0"	707	Flush	Sargent 8200 Mortise with Deadbolt	7 gauge strike reinforcement

## Doors

- 1) Curries Embossed or CURRIStain doors may be used when a 707 is specified
- 2) Curries single doors as shown in the drawings are qualified as outswing only
- 3) Minimum 18 gauge (0.041") cold rolled, galvanized, or stainless steel doors unless noted
- 4) Minimum 16 gauge (0.053") end channels unless noted
- 5) Minimum 14 gauge (0.073") lock channel and hinge channel unless noted

## Frames

- 1) KD mitered or welded three-sided door frames may be used
- 2) Minimum 16 gauge (0.053") frames unless noted
- 3) Frame jamb depth: 5-3/4" through 14" unless noted
- 4) Jamb face dimension: 2"; head face dimension: 2" through 4" unless noted
- 5) Minimum 7 gauge (0.171") hinge reinforcement unless noted

## Thresholds and Weatherstrip

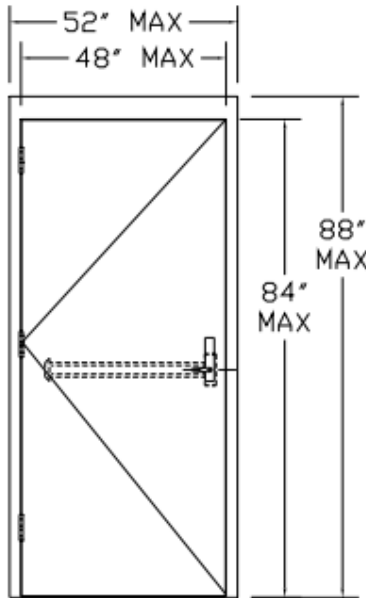
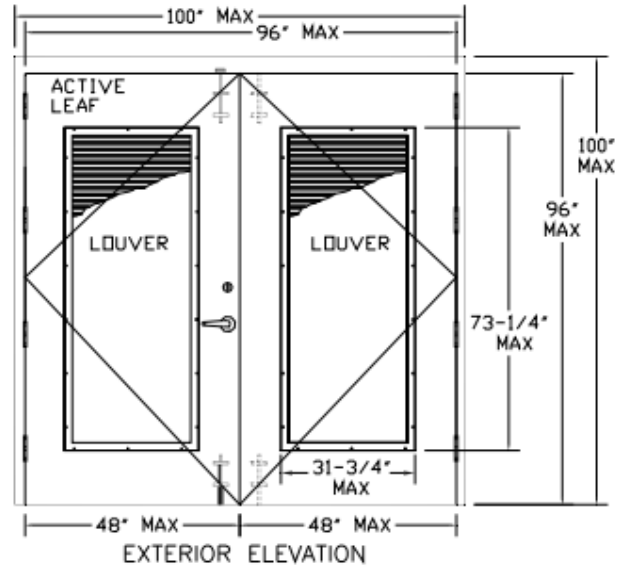
- 1) Thresholds: Pemko Part Number 2005
- 2) Weatherstrip: Pemko Part Numbers S88, 303 (use 303 with continuous hinges)
- 3) Reference UL ZHLA.12 for allowable thresholds and weatherstrip

## Tested Protocols Used

- 1) TAS 201-94, Impact Test Procedures
- 2) TAS 202-94, Criteria for Testing Impact and Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure
- 3) TAS 203-94, Criteria For Testing Products Subject to Cyclic Wind Pressure Loading

Assembly A

- 1) Head reinforcement required for surface bolt: 12 gauge (0.105" minimum) x 16"
- 2) Surround channel required: 14 gauge (0.073" minimum)
- 3) Door surface bolt reinforcement required: 12 gauge (0.105" minimum)
- 4) Product does not meet "Large Missile Impact"
- 5) Curries Model 707 door, 16 gauge (0.053" minimum)
- 6) Latch bolt and deadbolt required



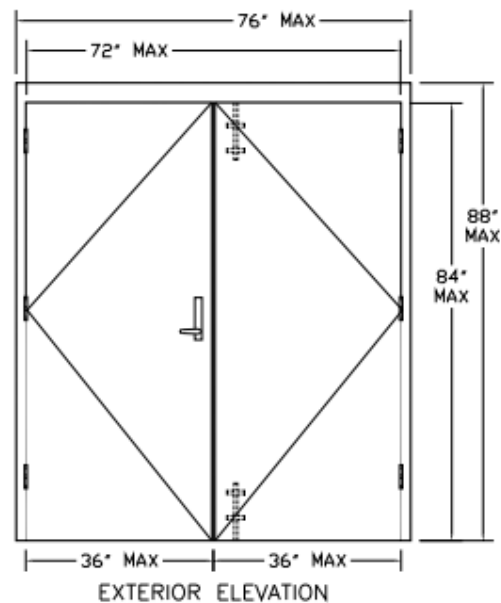
Assembly B

- 1) Curries model 747 flush door: 16 gauge (0.053" minimum)
- 2) Hinge channel: 12 gauge (0.110" minimum)
- 3) Ribs: 20 gauge (0.032" minimum)
- 4) Rim exit strike reinforcement: 12 gauge (0.110" minimum)

EXTERIOR ELEVATION

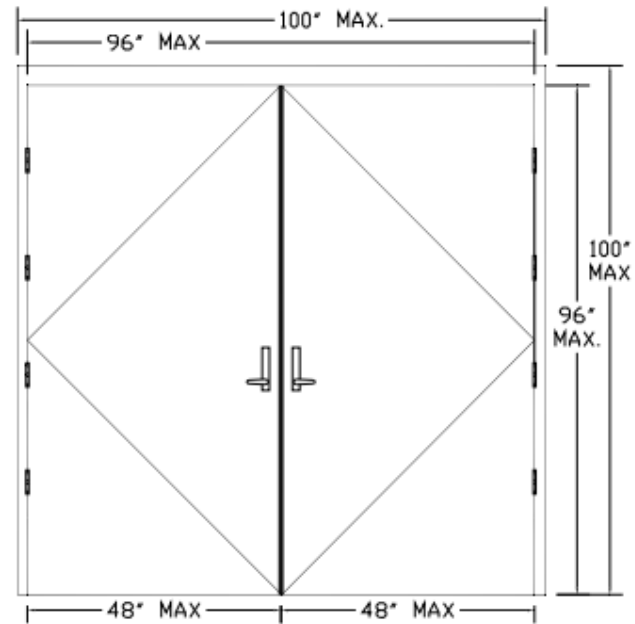
Assembly C

- 1) Head reinforcement required for surface bolt: 12 gauge (0.105" minimum) x 16"
- 2) Door surface bolt reinforcement required: 12 gauge (0.105" minimum)
- 3) Curries model 707 flush door: 16 gauge (0.053" minimum)

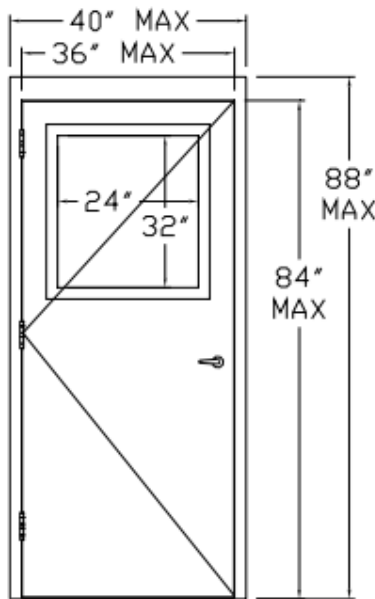


### Assembly D

- 1) Curries model 747 flush door: 16 gauge (0.053" minimum)
- 2) Head reinforcement required: 12 gauge (0.105" minimum) x 16"
- 3) One anchor in frame head per door leaf: 16" from center on pairs; 14" from lock centreline on singles



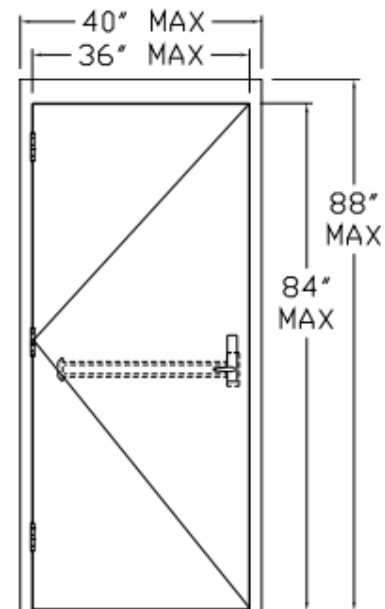
EXTERIOR ELEVATION



EXTERIOR ELEVATION

### Assembly E

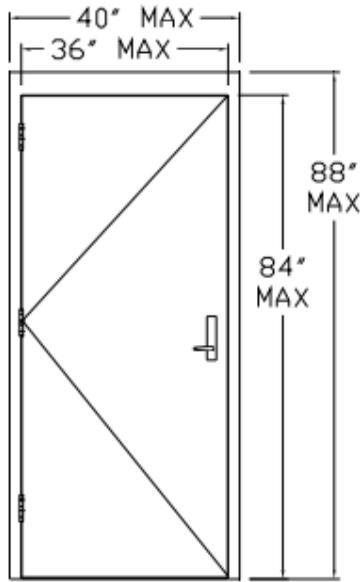
- 1) Minimum 12" x 12" window; maximum 24" x 32" (768 sq in) window
- 2) Curries Type 1, Type 2, or Type 3 vision light kit; 18 gauge (0.041" minimum)
- 3) Door surround channel: 20 gauge (0.032" minimum)
- 4) Curries model 707 door; 18 gauge (0.041" minimum)



EXTERIOR ELEVATION

### Assembly F

- 1) Weld perimeter of end channels together at door corners
- 2) Frame strike reinforcement: 7 gauge (0.171" minimum)
- 3) Mortise lock reinforcement: 14 gauge (0.073" minimum) x 18"
- 4) Mortise reinforcement hinge side: 14 gauge (0.073" minimum) x 12"
- 5) Curries model 707 flush door: 18 gauge (0.041" minimum)



EXTERIOR ELEVATION

Assembly G and H

- 1) Weld perimeter of end channels together at door corners
- 2) Curries model 707 flush door: 18 gauge (0.041" minimum)