



Series 3000 Thermal • Series 3050 Non-Thermal • Series 3900 Thermal Fixed 3 1/4" Heavy Commercial Sliding Glass Door

Manufacturer

0f

Architectural

And

Commercial

Grade

Windows,

Curtain Walls,

Entrances,

And

Storefronts

EFCO CORPORATION 1000 COUNTY RD MONETT, MO 65708 8 0 0 . 2 2 1 . 4 1 6 9

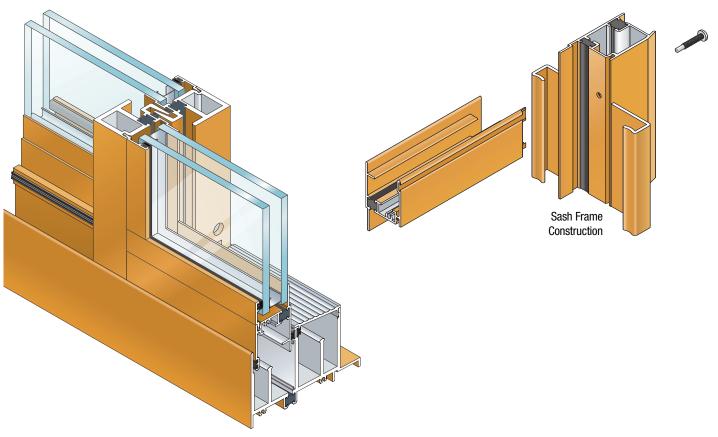
Configurations X0 • 0X • 0XX0 • 0XOR • 0XOL • Fixed

Series 3000 retains an AAMA Heavy Commercial and Architectural Grade rating to meet the most demanding specifications. Designed for high-rise residential and condominiums, the 3000 series is an attractive product for a wide range of applications. Multiple glazing options provide flexibility to meet specific design requirements. A thermal barrier in the frame and sash improves thermal performance enhancing energy saving potential. Offered with a complete line of sub frames, mullions and architectural sills, series 3000 provides the complete solution for your fenestration needs.

Offers superior structural performance
Allows easier operation
Minimizes the effects of debris and dirt buildup on the sill
rields superior air, water, and structural performance
Stronger, more durable screens Operation is not hindered by debris and dirt build-up on the sill
Elexibility in design requirements for glazing
Inlimited options to answer economic and aesthetic concerns
3



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Performance Data

S-3000 and S-3050 Sliding Glass Door Heavy Commercial	
AAMA Rating (NAFS-02) Air Infiltration Value SGD-HC40 SGD-HC40 C10 cfm/sf @ 6.24 pst No Leakage @ 6.0 pst Structural CRF-Frame (1503-98) CRF-Glass (1503-98) U-Value (1503-98) U-Value (NFRC-97) SGD-HC40 C10 cfm/sf @ 6.24 pst No Leakage @ 6.0 pst \$\frac{2}{3} \text{ 60.0 pst} \$\frac{2}{3} \text{ 70.0 pst} \$\frac{2} \text{ 70.0 pst} \$\frac{2}{3} \text{ 70.0 pst} \$\frac{2}{3} 70	f

S-3900 Corresponding Fixed Architectural Grade

/ ii o i i i i o c i a i a i a a o	
AAMA Rating (A440-05)	F-AW75
Air Infiltration	f @ 6.24 psf
Water No Leakage	e @ 15.0 psf
Structural	±112.5 psf
CRF-Frame (1503.1)	62 ^D
CRF-Glass (1503.1)	
U-Value (1503.1)	

 $A = Estimated \ values \ and/or \ designations$

B = Non-standard size or configuration

C = Dual glazed

D = 1" Insulated - 1/4" clear, 1/2" air, 1/4" clear

F = 1" Insulated - 1/4" clear (Low Emissivity), 1/2" air, 1/4" clear F = 1" Insulated - 1/4" clear (Low Emissivity), 1/2" argon, 1/4" clear G = 1" Insulated - 1/4" clear, 1/2" air, 1/4" clear (Low Emissivity)

Series 3000 Hardware Chart	Dead Bolt	Interior Thumb Turn	Interior and Exterior Extruded Pull Handle	Exterior Cylinder Lock w/ Interior Thumb Turn	Exterior & Interior Cylinder Locks	Adjustable Zinc Plated Steel Ball Bearing Rollers	Adjustable Stainless Steel Ball Bearing Rollers
Option 1	S	S	S			S	0
Option 2	S		S	S		S	0
Option 3	S		S		S	S	0

0 -0p	tional
S -Sta	andard
blank	- N/A

S-3000 Glazing Chart	Pol	ycarbon	ate		Glass or Panel														
	1/8"	3/16"	1/4"	1/8"	.156"*	3/16"	.200"*	1/4"	1/4"**	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
Monolithic & Insulated Glass								Α						Α					

^-Ubscure Glass Inickness
**-Laminated Glass
Thickness

A-Available Glazing Option blank - N/A

Fixed S-3900		Pol	ycarbon	ate	Glass or Panel															
Glazing Chart	1/8"	3/16"	1/4"	1/8"	.156"*	3/16"	.200"*	1/4"	1/4"**	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"	
Monolithic & Insula	Α	Α	Α	Α	Α	Α	Α		Α	Α	Α	Α								
Dual Glazing	Exterior Lite		Α	Α		Α	Α	Α	Α	Α										
	Interior Lite		Α	Α		Α	Α	Α	Α											

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Frame Construction

The frames have a depth of 3 1/4" and are constructed of 6063-T6 aluminum alloy. Nominal material wall thickness for the frame is .080", and the sill has a minimum wall thickness of .125". Corners are of screw spline construction and sealed. See Illustration 1.

Sash Frame Construction

The sash consists of aluminum members with .062" nominal material wall thickness of 6063-T6 alloy. Corners are of screw spline construction and sealed. Single weather-stripped interlock at the sash meeting rail(s) is standard. This offers superior weathering and structural performance. See Illustration 2.

Weather Stripping

All sash are weather-stripped with TRIPLE FIN®.

Screens

Screen frames are extruded 6063-T6 aluminum alloy. 18 x 16 mesh screens are available in fiberglass and .011" diameter aluminum. 18 x 18 mesh screens are available in .009" diameter stainless steel.

Thermal Barrier

All frames and sash members are thermally improved using two-part, high density polyurethane. See Illustration 3.

Hardware

Standard locking hardware is Adams Rite® dead lock. The sash glides on a pair of tandem rollers over a raised sill track, minimizing the effects of dust and dirt build-up. See Hardware Chart for available hardware types and more information.

Glazing

Doors are glazed with an extruded aluminum snap-in glazing bead. Glazings of 1/4" or 1" are accommodated.

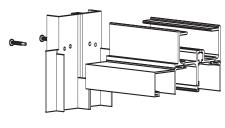


Illustration 1

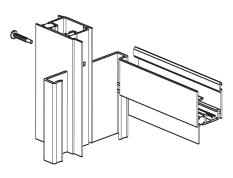


Illustration 2

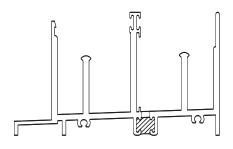
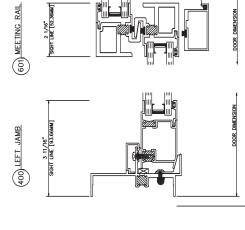
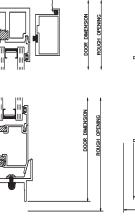


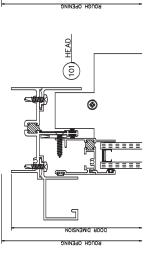
Illustration 3

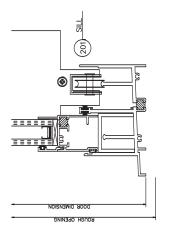


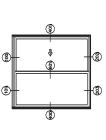




ROUGH OPENING

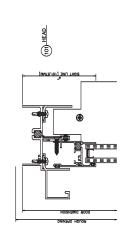






402 RIGHT JAMB 603 MEETING RAIL 600 MEETING RAIL (601) MEETING RAIL 400 LEFT JAMB

1/4" Monolithic



100 HEAD

