

## M300 SERIES SLIDING DOOR

### FEATURES

- ◇ Commercial Framing System
  - 5" main frame
  - 2 5/8" sill height
  - 0.070 extruded wall thickness of frame
  - 0.062" extruded wall thickness of sash
  - Frames shipped K.D.
- ◇ Thermally Enhanced Design
  - Azon pour and debridge thermal break is 1/2" wide in all main frame and vent rail extrusions
  - Internal weep system for effective water drainage
  - Steel Roller System
  - Mitered panels with heavy-duty corner keys
- ◇ Integral Nailing Fin
- ◇ Glazing
  - 1" tempered insulated glass
- ◇ Hardware
  - Heavy-duty steel rollers operate in stainless steel roller track, making operation easy and smooth
  - D-Loop Handle hardware (interior & exterior)
- ◇ Screen
  - Extruded aluminum screen frame with BetterVue™ mesh

### BENEFITS

- ◇ The capacity to match exterior colors for unique project facades
- ◇ The ability to facilitate custom sizes for taller and wider door openings

### OPTIONS

- ◇ Available Configurations
  - Fixed-Active
  - Active-Fixed
  - Fixed-Active-Fixed
  - Fixed-Fixed-Active
  - Active-Fixed-Fixed
  - Fixed-Active-Active-Fixed
- ◇ Muntin Choices
  - Internal or simulated divided lites available
- ◇ Screen
  - Extruded aluminum screen frame with aluminum wire mesh
  - Extruded aluminum screen frame with sunscreen mesh
  - Extruded aluminum screen frame with stainless steel 0.009" thickness mesh
- ◇ Glazing
  - Up to 1 3/8" thickness of I.G. available
  - Variety of Energy-Efficient glass packages
  - Impact Glazing
  - Sound attenuation glazing packages for STC/OITC
- ◇ Hardware
  - Premium 2" roller system
  - Flush Handle hardware
- ◇ Panning & Trim Choices
  - Structural Transition mulls
  - Wide variety of panning, receptor and trim available

### PERFORMANCE

- ◇ Structural & Thermal (test reports or thermal simulations available upon request)

Model	Sliding Door
	Active-Fixed
Test Sizes	95" x 83"
AAMA/WDMA/CSA 101/I.S.2/A440-08 Rating	CW-PG50-SD
Structural Load P.S.F.	75.19
Air at 50 MPH (cfm/ft <sup>2</sup> )	<0.30
Water (No Penetration) P.S.F.	7.52
U-Value (ranges based on multiple Low-E/Argon combinations)	0.35-0.40
SHGC (ranges based on multiple Low-E/Argon combinations)	0.14-0.50

Operating Force:  
(per ASTM E2068)

M300 Active-Fixed  
22 N (5 lbf) - Initiate Motion  
22 N (5 lbf) Maintain Motion  
9 N (2 lbf) (locks)

M600 Active-Fixed  
53 N (12 lbf) - Initiate Motion  
58 N (13 lbf) Maintain Motion  
18 N (4 lbf) (locks)

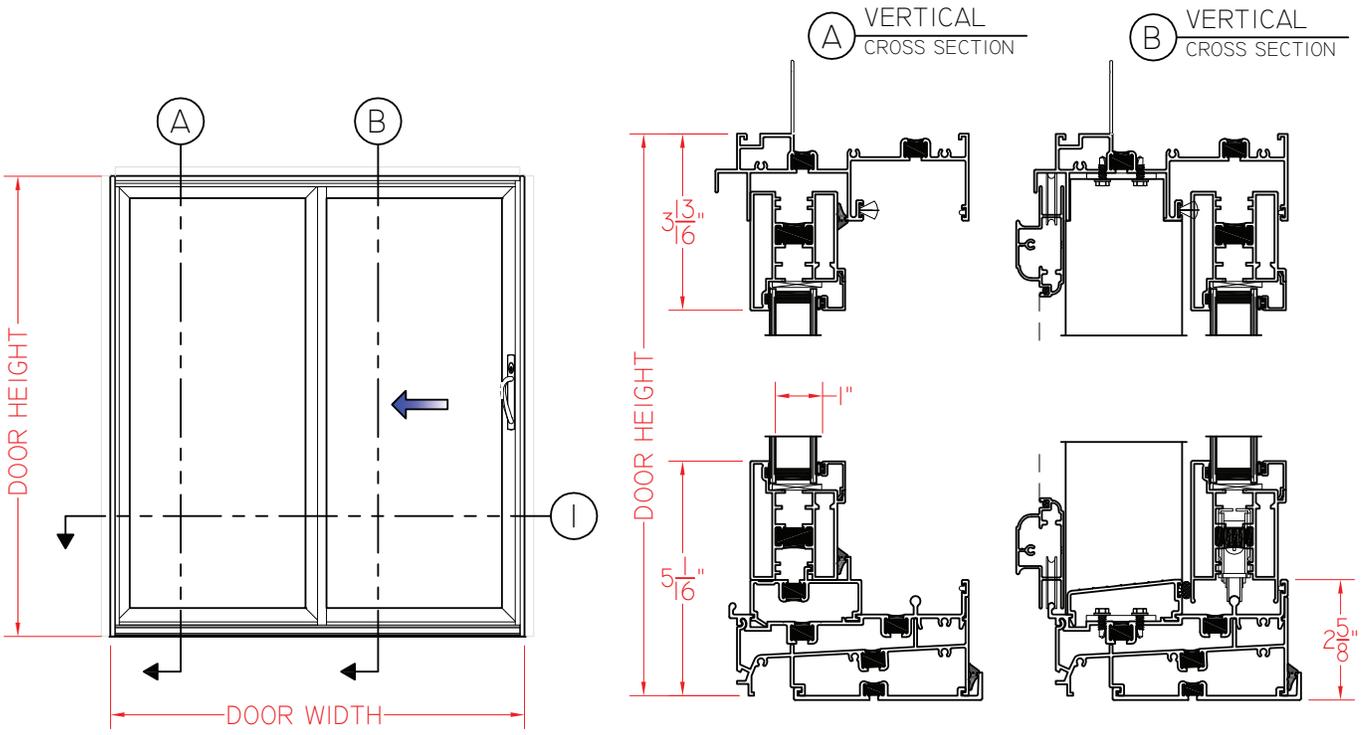
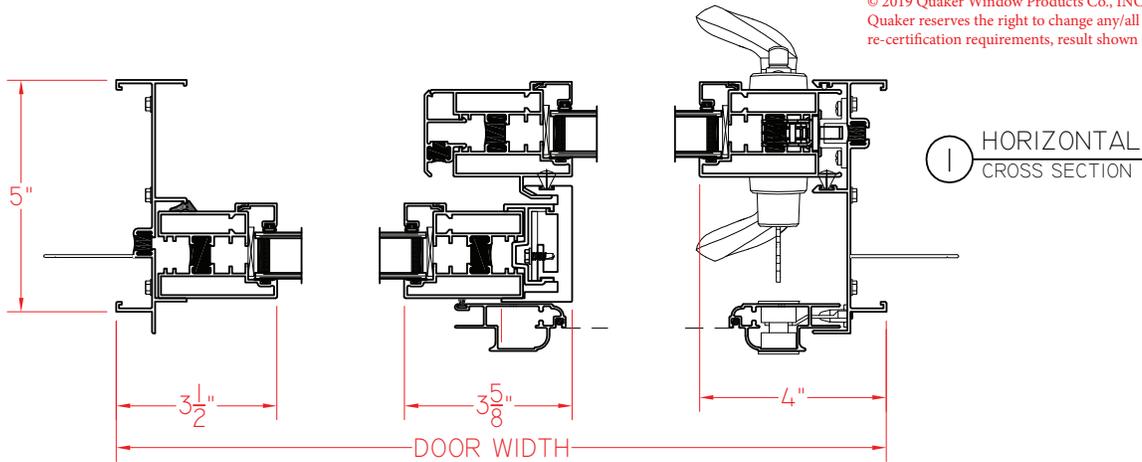


**QUAKER**  
COMMERCIAL

# M300 5" Frame Depth Sliding Door

## M300 SERIES SLIDING DOOR WITH FIN (FIXED/ACTIVE) AS VIEWED FROM EXTERIOR

This document contains confidential and proprietary information intended for the private use of Quaker.  
© 2019 Quaker Window Products Co., INC. All rights reserved.  
Quaker reserves the right to change any/all designs without notice. Due to periodic re-certification requirements, result shown may vary.



ELEVATION SCALE 3/8" = 1'-0"

Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



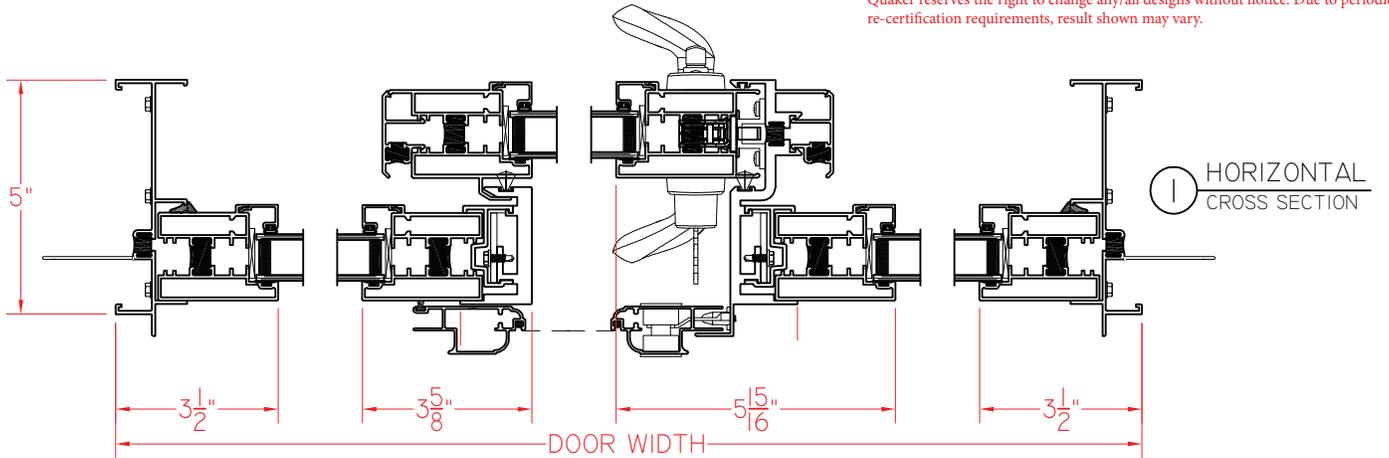


**QUAKER**  
COMMERCIAL

# M300 5" Frame Depth Sliding Door

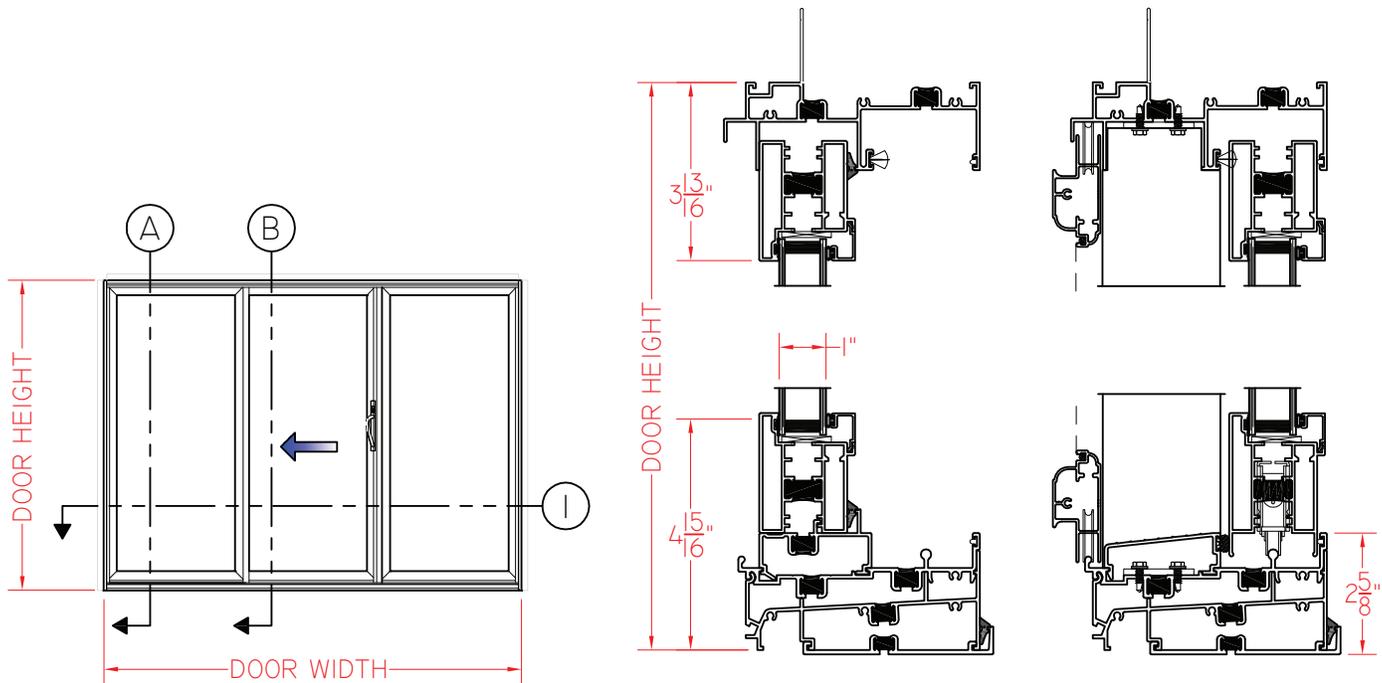
## M300 SERIES SLIDING DOOR WITH FIN (FIXED/ACTIVE/FIXED) AS VIEWED FROM EXTERIOR

This document contains confidential and proprietary information intended for the private use of Quaker.  
© 2019 Quaker Window Products Co., INC. All rights reserved.  
Quaker reserves the right to change any/all designs without notice. Due to periodic re-certification requirements, result shown may vary.



**A** VERTICAL CROSS SECTION

**B** VERTICAL CROSS SECTION

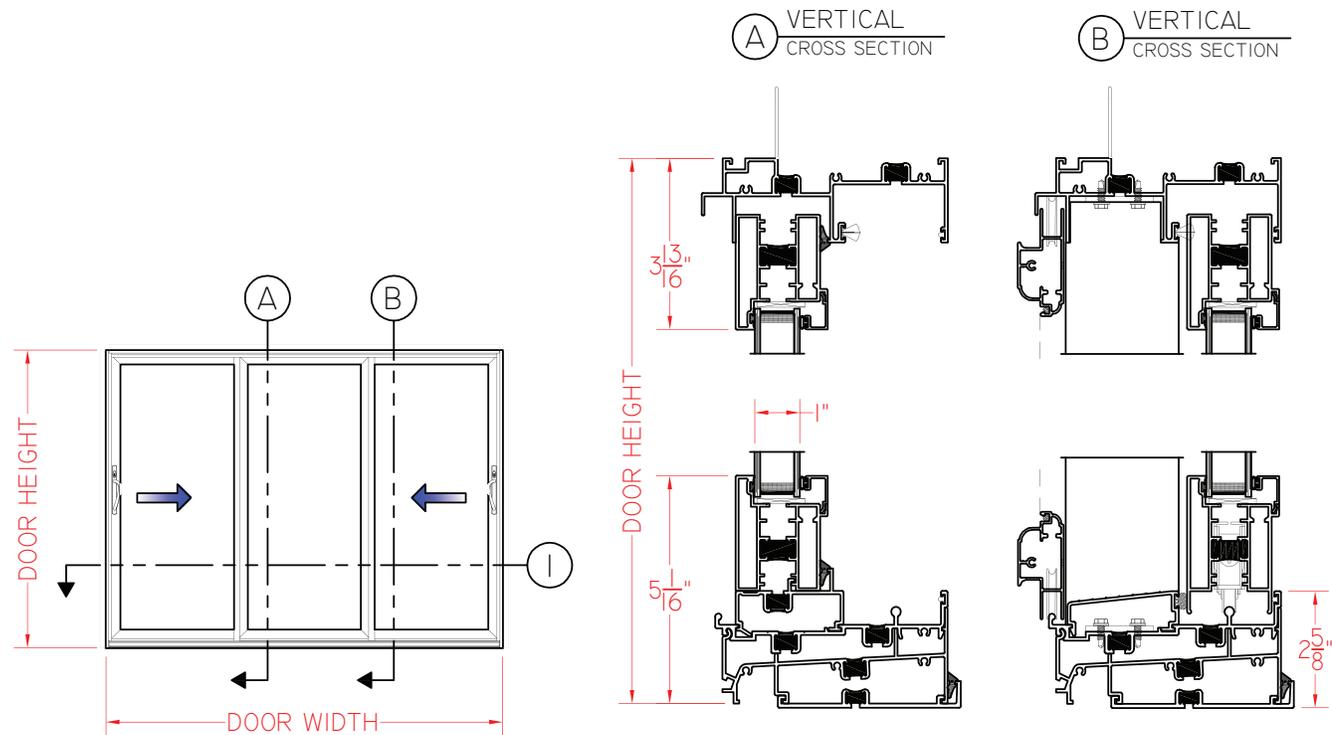
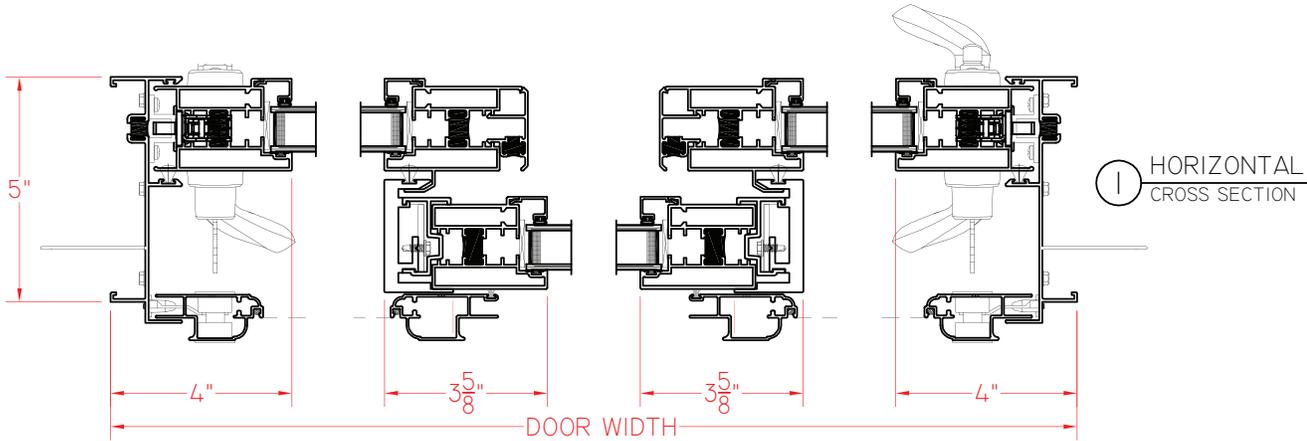


Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



**M300 SERIES SLIDING DOOR WITH FIN (ACTIVE/FIXED/ACTIVE)**  
AS VIEWED FROM EXTERIOR

This document contains confidential and proprietary information intended for the private use of Quaker.  
© 2019 Quaker Window Products Co., INC. All rights reserved.  
Quaker reserves the right to change any/all designs without notice. Due to periodic re-certification requirements, result shown may vary.



ELEVATION SCALE 1/4" = 1'-0"

Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



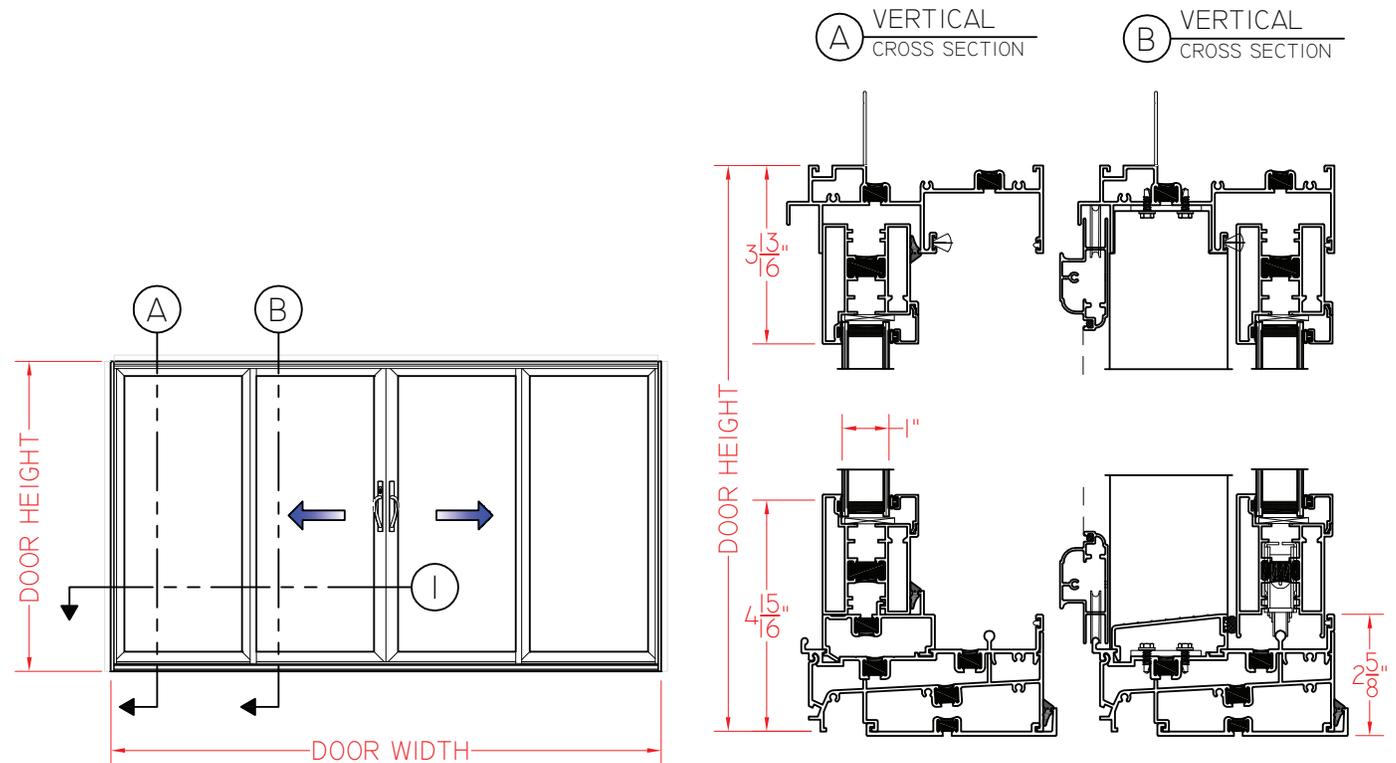
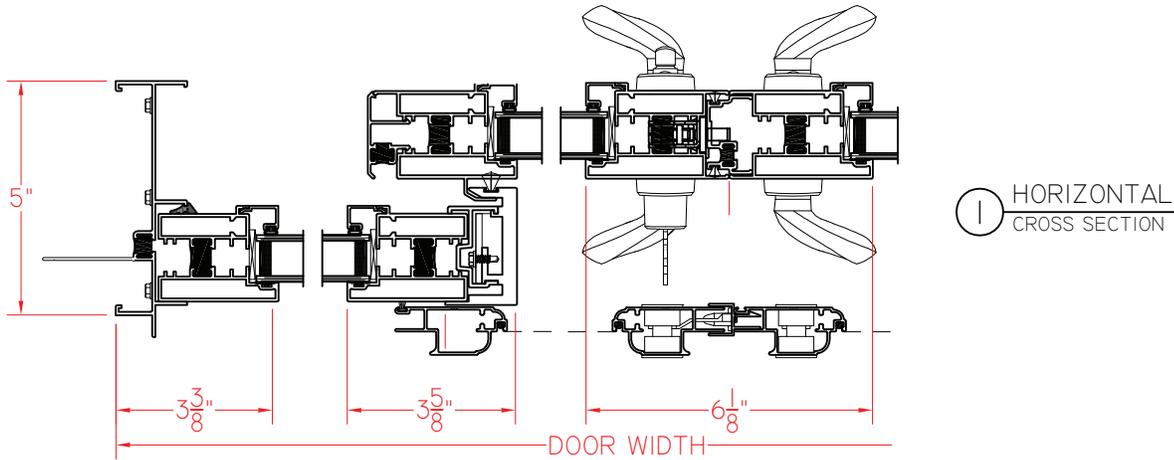


**QUAKER**  
COMMERCIAL

# M300 5" Frame Depth Sliding Door

## M300 SERIES SLIDING DOOR (FIXED/ACTIVE) AS VIEWED FROM EXTERIOR

This document contains confidential and proprietary information intended for the private use of Quaker.  
© 2019 Quaker Window Products Co., INC. All rights reserved.  
Quaker reserves the right to change any/all designs without notice. Due to periodic re-certification requirements, result shown may vary.

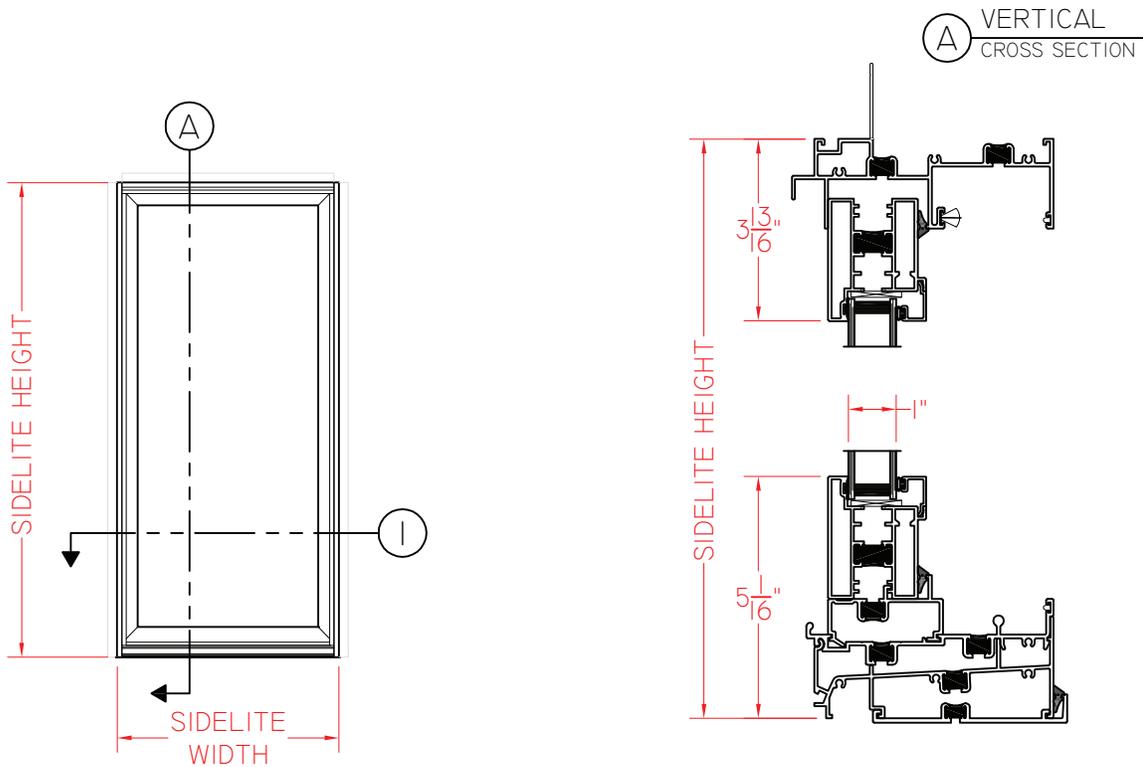
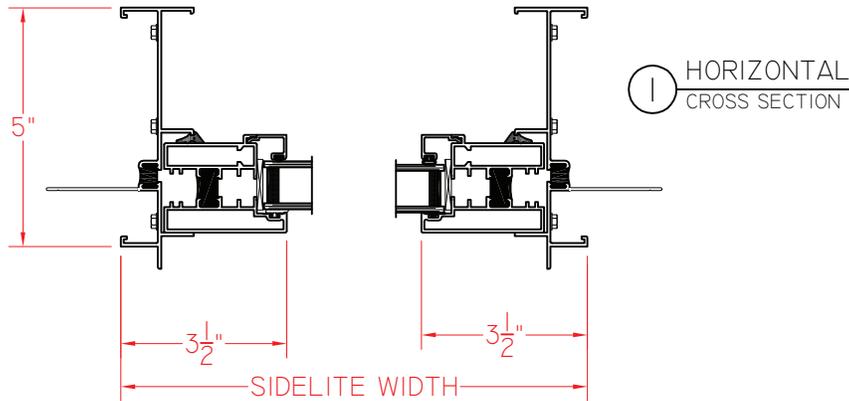


Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



**M300 SERIES SIDELITE**

This document contains confidential and proprietary information intended for the private use of Quaker.  
© 2019 Quaker Window Products Co., INC. All rights reserved.  
Quaker reserves the right to change any/all designs without notice. Due to periodic re-certification requirements, result shown may vary.

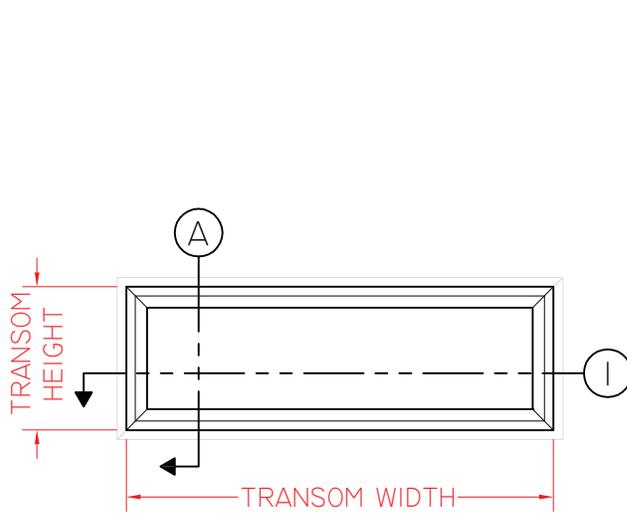
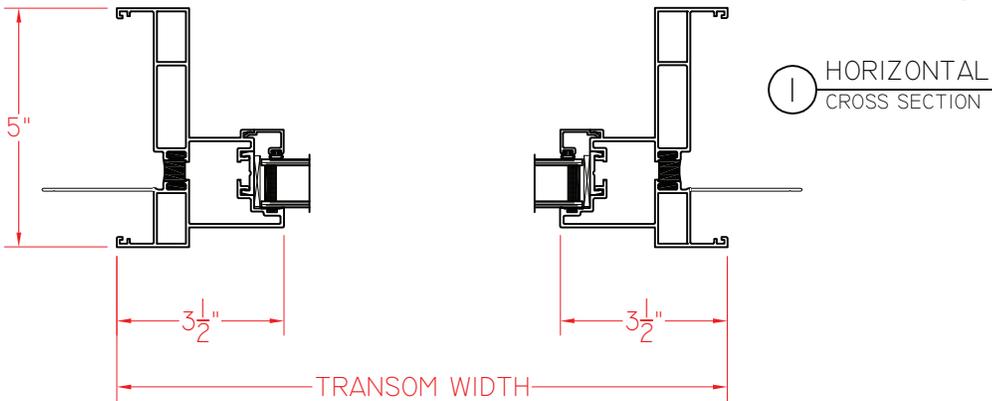


Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



**M300 SERIES FIXED TRANSOM**

This document contains confidential and proprietary information intended for the private use of Quaker.  
© 2019 Quaker Window Products Co., INC. All rights reserved.  
Quaker reserves the right to change any/all designs without notice. Due to periodic re-certification requirements, result shown may vary.



ELEVATION SCALE 3/8" = 1'-0"

