

**THINK BIG**  
**THINK GLASSWERKS™**

**Southern California's**  
**Premier Fabricator of**  
**Residential & Architectural Glass**  
 8600 Rheem Ave, Southgate, CA 90280  
**glasswerks.com**



**Insulated**  
**Glass Doors**  
 Residential &  
 Architectural

Insulated glass shown on FHC ASPIRE doors.

**Commercial Entrances & Doors**

- All-Glass Entrance Systems
- Bottom Rolling Door Systems
- Panic Doors & Devices
- Stacking Sliding Doors
- Patch Railing Systems
- Custom Hardware

**Custom Fabrication**

- Up to 3/4" Monolithic Glass
- Laminated Glass
- Miters, Bevels, Holes, & Notching
- Digital Images & Silk screening
- Patch Railing Systems
- Custom Hardware



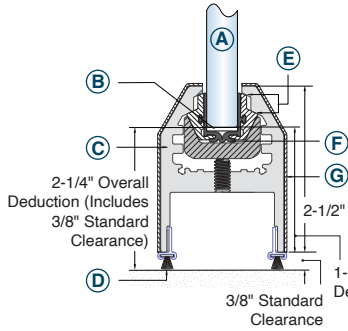
For more information, contact us at **888.789.7810** or visit us at **glasswerks.com**



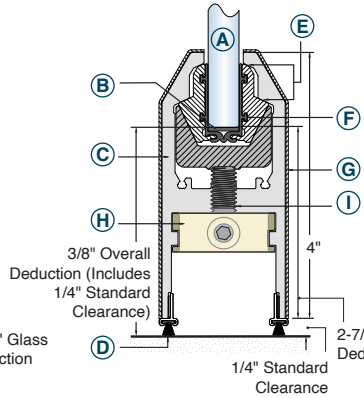
GLASSWERKS' GROUP OF COMPANIES

### DOOR RAIL END VIEW DESCRIPTION

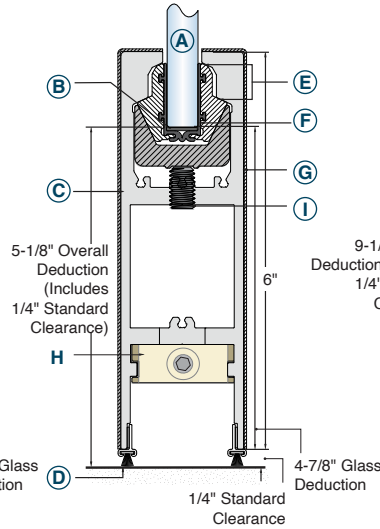
- (A) Monolithic Tempered or Laminated Glass
- (B) FHC Door Rails are Factory Designed to Allow for Vertical Adjustment of Plus 1/16" or Minus 1/16" With Our Included Door Rail Setting Blocks.
- (C) Solid One Piece Rail Housing
- (D) Optional Weatherstripping Seal Sold Separately Item No. RWS36
- (E) U.S. Patent No. 11,060,341 Dual-Inclined Bearing Surface Controls Angularity and Self-Centering of the Rail
- (F) U.S. Patent No. 11,187,323 Unitizing Clamping Gasket
- (G) Cladding Included in Stainless Steel and Brass Finishes
- (H) PAS Pivot Alignment System With Hardware Mounting Block Allows 3/8" Adjustments
- (I) Innovative Concealed Actuation Hardware Allows for Uninterrupted Hardware Mounting



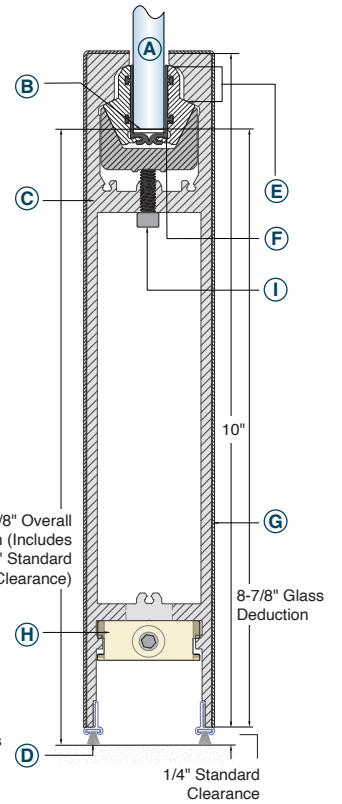
**2-1/2" LOW PROFILE**  
(Tapered Profile Shown)



**4" DOOR RAIL**  
(Tapered Profile Shown)

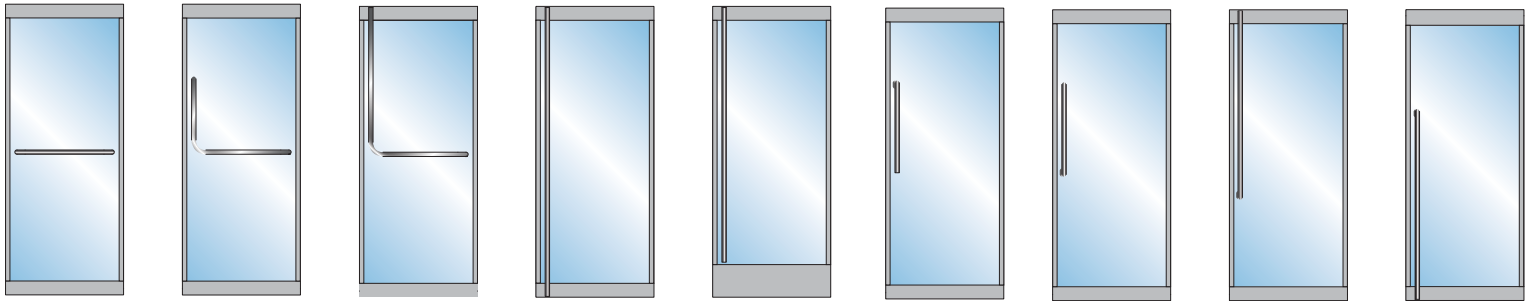


**6" DOOR RAIL**



**10" DOOR RAIL**

### FHC ASPIRE® DOOR HANDLE CONFIGURATIONS



## Fully Tempered and Tempered Laminated Glass

		R/R (Full Rails)				P/P (Patch Fittings) and / or P/R (Rail Combinations)			
Glass Thickness Glass Weight		10 mm (3/8 in.) [5 Lbs/sf]	12 mm (1/2 in.) [6.4 Lbs/sf]	16 mm (5/8 in.) [8.1 Lbs/sf]	19 mm (3/4 in.) [9.8 Lbs/sf]	10 mm (3/8 in.) [5 Lbs/sf]	12 mm (1/2 in.) [6.4 Lbs/sf]	16 mm (5/8 in.) [8.1 Lbs/sf]	19 mm (3/4 in.) [9.8 Lbs/sf]
<b>Concealed Overhead Closer</b> <small>(200 Lb. max typically)</small>	Width	914 mm (36 in.)	1067 mm (42 in.)	914 mm (36 in.)	914 mm (36 in.)	914 mm (36 in.)	1067 mm (42 in.)	914 mm (36 in.)	914 mm (36 in.)
	Height	2134 mm (84 in.)	2743 mm (108 in.)	2591 mm (102 in.)	2134 mm (84 in.)	2134 mm (84 in.)	2591 mm (102 in.)	2438 mm (96 in.)	2134 mm (84 in.)
	Glass Weight	(105 Lbs.)	(202 Lbs.)	(207 Lbs.)	(206 Lbs.)	(105 Lbs.)	(191 Lbs.)	(195 Lbs.)	(206 Lbs.)
<b>Floor Closer</b>	Width	914 mm (36 in.)	1219 mm (48 in.)	1219 mm (48 in.)	1219 mm (48 in.)	914 mm (36 in.)	1067 mm (42 in.)	1067 mm (42 in.)	914 mm (36 in.)
	Height	2134 mm (84 in.)	2743 mm (108 in.)	2896 mm (114 in.)	3048 mm (120 in.)	2134 mm (84 in.)	2591 mm (102 in.)	2591 mm (102 in.)	2473 mm (108 in.)
	Glass Weight	(105 Lbs.)	(230 Lbs.)	(308 Lbs.)	(392 Lbs.)	(105 Lbs.)	(191 Lbs.)	(241 Lbs.)	(265 Lbs.)