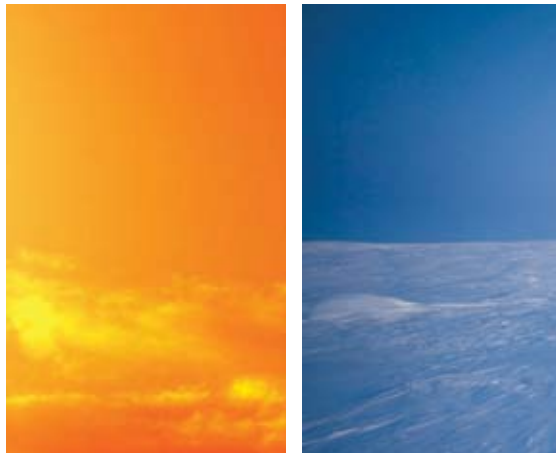




A Window to Innovation



WHERE WINDOWS ARE JUST THE BEGINNING.



INTRODUCING



A New Standard in Thermal Performance Windows

The *XTherm™* family of fenestration products offers cutting-edge thermal technology providing outstanding thermal efficiency. Our Triple-Glazed Capable products have pocket depth flexibility for extreme performance and value, giving you both

economic and environmental advantages. Whether your project is located far north or in the deep south, the *XTherm™* best-in-class U-factors keep the cold out in the winter and the heat out in the summer.





Take a look at what you can do with *XTherm*[™]:

- Substantially reduce energy consumption
- Increase building comfort all year round
- Support LEED certification and green building practices
- Contribute to a healthier environment
- Improve control over unwanted noise
- Gain exceptional thermal performance without sacrificing value



And see what EFCO can do for you:

- Provide expert design consultation from the industry-leading national network of independent sales professionals
- XTherm[™] software for energy savings analysis
- Guide your project with NFRC/CMA certified staff for NFRC label certificates
- You can be confident that EFCO provides long-lasting value and after sale service.

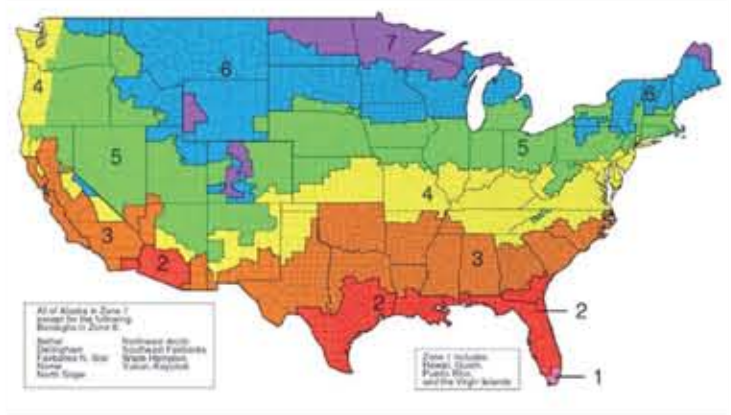
>>> The Energy Efficiency Movement

Recent studies found that residential and commercial buildings consume nearly 40% of the energy in the United States. As a result, the US Government is drastically transforming energy codes and initiating green building specifications and publicly funded projects to reduce energy consumption. Their goal is to work with industry representatives to achieve marketable net-zero energy commercial buildings by 2025.

Innovations among industry leaders are critical to achieving this ambitious objective, which is why EFCO has produced the *XTherm*[™] family of high performance thermal windows, curtain walls and accessories designed specifically to meet new energy efficiency standards.

Know Your Zone

This high performance family of products offers you an opportunity to take advantage of current and future building codes in any zone. The map illustrates US climate zones based on ASHRAE 90.1 standards. Each climate zone has distinct commercial building requirements, and the *XTherm*[™] family of products provides benefits to all of them.

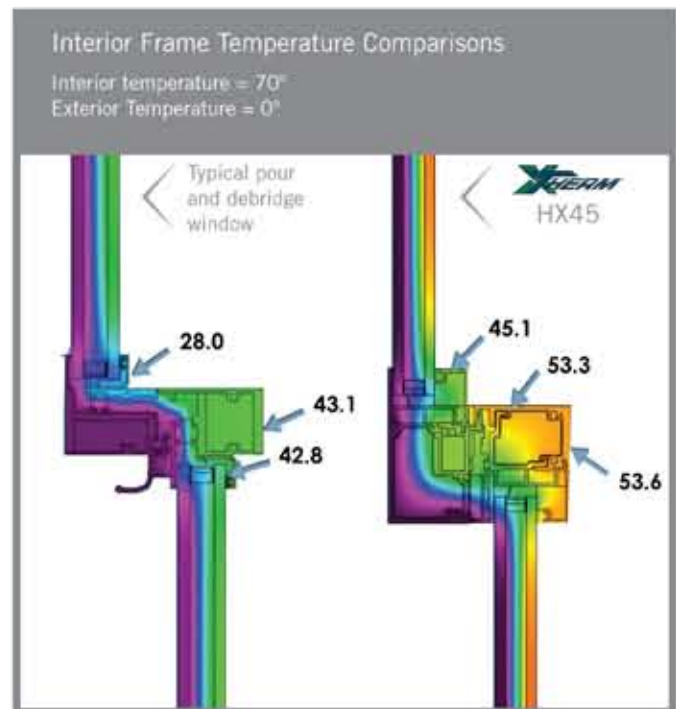


Series HX45 High Performance Double-Hung Window

The *XTherm*[™] HX45 Double-Hung Window is the first of EFCO's revolutionary new products. When tested in 0 degree weather, the HX45 registers 10 to 17 degrees higher on the interior frame when compared with typical pour and debridge window.

Features

- 4½" frame depth
- Double-Hung configuration
- 12 lb. water
- AW70 standard rating
- AW110 optional rating
- Fully strutted – 2-color availability
- Standard sash glazing
 - up to 1½" glass pocket
 - dual glaze option
 - blinds available
- Snap-in grid sash glazing
 - up to 1" glass pocket
- Overall window U-factor of .34 with .24 center of glass U-factor
- Overall window U-factor of .27 with .13 center of glass U-factor
- Stacking fixed frame, series FX45
 - U-factor = .31





WHERE WINDOWS ARE JUST THE BEGINNING

1000 County Road, Monett, MO 65708 • 800.221.4169

EFCOCORP.com



Series 325X, 325G Thermal 3 1/4" Heavy Commercial Projected Flush-Face Window



CONFIGURATIONS

Project-In • Project-Out • Casement In • Casement Out • Fixed

The 325X and 325G XTherm™ window series, were developed to meet the increasing energy efficiency demands of today's marketplace. The deeper strutted thermal break allows for triple glazing while also providing superior thermal separation of the framing materials. This window system is an attractive and versatile product that can be utilized on a wide range of applications from educational, to office and healthcare facilities. Offered with a complete line of thermal subframes, mullions and architectural sills, the 325X and 325G provides the complete solution for your fenestration needs.

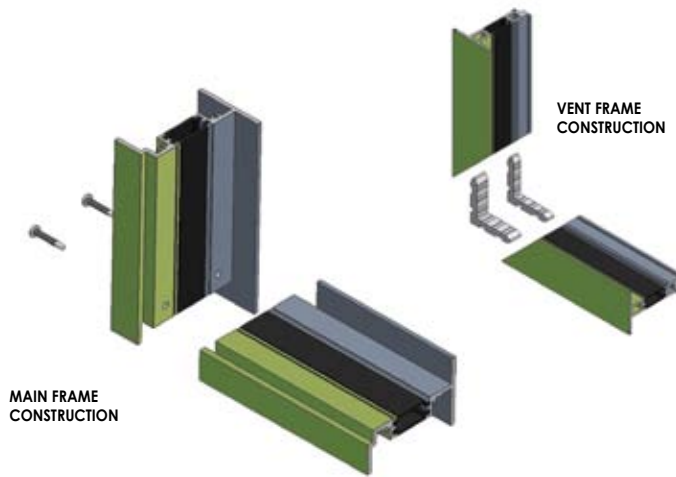
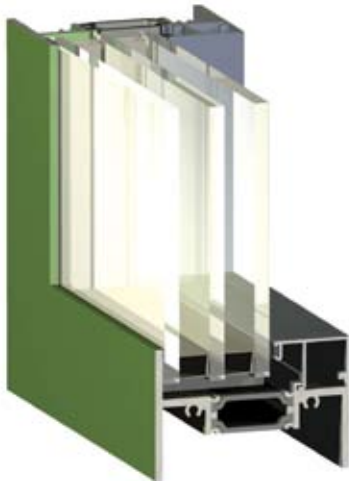
Features

Benefits

35 mm E-Strut™ thermal isolator	Exceptional U-Value performance Dual finish capability Eliminates potential for dry shrinkage
Vertical or horizontal stacking members	Increases configuration options
Dual glazing with optional integral blinds	Improved energy savings and interior light or privacy control with low maintenance
Pressure equalization	Superior water resistance
Angle reinforced vent corners	Improves sash/vent rigidity
Wide variety of locking and operating hardware available	Permits hardware options to address specific requirements
Accessory line of subframes, mullions, and architectural sills	Allows custom designs with standard product
Anodized or painted finishes available	Multiple options to answer economic and aesthetic concerns
Screen frames of extruded aluminum alloy are available	Stronger, more durable screens
Snap-In grid available with 325G version	Removes grid from glazing pocket Easily removed for exterior glass cleaning



Series 325X, 325G Thermal 3 1/4" Heavy Commercial Projected Flush-Face Window



PERFORMANCE DATA

FIXED ARCHITECTURAL GRADE

AAMA RATING (A440-05)	AW-PG135-FW
AIR INFILTRATION	<.10 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 15.0 PSF
CRF-FRAME (1503-98)	71"
CRF-GLASS (1503-98)	81"

CASEMENT ARCHITECTURAL GRADE

AAMA RATING (101-97)	AW-PG95-C
AIR INFILTRATION	<.10 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 15.0 PSF
CRF-FRAME (1503-98)	67"
CRF-GLASS (1503-98)	77"

*LOW E WITH ARGON

325X THERMAL U-FACTORS*						
CENTER OF GLASS U-FACTOR	CONFIGURATION AND SIZE					
	PO**	PO	PO Csmt**	PO Csmf	FX**	FX
	59" X 24"	60" X 66"	24" X 59"	54" X 84"	47" X 59"	65" X 77"
0.46	0.57	0.52	0.58	0.52	0.53	0.51
0.34	0.50	0.43	0.50	0.42	0.42	0.40
0.28	0.46	0.39	0.47	0.38	0.38	0.36
0.24	0.44	0.35	0.44	0.35	0.34	0.32
0.20	0.41	0.32	0.42	0.31	0.31	0.28
0.16***	0.33	0.26	0.34	0.25	0.24	0.22
0.12***	0.31	0.23	0.32	0.23	0.21	0.19

*BASED ON NFRC 100 **NFRC GATEWAY SIZE ***TRIPLE LITE INSULATED UNIT

S-325X HARDWARE CHART	BUTT HINGES	4-BAR ARMS	FRICTION ADJUSTER	KEY RELEASE LIMIT ARM	ROTOR OPERATOR*	CAM HANDLE	POLE RING CAM HANDLE	POLE RING PULL**	ACCESS CONTROLLED LOCK	LIFT LOCK
PROJECT-IN		S				S				O
PROJECT-OUT		S				S	O		O	O
CASEMENT INSWING WITH 4-BAR ARMS		S				S	O	O	O	O
CASEMENT OUTSWING WITH 4-BAR ARMS		S				S	O		O	O
CASEMENT INSWING WITH BUTT HINGES	S		O	O		S	O		O	O
CASEMENT OUTSWING WITH BUTT HINGES	S		S	O	O	S	O		O	O

Some size restrictions may apply depending on hardware selected.
 * Casements requiring roro operators will be furnished with lift locks, providing vents meet minimum width requirements.
 ** Pole ring pull will be furnished on project-out vents when optional pole ring cam handle is selected.
 O - Optional
 S - Standard
 Blank - N/A

S-325X GLAZING CHART	POLYCARBONATE		GLASS OR PANEL										
	3/16"	1/4"	3/16"	.200**	1/4"	1/4**	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
INSULATED GLASS							A	A	A		A	A	A
DUAL GLAZING	EXTERIOR LITE						I	A	A		A	A	
	INTERIOR LITE	A	A	A	A	A							

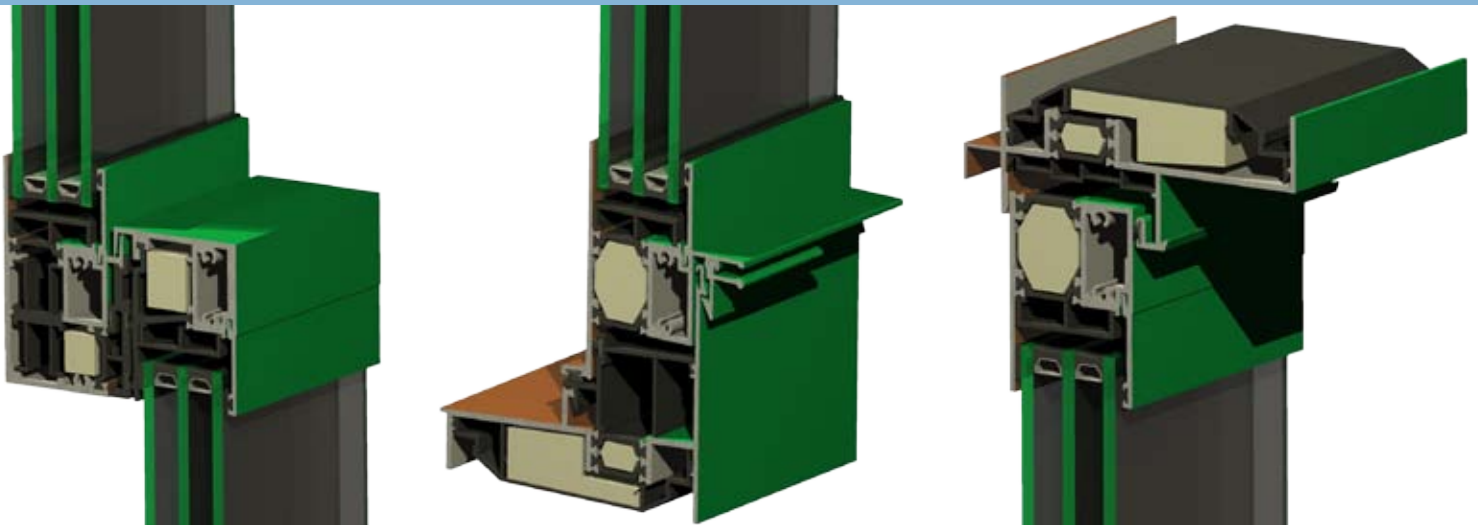
* Obscure glass thickness
 ** Laminated glass thickness
 A - Available glazing option
 I - Internal blinds can be used with this type of dual glazing
 Blank - N/A

S-325G GLAZING CHART	POLYCARBONATE		GLASS OR PANEL												
	3/16"	1/4"	3/16"	.200**	1/4"	1/4**	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
INSULATED GLASS									A	A	A	A	A	A	A
DUAL GLAZING	EXTERIOR LITE						A	A		A		A			
	INTERIOR LITE	A	A	A	A	A									





Series HX45 Double Hung • Series FX45 Fixed 4 1/2" High Performance Thermal, Architectural Grade Windows

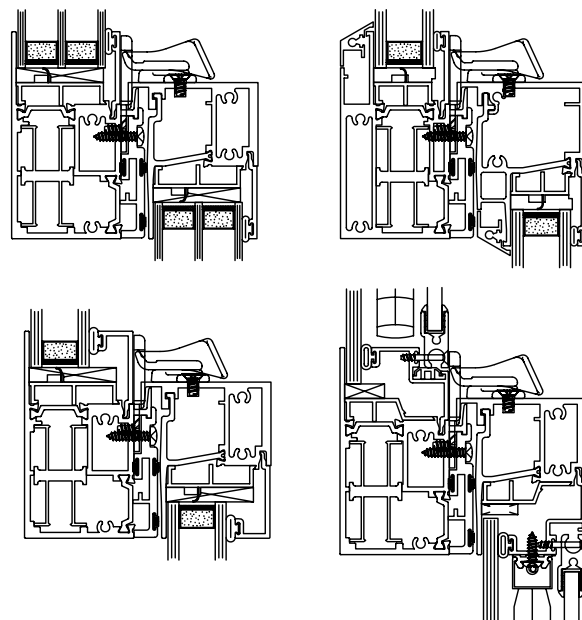


HX45 HIGH PERFORMANCE THERMAL DOUBLE HUNG

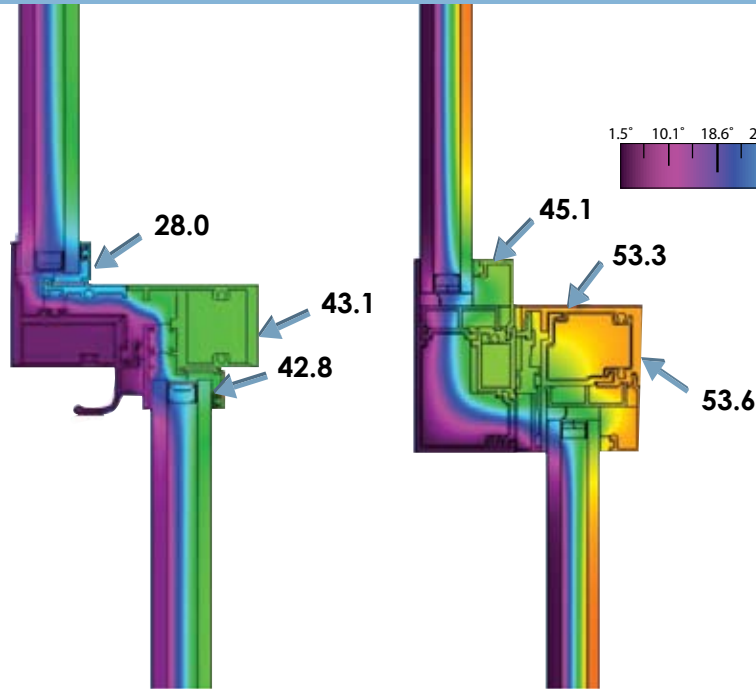
The HX45 is loaded with options to fit many applications while providing an industry leading U-Factor. The energy efficient design provides a substantial improvement in the interior frame temperatures as well. Both block and tackle and class 5 balances are available along with the quality auto locking and sweep lock hardware that has been a part of other EFCO products for many years. Designed to meet the increasing demand for thermally superior products needed in schools, government buildings and green construction, EFCO's HX45 double hung window sets a new standard. The outstanding U-Factor provides demonstrable energy savings when used in conjunction with building envelope performance software.

Features

- 4 1/2" Frame depth
- Double Hung configuration
- 10 lb water (12 optional)
- AW70 standard rating
- AW110 optional rating
- Fully strutted- 2 color availability
- Standard sash
 - 1 1/2" glass pocket
 - dual glaze option
 - blinds available
- Snap in grid sash
 - 1" glass pocket
- U-Factor with EFCO stock glass .34
- Fixed mate, series FX45
 - U-Factor = .31



Series HX45 Double Hung • Series FX45 Fixed 4 1/2" High Performance Thermal, Architectural Grade Windows



Interior Frame Temp. Comparisons

Interior Temp = 70° F
Exterior Temp = 0° F



PERFORMANCE DATA

HX45 SINGLE HUNG

AAMA RATING (NAFS-02..... AW-PG70H/AW-PG110H
AIR INFILTRATION..... <.12 CFM/SF @ 6.24 PSF
WATER..... NO LEAKAGE @ 12 PSF
STRUCTURAL..... 70 OR 110 PSF
CRF-FRAME (1503-98) BASE MODEL WITH GRID SASH..... 65
CRF-FRAME (1503-98) PREMIUM MODEL WITH GRID SASH..... 74
CRF-FRAME (1503-98) BASE MODEL NON GRID SASH..... 66
CRF-FRAME (1503-98) PREMIUM NON GRID SASH..... 70

HX45 THERMAL U-FACTORS*		
CENTER OF GLASS U-FACTOR	GRID SASH BASE MODEL	GRID SASH PREMIUM MODEL
	DOUBLE HUNG 47" X 59"	DOUBLE HUNG 47" X 59"
0.47	0.51	0.48
0.29	0.40	0.37
0.24	0.38	0.34

HX45 THERMAL U-FACTORS*		
CENTER OF GLASS U-FACTOR	NON-GRID SASH BASE MODEL	NON-GRID SASH PREMIUM MODEL
	DOUBLE HUNG 47" X 59"	DOUBLE HUNG 47" X 59"
0.47	0.54	0.49
0.29	0.42	0.38
0.24	0.40	0.36
0.13	0.31	0.27

FX45 THERMAL U-FACTORS*		
CENTER OF GLASS U-FACTOR	BASE MODEL	PREMIUM MODEL
	FIXED 47" X 59"	FIXED 47" X 59"
0.48	0.53	0.50
0.30	0.39	0.36
0.24	0.34	0.31
0.20	0.31	0.28

* Based on NFRC 100
**NFRC Gateway size

HX45 SINGLE HUNG HARDWARE CHART	SWEEP LOCK	AUTO SILL LOCK	POLE RING SWEEP LOCK	ACCESS CONTROLLED SWEEP HANDLE	2 OR 4 BLOCK & TACKLE BALANCES	2 OR 4 CLASS 5 BALANCES
SINGLE HUNG	S	O	O	O	S	O

Some size restrictions may apply depending on hardware selected.

O -Optional
S -Standard
Blank - N/A

GRID SASH INSIDE GLAZED HX45 DOUBLE HUNG GLAZING CHART	GLASS OR PANEL	NON GRID SASH INSIDE GLAZED HX45 DOUBLE HUNG GLAZING CHART		
	1"	GLASS OR PANEL		
INSULATED GLASS	A	1/4"	1"	1-1/2"
		INSULATED GLASS	A	A
		DUAL GLAZE WITH BLINDS	I	

*-Obscure glass thickness
**-Laminated glass thickness

A-available glazing option
I-internal blinds can be used with this type of dual glazing
Blank - N/A

INSIDE GLAZED FX45 FIXED GLAZING CHART	GLASS OR PANEL		
	1/4"	1"	1-1/2"
INSULATED GLASS		A	A
DUAL GLAZE WITH BLINDS	I		





Series SX45 Horizontal Slider • Series FX45 Fixed 4 1/2" High Performance Thermal, Architectural Grade Windows

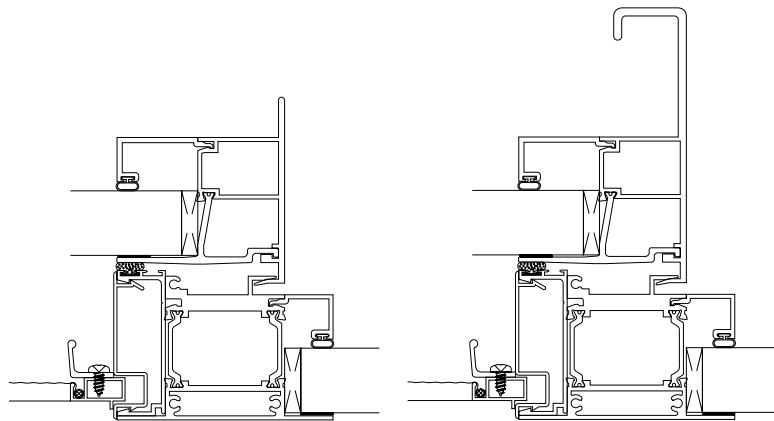


SX45 HIGH PERFORMANCE THERMAL HORIZONTAL SLIDING WINDOW

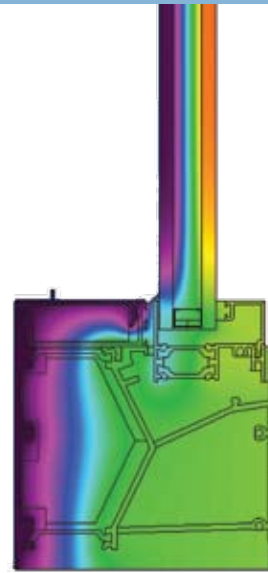
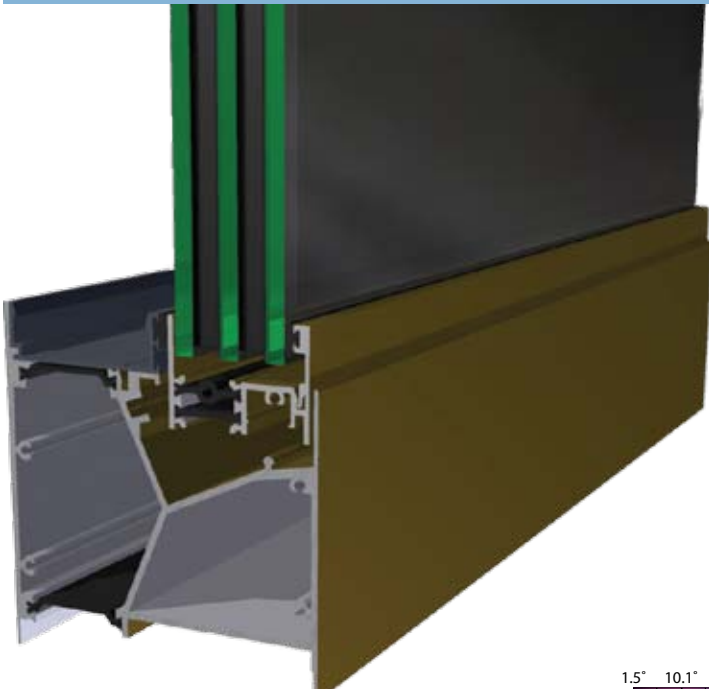
The SX45 is loaded with options to fit many applications while providing an industry leading U-Factor. The energy efficient design provides a substantial improvement in the interior frame temperatures as well. Designed to meet the increasing demand for thermally superior products needed in schools, government buildings and green construction, EFCO's SX45 horizontal sliding window sets a new standard. The outstanding U-Factor provides demonstrable energy savings when used in conjunction with building envelope performance software.

Features

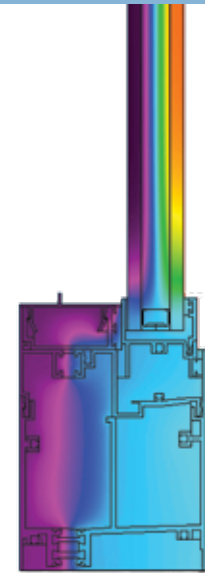
- 4 1/2" Frame depth
- XO, OX, OXO, XOX configurations
- 10 lb water (12 optional)
- AW45 standard rating
- AW70 optional rating
- Fully strutted- 2 color availability
- 1 1/2" glass pocket
- U-Factor with EFCO stock glass .34
- Fixed mate, series FX45
 - U-Factor = .31



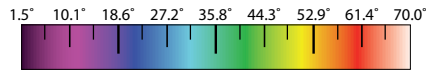
Series SX45 Horizontal Slider • Series FX45 Fixed 4 1/2" High Performance Thermal, Architectural Grade Windows



SX45



3500



Frame Temp. Comparisons

Interior Temp = 70° F
Exterior Temp = 0° F
Glass Type: 1" (SB60 on #2 with Argon)

PERFORMANCE DATA

SX45 HORIZONTAL SLIDER

AAMA RATING (NAFS-02) AW-PG45-HS/AW-PG70-HS
WATER NO LEAKAGE @ 15 PSF
STRUCTURAL 45 OR 70 PSF
CRF-GLASS (1503-98) PREMIUM MODEL 64
CRF-FRAME (1503-98) PREMIUM MODEL 77
SOUND TRANSMISSION BASE MODEL 36"

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
E = 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)
H = with laminated glass

SX45 THERMAL U-FACTORS*		
CENTER OF GLASS U-FACTOR	BASE MODEL	PREMIUM MODEL
	OX 59" X 47 1/4"	OX 59" X 47 1/4"
0.48	0.57	0.50
0.44	0.54	0.47
0.40	0.52	0.45
0.36	0.49	0.42
0.32	0.46	0.39
0.28	0.44	0.37
0.24	0.41	0.34
0.20	0.39	0.31
0.16	0.34	0.28
0.10	0.30	0.24

* Based on NFRC 100
**NFRC Gateway size

Some size restrictions may apply depending on hardware selected.

O -Optional
S -Standard
Blank - N/A

*-Obscure glass thickness
**-Laminated glass thickness

A-available glazing option
I-internal blinds can be used with this type of dual glazing
Blank - N/A

INSIDE GLAZED SX45 FIXED GLAZING CHART	GLASS OR PANEL	
	1"	1-1/2"
INSULATED GLASS	A	A

INSIDE GLAZED FX45 FIXED GLAZING CHART	GLASS OR PANEL		
	1/4"	1"	1-1/2"
INSULATED GLASS		A	A
DUAL GLAZE WITH BLINDS	A		





Series 450X, 450G Thermal 4 1/2" Heavy Commercial Projected Flush-Face Window



CONFIGURATIONS

Project-In • Project-Out • Casement In • Casement Out • Fixed

The 450X and 450G XTherm™ window series, were developed to meet the increasing energy efficiency demands of today's marketplace. The deeper strutted thermal break allows for triple glazing while also providing superior thermal separation of the framing materials. This window system is an attractive and versatile product that can be utilized on a wide range of applications from educational, to office and healthcare facilities. Offered with a complete line of thermal subframes, mullions and architectural sills, the 450X and 450G provides the complete solution for your fenestration needs.

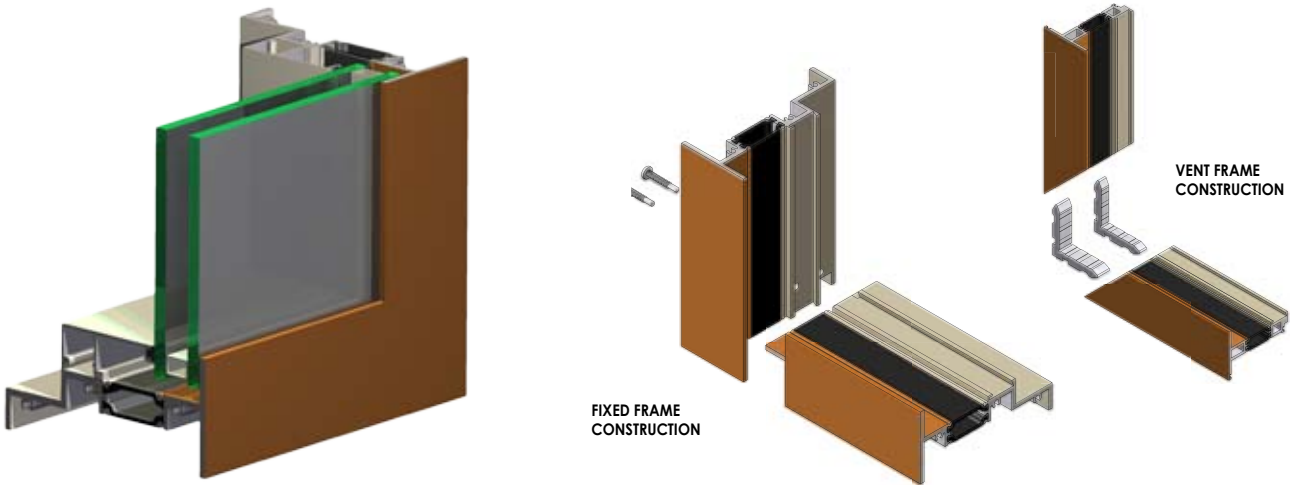
Features

Benefits

35 mm E-Strut™ thermal isolator	Exceptional U-Value performance Dual finish capability Eliminates potential for dry shrinkage
Vertical or horizontal stacking members	Increases configuration options
Dual glazing with optional integral blinds	Improved energy savings and interior light or privacy control with low maintenance
Pressure equalization	Superior water resistance
Angle reinforced vent corners	Improves sash/vent rigidity
Wide variety of locking and operating hardware available	Permits hardware options to address specific requirements
Accessory line of subframes, mullions, and architectural sills	Allows custom designs with standard product
Anodized or painted finishes available	Multiple options to answer economic and aesthetic concerns
Screen frames of extruded aluminum alloy are available	Stronger, more durable screens
Snap-In grid available with 450G version	Removes grid from glazing pocket Easily removed for exterior glass cleaning



Series 450X, 450G Thermal 4 1/2" Heavy Commercial Projected Flush-Face Window



PERFORMANCE DATA

FIXED ARCHITECTURAL GRADE

AAMA RATING (A440-05)	AW-PG140-FW
AIR INFILTRATION	<.10 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 15.0 PSF
CRF-FRAME (1503-98)	73"
CRF-GLASS (1503-98)	67"

CASEMENT ARCHITECTURAL GRADE

AAMA RATING (101-97)	AW-PG135-C
AIR INFILTRATION	<.10 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 15.0 PSF
CRF-FRAME (1503-98)	72"
CRF-GLASS (1503-98)	65"

*LOW E WITH ARGON

450X THERMAL U-FACTORS*						
CENTER OF GLASS U-FACTOR	CONFIGURATION AND SIZE					
	PO**	PO	PO Csmt**	PO Csmf	FX**	FX
	59" X 24"	60" X 66"	24" X 59"	54" X 84"	47" X 59"	65" X 77"
0.46	0.57	0.52	0.58	0.52	0.53	0.51
0.34	0.50	0.43	0.50	0.42	0.42	0.40
0.28	0.46	0.39	0.47	0.38	0.38	0.36
0.24	0.44	0.35	0.44	0.35	0.34	0.32
0.20	0.41	0.32	0.42	0.31	0.31	0.28
0.16***	0.33	0.26	0.34	0.25	0.24	0.22
0.12***	0.31	0.23	0.32	0.23	0.21	0.19

*BASED ON NFRC 100 **NFRC GATEWAY SIZE ***TRIPLE LITE INSULATED UNIT

S-450X HARDWARE CHART	BUTT HINGES	4-BAR ARMS	FRICTION ADJUSTER	KEY RELEASE LIMIT ARM	ROTOR OPERATOR*	CAM HANDLE	POLE RING CAM HANDLE	POLE RING PULL**	ACCESS CONTROLLED LOCK	LIFT LOCK
PROJECT-IN		S				S				O
PROJECT-OUT		S				S	O		O	O
CASEMENT INSWING WITH 4-BAR ARMS		S				S	O	O	O	O
CASEMENT OUTSWING WITH 4-BAR ARMS		S				S	O		O	O
CASEMENT INSWING WITH BUTT HINGES	S		O	O		S	O		O	O
CASEMENT OUTSWING WITH BUTT HINGES	S		S	O	O	S	O		O	O

Some size restrictions may apply depending on hardware selected.
 * Casements requiring roto operators will be furnished with lift locks, providing vents meet minimum width requirements.
 ** Pole ring pull will be furnished on project-out vents when optional pole ring cam handle is selected.
 O - Optional
 S - Standard
 Blank - N/A

S-450X GLAZING CHART	POLYCARBONATE		GLASS OR PANEL										
	3/16"	1/4"	3/16"	.200**	1/4"	1/4***	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
INSULATED GLASS							A	A	A		A	A	A
DUAL GLAZING	EXTERIOR LITE						I	A	A		A	A	
	INTERIOR LITE	A	A	A	A	A							

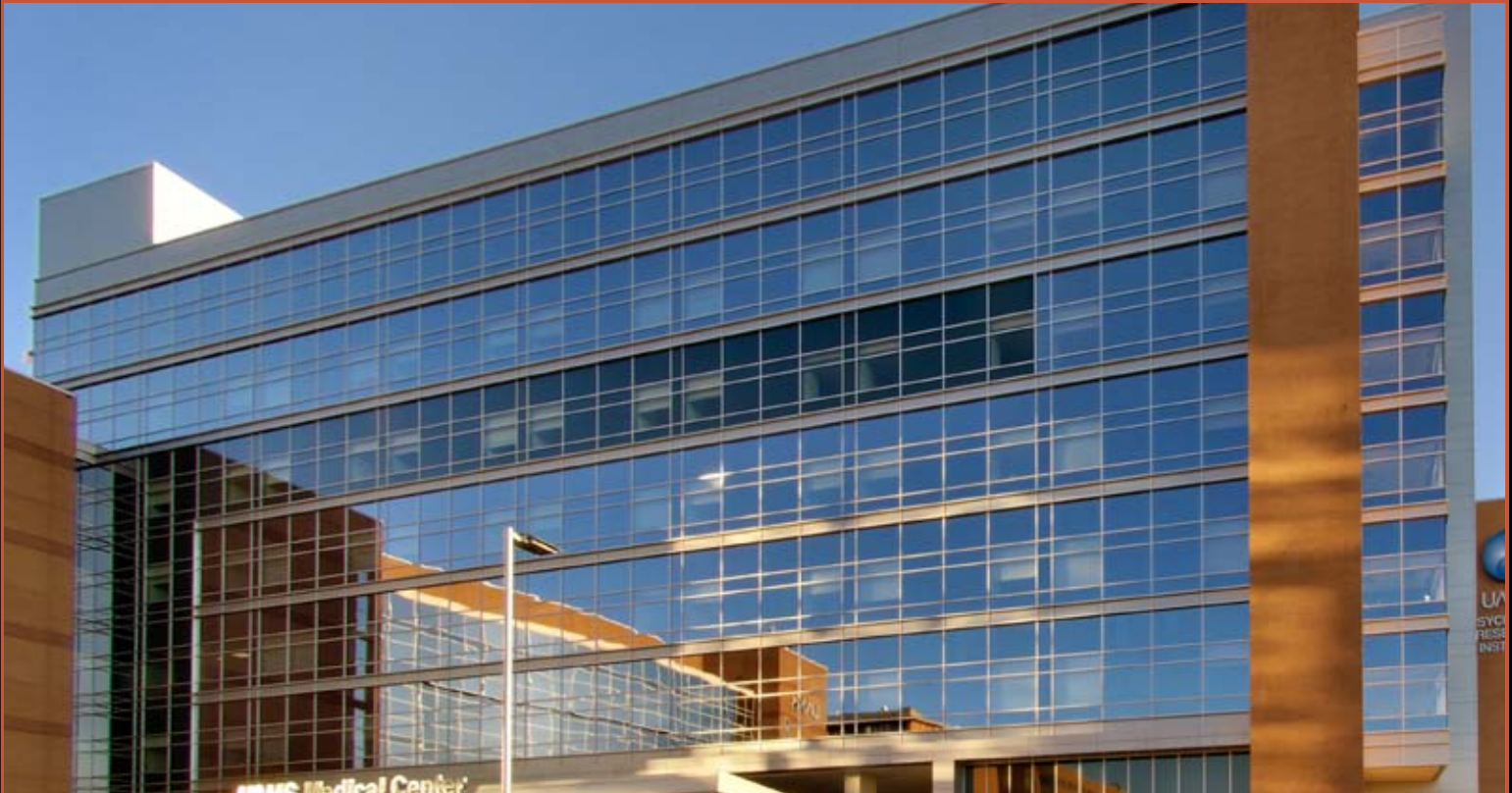
* Obscure glass thickness
 ** Laminated glass thickness
 A - Available glazing option
 I - Internal blinds can be used with this type of dual glazing
 Blank - N/A

S-450G GLAZING CHART	POLYCARBONATE		GLASS OR PANEL												
	3/16"	1/4"	3/16"	.200**	1/4"	1/4***	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-1/2"	1-3/4"	2"
INSULATED GLASS									A	A	A	A	A	A	A
DUAL GLAZING	EXTERIOR LITE						A	A		A			A		
	INTERIOR LITE	A	A	A	A	A									





System 5600 Thermal Curtain Wall with Duracast® Fiberglass Pressure Plate



CONFIGURATIONS

Outside Glazed with Duracast® Fiberglass Pressure Plate

The thermal qualities of the EFCO 5600 curtain wall are enhanced with the addition of a Pella patented Duracast fiberglass pultruded material. Utilizing this advanced technology, EFCO has designed a pressure plate that is 300 times better than an aluminum pressure plate for thermal conductance, while providing an overall 30% gain in frame and glass U-factor and 10% improvement in CRF. In addition to outstanding thermal improvement, Duracast fiberglass composite is stronger than conventional fiberglass due to a proprietary manufacturing process. The use of Duracast also eliminates the need for a gasket type thermal isolator between the mullion and pressure plate.

Features

- Available for 2¼" and 2½" width systems
- Pella's patented fiberglass composite
- Thermal isolator not required
- Alternative to aluminum pressure plate
- Various mullion depths
- Wide variety of snap-on face covers

Roll-On horizontals

Anodized and painted finishes available

Duracast® is a registered trademark of the Pella Corporation

Benefits

Provides design flexibility

Improves U-Factor and CRF values

Fewer installation steps

Comparable structural values

Increased design flexibility

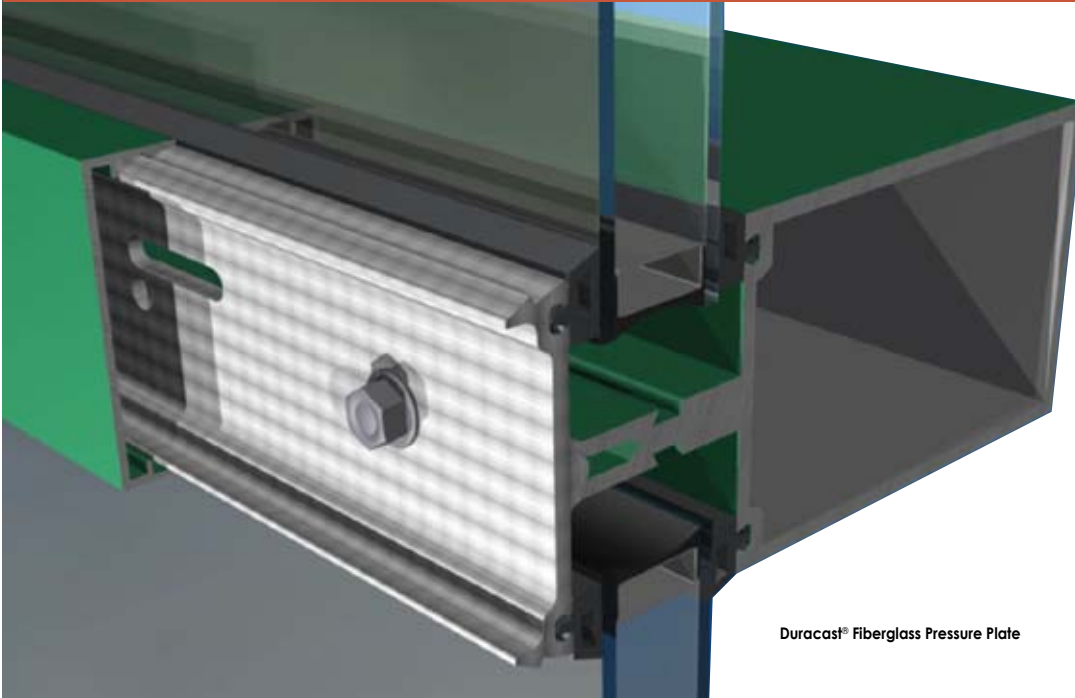
Customize projects with face covers of various depths and profiles

Allows for concealed fasteners and installation options

Multiple options to answer economic and aesthetic concerns



System 5600 Thermal Curtain Wall with Duracast® Fiberglass Pressure Plate



Duracast® Fiberglass Pressure Plate

PERFORMANCE DATA

SERIES 5600 OUTSIDE GLAZED CURTAIN WALL

AIR INFILTRATION<.06 CFM/SF @ 6.24 PSF
 WATERNO LEAKAGE >15.0 PSF
 STRUCTURALvisit MyEFCO at www.efcocorp.com
 CRF-FRAME (1503-09)74'
 STC [E 90-02]29'

1 = 1" insulated- 1/4" clear (Low Emissivity), 1/2" argon, 1/4" clear

AVAILABLE SYSTEM DEPTHS	SYSTEM DEPTH											
	3-7/8"	4-1/2"	5"	6"	6-1/2"	7"	7-1/4"	7-1/2"	8"	9"	10"	10-1/4"
OUTSIDE GLAZED 2-1/4"			A	S		A			A	A	A	
OUTSIDE GLAZED 2-1/2"	A	A		A	A		A	A	A	A		A

A - Available System Depth
 Blank - N/A

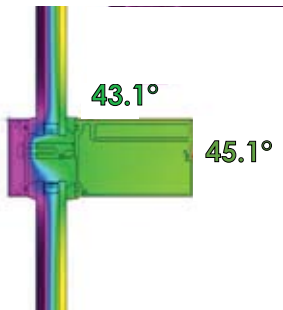
INTEGRAL S-5600 GLAZING CHART	POLYCARBONATE			GLASS OR PANEL													
	1/8"	3/16"	1/4"	1/8"	.156**	3/16"	.200**	1/4"	1/4**	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	
OUTSIDE GLAZED 2-1/4"	MONOLITHIC GLASS	C	C	A	C	C	C	C	A	A	A	C	C	C			
	INSULATED GLASS														A	C	
OUTSIDE GLAZED 2-1/2"	MONOLITHIC GLASS	C	C	C	C	C	C	C	C	C	C	C	C				
	INSULATED GLASS													A	C	C	

5600 DURACAST THERMAL U-FACTORS*		
CENTER OF GLASS U-FACTOR	CONFIGURATION & SIZE	
	FX/FX** 78 3/4" X 78 3/4"	FX/FX 120" X 120"
.46	.51	.48
.34	.41	.38
.30	.37	.34
.24	.32	.29
.20	.29	.26

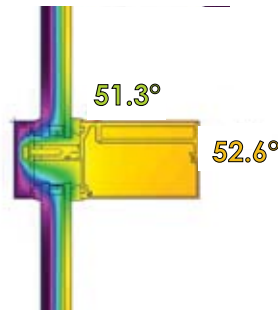
*Based on NFRC 100
 ** NFRC Gateway Size

*-Obscure glass thickness
 **-Laminated glass thickness

A - Available glazing option
 C - Custom pressure plate, adaptor and/or gasket required
 Blank - N/A



Aluminum Pressure Plate



Duracast® Fiberglass Pressure Plate

Thermal Comparisons Interior Frame Temp. Comparisons

Calculated according to NFRC 100
 Interior Temp = 70° F
 Exterior Temp = 0° F





System 5500X

2 1/2" Thermal E-Strut™ Curtain Wall System



CONFIGURATIONS

Outside Glazed • 2-sided Structural Silicone Glazed

The 5500X is EFCO's newest 2 1/2" wide curtain wall system that offers extraordinary thermal performance using a 38mm E-Strut™ which can achieve values as low as .19 U-factor. Available in system depths of 7" and 8" as well as an extensive library of accessories provides a wide range of configuration and applications to meet about any thermally demanding specification and aesthetic design.

Features

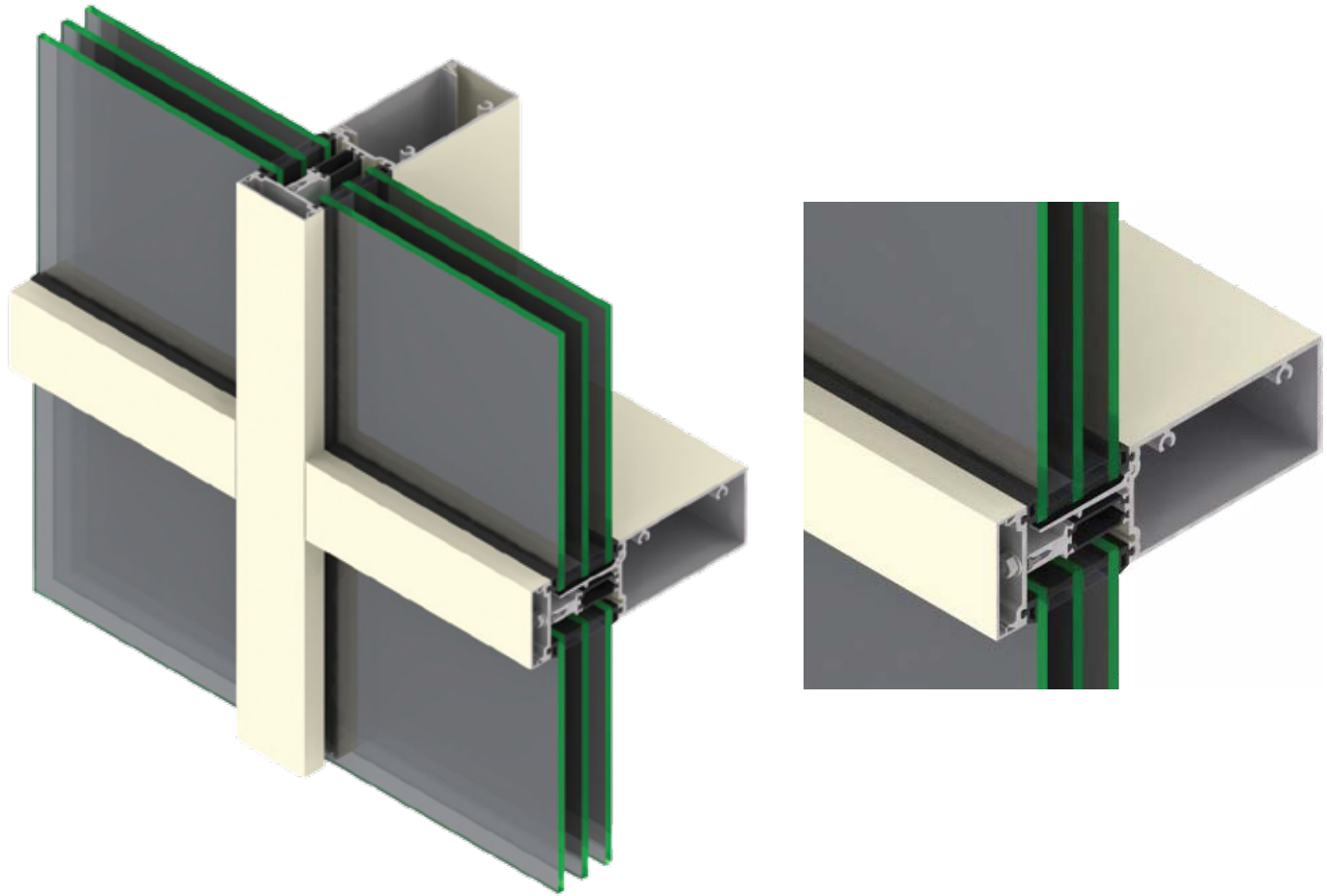
Benefits

38mm E-Strut™ thermal isolator	Improves U-Factor performance
7" and 8" mullion depth available	Dual finish capability
Screw spline construction	Design flexibility
Accommodates up to 2-1/4" infill	Allows assembly of sections prior to installation
Wide variety of snap-on face covers	Decreases installation time
Integral door adaptors	Expands design and energy savings options
Anodized Class I and painted finishes (AAMA 2604 & 2605) available	Customize projects with face covers of various depths and profiles
	Compatible with 2" ThermaStile™ doors
	Provides multiple color and finish options



System 5500X

2 1/2" Thermal E-Strut™ Curtain Wall System



PERFORMANCE DATA

SERIES 5500 OUTSIDE GLAZED CURTAIN WALL
 AIR INFILTRATION.....<.06 CFM/SF @ 6.24 PSF
 WATER.....NO LEAKAGE @ 15.0 PSF
 STRUCTURAL.....visit MyEFCO at www.efcocorp.com

5500X GLAZING CHART	GLASS OR PANEL		
	1-3/4"	2"	2-1/4"
OUTSIDE GLAZED	A	S	A

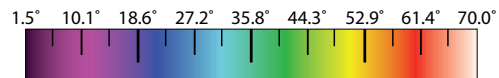
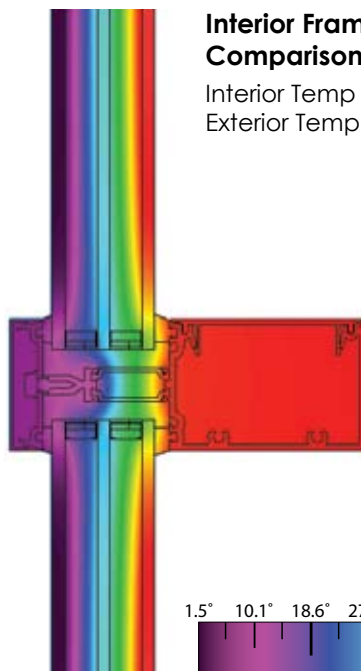
A- Available Glazing Option
 S- Standard Glazing
 Blank - N/A

CENTER OF GLASS U-FACTOR	5500X THERMAL U-FACTORS*	
	CONFIGURATION AND SIZE	
	FX/FX** 78 3/4" X 78 3/4"	FX/FX 160" X 160"
0.30	0.36	0.32
0.28	0.34	0.30
0.24	0.30	0.27
0.20	0.27	0.23
0.18	0.25	0.21
0.14	0.22	0.18
0.12	0.20	0.16

* Based on NFRC 100
 **NFRC Gateway size

Interior Frame Temp. Comparisons

Interior Temp = 70° F
 Exterior Temp = 0° F





E-Shade™ Sunshades



CONFIGURATIONS

System 5500, System 5600, System 5900

EFCO's E-Shade™ product family is designed to provide an economical solution for reducing solar heat gain and glare while allowing natural daylight into the building. E-Shade is available in 5 standard lengths and is designed to integrate with EFCO Curtain Wall Systems.

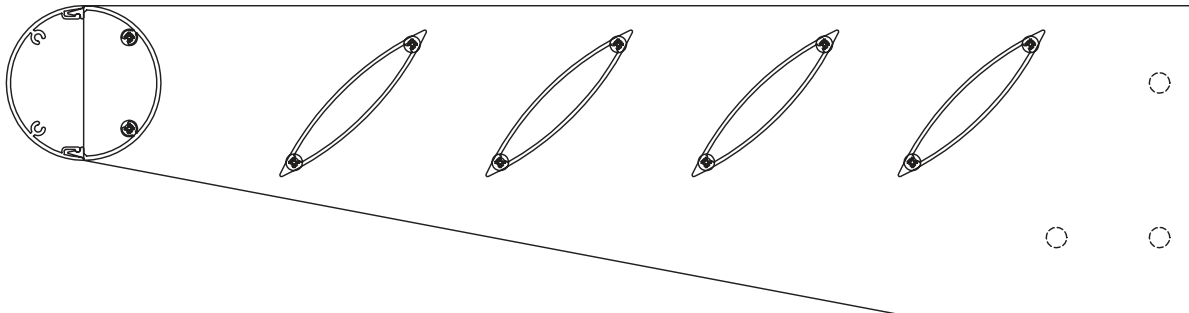
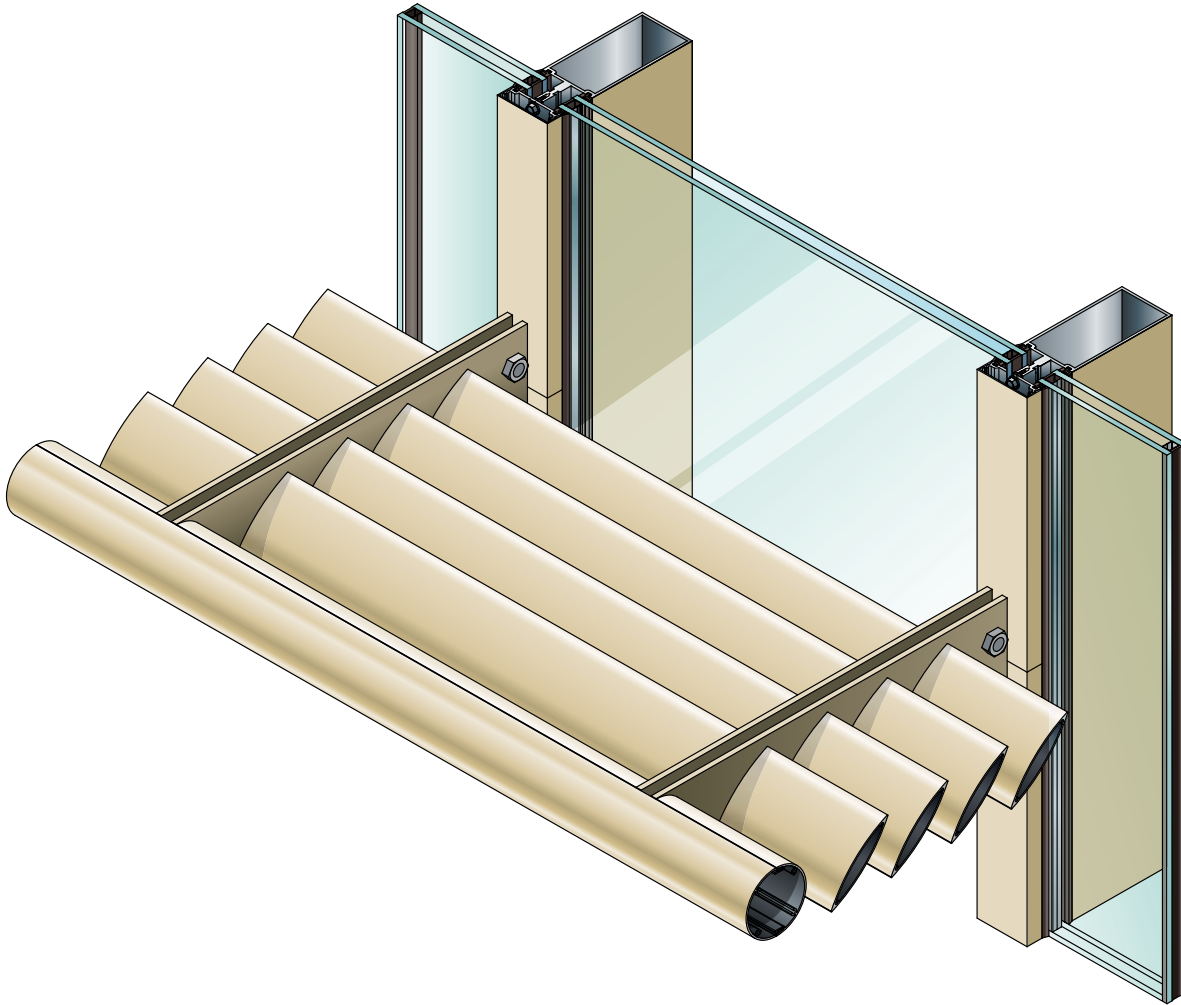
Features

Benefits

Sunshade "Arms" available in (5) standard lengths: 20", 24", 28", 32" and 36".	Design flexibility
Screw spline construction	Ease of installation at job site
Sunshade "Blades" available in seven standard shapes: 2 1/2" deep to 4" deep by 3/4" wide.	Design flexibility
All Sunshade components fabricated from 6063-T6 aluminum.	Consistent quality, finish to match curtain wall
Sunshade "Clip" and "Arm" are fabricated on CNC machine.	Consistent quality, design flexibility
Sunshade designed specifically for EFCO curtain wall systems.	"Seamless" design, single source responsibility
Anodized and painted finishes available	Multiple options to answer economic and aesthetic concerns



E-Shade™ Sunshades





E-Lite™ and EZ-Lite Fixed and Sliding Interior Light Shelves



CONFIGURATIONS

EFCO's Interior Light Shelves are designed to channel natural day light into an occupied space, reducing the need for artificial lighting therefore conserving energy. E-Lite™ and EZ-Lite are offered in several different depths to meet any design requirement when energy conservation is critical in building design.

Features

Screw spline construction

All Interior Light Shelf components are fabricated from 6063-T6 aluminum

E-Lite™ is designed specifically for EFCO curtain wall and storefront systems

EZ-Lite is designed to slide and swing for glass and shelf maintenance

Anodized and painted finishes available

Compatible with 2¼", 2½" and 3" curtain wall systems (5500, 5500X, 5600, 5800, 5900, 8800 & 8750)

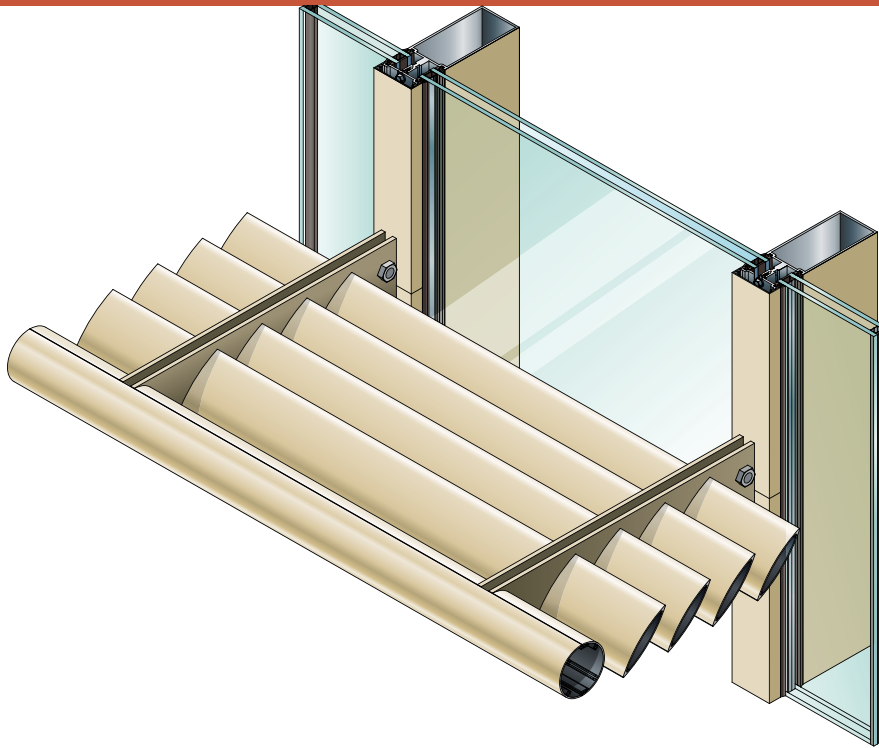
Compatible with 2¼" storefront systems (403I, 525 or 526)



EZ-Lite Operation



E-Lite™ Interior Light Shelf



PERFORMANCE DATA

SERIES 5900 OUTSIDE GLAZED CURTAIN WALL

AIR INFILTRATION	<.06 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 15.0 PSF
STRUCTURAL	SEE WIND LOAD CHARTS
CRF-FRAME (1503-98)	.68 ^E
CRF-GLASS (1503-98)	.64 ^E
STC (E 90-02)	30 ^E

SERIES 5900 INSIDE GLAZED CURTAIN WALL

AIR INFILTRATION	<.06 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 15.0 PSF
STRUCTURAL	SEE WIND LOAD CHARTS
CRF-FRAME (1503-98)	.68 ^E
CRF-GLASS (1503-98)	.64 ^E
STC (E 90-02)	30 ^E

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
E = 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 5900 2-SIDED OR 4-SIDED STRUCTURAL GLAZED CURTAIN WALL

AIR INFILTRATION	<.06 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 15.0 PSF
STRUCTURAL	SEE WIND LOAD CHARTS
CRF-FRAME (1503-98)	.68 ^{A,E}
CRF-GLASS (1503-98)	.64 ^{A,E}
STC (E 90-02)	30 ^{A,E}

SERIES 5900 CONCEALED VENT

AIR INFILTRATION	<.30 CFM/SF @ 6.24 PSF
WATER	NO LEAKAGE @ 15.0 PSF
STRUCTURAL	SEE WIND LOAD CHARTS
CRF-FRAME (1503-98)	.57 ^{A,E}
CRF-GLASS (1503-98)	.63 ^{A,E}
STC (E 90-02)	30 ^{A,E}

AVAILABLE SYSTEM DEPTHS	SYSTEM DEPTH				
	5"	6"	7"	8"	9"
OUTSIDE GLAZED	A	A	A	A	A
INSIDE GLAZED	A	A	A	A	A
2- AND 4-SIDED STRUCTURAL GLAZED	A	A	A	A	A
SLOPE GLAZED	A	A	A	A	A

A - Available System Depth
Blank - N/A

S-5900 OUTSIDE GLAZED, 2-SIDED & 4-SIDED STRUCTURAL GLAZED	POLYCARBONATE		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 GLASS	C		A		A	A				C										
INSULATED GLASS														A		C				

*-Obscure glass thickness
**-Laminated glass thickness

A - Available glazing option
C - Custom pressure plate, adaptor and/or gasket required
Blank - N/A

S-5900 INSIDE GLAZED	POLYCARBONATE		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 GLASS			A		A	A														
INSULATED GLASS														A						

