Laws and building and safety codes governing the design and use of glazed entrance, window, and cutrain wall products vary widely, Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

EC 97911-075 INDEX

FIXED WINDOW	3-6
PROJECT-IN WINDOW	7-10
PROJECT-OUT WINDOW	11-16
INSWING CASEMENT WINDOW	17-22
OUTSWING CASEMENT WINDOW	23-28
MULLIONS	29-31
RECEPTORS AND SUB SILLS	32
ANCHODING	33

LAWS AND BUILDING AND SAFETY CODES GOVERNING THE DESIGN AND USE OF GLAZED ENTRANCE, WINDOW, AND CURTAIN WALL PRODUCTS VARY WIDELY. KAWNEER DOES NOT CONTROL THE SELECTION OF PRODUCT CONFIGURATIONS, OPERATING HARDWARE, OR GLAZING MATERIALS, AND ASSUMES NO RESPONSIBILITY THEREFOR.

Metric (SI) conversion figures are included throughout these details for reference. Numbers in parentheses () are millimeters unless otherwise noted.

The following metric (SI) units are found in these details:

m - meter

cm - centimeter

mm - millimeter

s - second

Pa - pascal

MPa - megapascal

Kawneer reserves the right to change configurations without prior notice when deemed necessary for product improvement.



BLANK PAGE

EC 97911-075

Laws and building and safety codes governing the design and use of glazed entrance, window, and cutain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

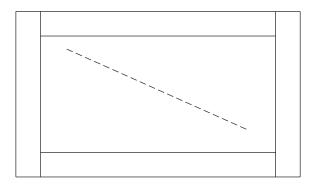
Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

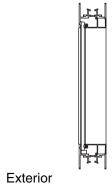


EC 97911-075 **FIXED WINDOW**

Features

- Architectural Grade Window
- Non-Thermally Broken Frames
- Screw and Spline Frame Corner Joinery
- Factory Silicone Glazed
- Interior Applied Glazing Bead with Bulb Gasket
- · Architectural Anodized Finishes and Applied Coatings
- Two Year Manufacturer's Warranty





Interior

Fixed Window

For specific product applications, Consult your Kawneer representative.



FIXED WINDOW

EC 97911-075

		-		
	ws and building and safety codes governing the design and use of glazed	trance, window, and curtain wall products vary widely. Kawneer does not control	selection of product configurations, operating hardware, or glazing materials,	
	codes do	wall pro	gurations,	
-	d sarety	d curtair	ict confi	
	bullaling an	window, an	on of produ	
	ws and	trance, \	selective	

O		
when		
notice		
prior		
without		
Inration		
confic		
neer reserves the right to change configuration without prior notice when d	ssary for product improvement.	
rigu	imp	
es the	roduct	
reser	y for p	
neer	ssar	

CLASS and GRA	DE	Architectu	Architectual Grade AW-PG100-FW			
TESTING STAND	STING STANDARD AAMA / WDMA / CSA 101 / I.S. 2 / A440 (NAFS)					
FRAME DEPTH 2-1/4" Overall Frame Depth						
TYPICAL WALL T	HICKNESS	.090 and .125 Nominal				
TYPICAL MAXIM	UM SIZE	60" x 99"				
TYPICAL MINIMU	JM SIZE	12" x 12"				
TYPICAL CONFIGURATIONS						
STANDARD INFILL OPTIONS 1/4" and 1"						
STANDARD HARDWARE Not Applicable						
OPTIONAL HARDWARE Not Applicable						
OTHER OPTIONS Unequal Leg Frames Exterior and/or Interior Applied Muntins Perimeters and Sills Exterior Pannings and Interior Trims Structural Mullions Vertically or Horizontally Stacked Access Panels and Blinds Silicone Field Glazed upon Request						
PERFORMANCE	Air Infiltration Cfm/ft²	Water Resistance PSF	Design Load PSF	Thermal Transmittance "U" Value	Condensation Resistance CRF	Sound Transmittance STC
	.10 @ 6.24 psf	15	100	n/a	n/a	n/a

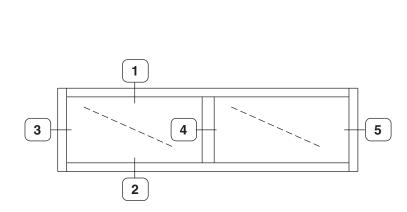


Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

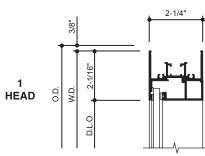
EC 97911-075 FIXED WINDOW

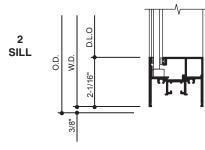
SCALE: 3" = 1'-0"

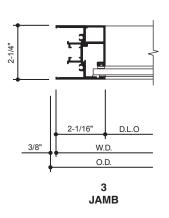
SCALE: 3 = 1-0

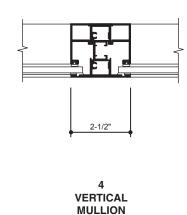


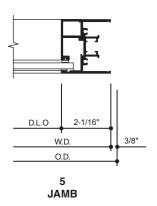
TYPICAL ELEVATION
Log onto www.kawneer.com for other configurations













BLANK PAGE

EC 97911-075

Laws and building and safety codes governing the design and use of glazed entrance, window, and cutain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or g

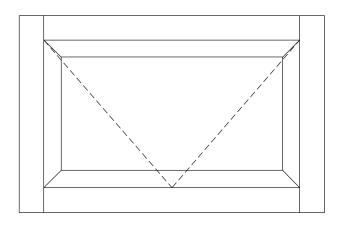
Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

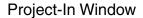


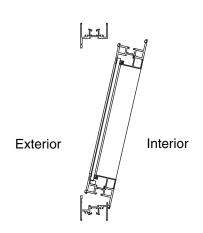
EC 97911-075 PROJECT-IN WINDOW

Features

- Architectural Grade Window
- Non-Thermally Broken Frames
- Mitered, Clipped and Staked Vent Corner Joinery
- Screw and Spline Frame Corner Joinery
- Factory Silicone Glazed
- Interior Applied Glazing Bead with Bulb Gasket
- Architectural Anodized Finishes and Applied Coatings
- Two Year Manufacturer's Warranty
- Compatible with Storefront and Curtain Wall Systems







For specific product applications, Consult your Kawneer representative.



use of glazed	eer does not control	glazing materials,
Laws and building and safety codes governing the design and use of glazed	entrance, window, and curtain wall products vary widely. Kawneer does not control	the selection of product configurations, operating hardware, or glazing materials,
Lawsar	entrance	the sele

notic		
prior		
without		
onriguration		
Rawneer reserves the right to change configuration without prior hotig	necessary for product improvement.	
serves me	or product i	
Kawneer res	necessary for	

CLASS and GRA	DE	Architectu	Architectual Grade AP-HC90 / AP-AW90 / AP-PG90-AP			
TESTING STAND	ARD	AAMA / WDMA / CSA 101 / I.S. 2 / A440 (NAFS)				
FRAME DEPTH		2-1/4" Overall Frame Depth				
TYPICAL WALL T	HICKNESS	.090 and .	.090 and .125 Nominal			
TYPICAL MAXIM	UM SIZE	60" x 48"				
TYPICAL MINIMU	IM SIZE	17" x 17"				
TYPICAL CONFIC	GURATIONS					
STANDARD INFILL OPTIONS 1/4" and 1"						
STANDARD HAR	DWARE	ARE Stainless Steel 4-Bar Hinges Cast White Bronze Cam Locks				
OPTIONAL HARD	Access Control Locks Limit Stop Pole and Pole Ring					
OTHER OPTIONS	5	Unequal Leg Frames Exterior and/or Interior Applied Muntins Insect Screens Perimeters and Sills Exterior Pannings and Interior Trims Structural Mullions Vertically or Horizontally Stacked Access Panels and Blinds Silicone Field Glazed upon Request				
PERFORMANCE	Air Infiltration Cfm/ft²	Water Resistance PSF	Design Load PSF	Thermal Transmittance "U" Value	Condensation Resistance CRF	Sound Transmittance STC
	.10 @ 6.24 psf	15	90	n/a	n/a	n/a



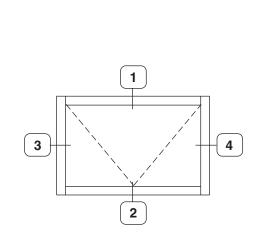
© Kawneer Company, Inc., 2011

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

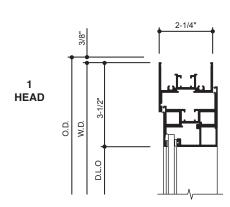
EC 97911-075

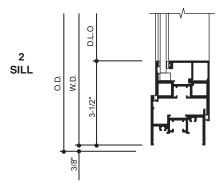
PROJECT-IN WINDOW

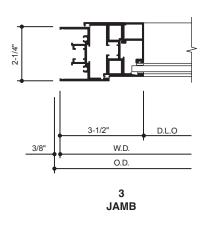
SCALE: 3" = 1'-0"

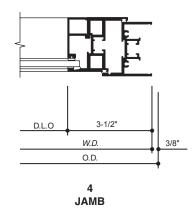


TYPICAL ELEVATION
Log onto www.kawneer.com for other configurations









STAINLESS STEEL 4 BAR HINGES



A standard hinge for ventilators providing approximately 45° to 60° openings depending on size. An optional limit stop is available to restrict hinge travel and limit vent opening.

STANDARD CAM HANDLE



Cast white bronze cam handles are standard for the manual operation and locking of ventilators.

CAM HANDLE WITH POLE RING



Cast white bronze cam handles with pole ring provide manual operation of ventilators located above reach.

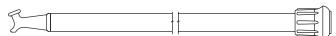
These handles are operated with a sash pole.

POLE RING



Cast white bronze pole ring is used in conjunction with locking hardware for sash pole operation of ventilators.

SASH POLE



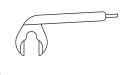
HANGER FOR SASH POLE



A 3/4" diameter aluminum sash pole with a cast white bronze pull down hook and black rubber tip.

Available in 6 ft. and 12 ft. lengths with optional cast white bronze pole hanger.

ACCESS CONTROL LOCK



In lieu of the standard cam handles cast white bronze access control locks are offered for managed control of vent operations. Lock is operated with a manganese bronze removable handle.



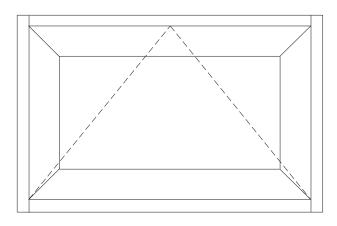
Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.



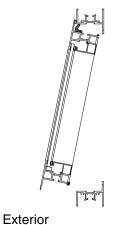
EC 97911-075 PROJECT-OUT WINDOW

Features

- Architectural Grade Window
- Non-Thermally Broken Frames
- · Mitered, Clipped and Staked Vent Corner Joinery
- Screw and Spline Frame Corner Joinery
- Factory Silicone Glazed
- Interior Applied Glazing Bead with Bulb Gasket
- Architectural Anodized Finishes and Applied Coatings
- Two Year Manufacturer's Warranty
- · Compatible with Storefront and Curtain Wall Systems







Interior

For specific product applications, Consult your Kawneer representative.



PROJECT-OUT WINDOW

EC 97911-075

CLASS and GRADE Architectual Grade AP-HC90 / AP-AW90 / AW-PG90-AP					
TESTING STANDARD	AAMA / W	/DMA / CSA 101	/ I.S. 2 / A440 (I	NAFS)	
FRAME DEPTH	2-1/4" Ove	erall Frame Dept	:h		
TYPICAL WALL THICKNESS	.090 and .	125 Nominal			
TYPICAL MAXIMUM SIZE 60" x 89"					
TYPICAL MINIMUM SIZE	17" x 17"				
TYPICAL CONFIGURATIONS					
STANDARD INFILL OPTIONS 1/4" and 1"					
STANDARD HARDWARE Stainless Steel 4-Bar Hinges Cast White Bronze Cam Locks 88SS Support Arm (Units over 50" in height)					
OPTIONAL HARDWARE	Hook Bolt Pivot Shoe				
OTHER OPTIONS	Exterior and Insect Scruperimeters Exterior Postructural Vertically of Access Page 1	s and Sills annings and Inte	erior Trims Stacked		
Air	Water Resistance	Design Load	Thermal Transmittance	Condensation Resistance	Sound Transmittance
PERFORMANCE Infiltration Cfm/ft²	PSF	PSF	"U" Value	CRF	STC

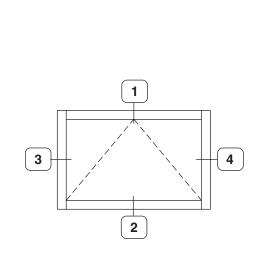


Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

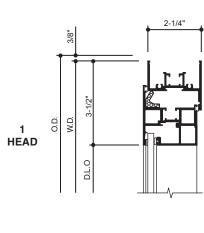
© Kawneer Company, Inc., 2011

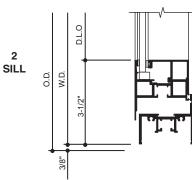
EC 97911-075 PROJECT-OUT WINDOW

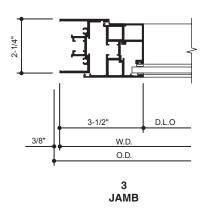
SCALE: 3" = 1'-0"

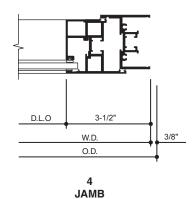


TYPICAL ELEVATION
Log onto www.kawneer.com for other configurations



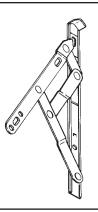






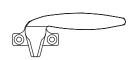
EC 97911-075

STAINLESS STEEL 4 BAR HINGES



A standard hinge for ventilators providing approximately 45° to 60° openings depending on size. An optional limit stop is available to restrict hinge travel and limit vent opening.

STANDARD CAM HANDLE



Cast white bronze cam handles are standard for the manual operation and locking of ventilators.

CAM HANDLE WITH POLE RING



Cast white bronze cam handles with pole ring provide manual operation of ventilators located above reach.

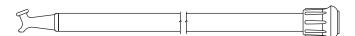
These handles are operated with a sash pole.

POLE RING



Cast white bronze pole ring is used in conjunction with locking hardware for sash pole operation of ventilators.

SASH POLE



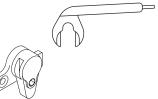
HANGER FOR SASH POLE



A 3/4" diameter aluminum sash pole with a cast white bronze pull down hook and black rubber tip.

Available in 6 ft. and 12 ft. lengths with optional cast white bronze pole hanger.

ACCESS CONTROL LOCK



In lieu of the standard cam handles cast white bronze access control locks are offered for managed control of vent operations. Lock is operated with a manganese bronze removable handle.

KAWNEER
AN ALCOA COMPANY

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

s governing the design and use of glazed products vary widely. Kawneer does not or

PROJECT-OUT WINDOW

PIVOT-SHOE ROTO-OPERATOR

Optional pivot shoe roto operator is located on the center line of the bottom horizontal frame.

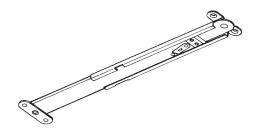
Standard finish shall be brushed copper nickel to match US-25-D.

HOOK BOLT LOCK



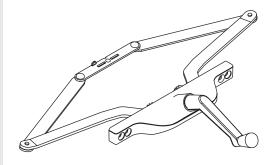
For use with pivot-shoe roto operator in lieu of cam handles. Standard finish shall be US-25-D clear white bronze.

88SS SUPPORT ARM



Support arms are used when window height exceeds 50-1/2". When fully extended, the hardware automatically retains the ventilator in an open position.

SCISSORS ARM ROTO OPERATOR



Optional scissor arm roto operator is located on the center line of the bottom horizontal frame.

Standard finish shall be brushed copper nickel to match US-25-D.



BLANK PAGE EC 97911-075

Laws and building and safety codes governing the design and use of glazed entrance, window, and cutain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or g

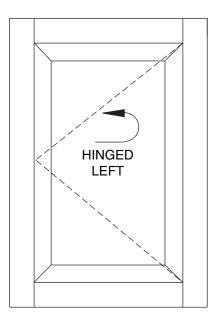


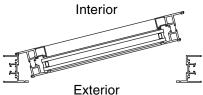
INSWING CASEMENT WINDOW

EC 97911-075

<u>Features</u>

- Architectural Grade Window
- Non-Thermally Broken Frames
- Mitered, Clipped and Staked Vent Corner Joinery
- Screw and Spline Frame Corner Joinery
- Factory Silicone Glazed
- Interior Applied Glazing Bead with Bulb Gasket
- Architectural Anodized Finishes and Applied Coatings
- Two Year Manufacturer's Warranty
- Compatible with Storefront and Curtain Wall Systems





Inswing Casement Window

For specific product applications, Consult your Kawneer representative.

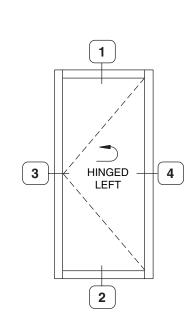


pe	ot control	terials,
Laws and building and safety codes governing the design and use of glazed	entrance, window, and curtain wall products vary widely. Kawneer does not control	the selection of product configurations, operating hardware, or glazing materials,
ning the design	s vary widely. K	erating hardware
ty codes govern	ain wall product	figurations, ope
ilding and safe	ndow, and curt	of product cor
Laws and bur	entrance, wir	the selection

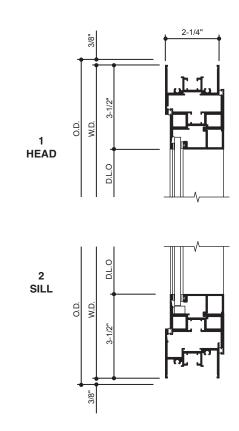
01.400 1.07.1	DE	A . 1.71	-101-0122	00 / 00 A14/00 / 21/	W DOOG C	
CLASS and GRADE Architectual Grade C-HC90 / C-AW90 / AW-PG90-C						
TESTING STANDARD AAMA / WDMA / CSA 101 / I.S. 2 / A440 (NAFS)						
FRAME DEPTH	FRAME DEPTH 2-1/4" Overall Frame Depth					
TYPICAL WALL T	HICKNESS	.090 and .125 Nominal				
TYPICAL MAXIMUM SIZE		36" x 60"				
TYPICAL MINIMU	JM SIZE	17" x 17"				
TYPICAL CONFIGURATIONS						
STANDARD INFILL OPTIONS 1/4" and 1"						
STANDARD HARDWARE Stainless Steel 4-Bar Hinges Cast White Bronze Cam Locks						
OPTIONAL HARDWARE Access Control Locks Limit Stop Pole and Pole Ring Butt Hinges Keyed Limit Arm Friction Adjustor						
OTHER OPTIONS Unequal Leg Frames Exterior and/or Interior Applied Muntins Insect Screens Perimeters and Sills Exterior Pannings and Interior Trims Structural Mullions Vertically or Horizontally Stacked Access Panels and Blinds Silicone Field Glazed upon Request						
PERFORMANCE	Air Infiltration Cfm/ft²	Water Resistance PSF	Design Load PSF	Thermal Transmittance "U" Value	Condensation Resistance CRF	Sound Transmittance STC
	.10 @ 6.24 psf	15	90	n/a	n/a	n/a

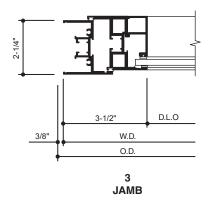


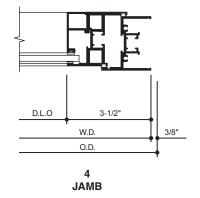
SCALE: 3" = 1'-0"

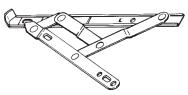


TYPICAL ELEVATION
Log onto www.kawneer.com for other configurations









A standard hinge for ventilators providing approximately 45° to 60° openings depending on size. An optional limit stop is available to restrict hinge travel and limit vent opening.

STANDARD CAM HANDLE



Cast white bronze cam handles are standard for the manual operation and locking of ventilators.

CAM HANDLE WITH POLE RING



Cast white bronze cam handles with pole ring provide manual operation of ventilators located above reach.

These handles are operated with a sash pole.

POLE RING



Cast white bronze pole ring is used in conjunction with locking hardware for sash pole operation of ventilators.

SASH POLE



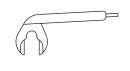
HANGER FOR SASH POLE



A 3/4" diameter aluminum sash pole with a cast white bronze pull down hook and black rubber tip.

Available in 6 ft. and 12 ft. lengths with optional cast white bronze pole hanger.

ACCESS CONTROL LOCK



In lieu of the standard cam handles cast white bronze access control locks are offered for managed control of vent operations. Lock is operated with a manganese bronze removable handle.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

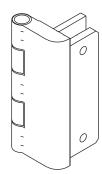
s governing the design and use of glazed products vary widely. Kawneer does not control ons, operating hardware, or glazing materials,



EC 97911-075

INSWING CASEMENT WINDOW

BUTT HINGES



An optional hinge for ventilators providing a full 90° opening. Butt hinges shall be finished to match the window.

FRICTION ADJUSTOR



Friction adjustors shall be used with butt hinges for additional friction for control of the ventilator.

KEYED LIMIT ARM



Key released limit arms may be used to restrict ventilator opening when used with butt hinges.

© Kawneer Company, Inc., 2011

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes to responsibility therefor.

BLANK PAGE

EC 97911-075

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

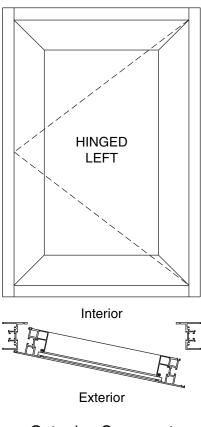
Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.



7225 Non-Thermal Windows

Features

- Architectural Grade Window
- Non-Thermally Broken Frames
- Mitered, Clipped and Staked Vent Corner Joinery
- Screw and Spline Frame Corner Joinery
- Factory Silicone Glazed
- Interior Applied Glazing Bead with Bulb Gasket
- Architectural Anodized Finishes and Applied Coatings
- Two Year Manufacturer's Warranty
- · Compatible with Storefront and Curtain Wall Systems



Outswing Casement Window

For specific product applications, Consult your Kawneer representative.

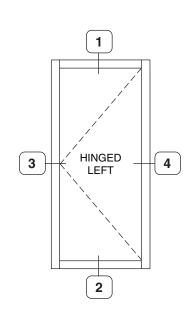


5		
willout		
Nawheel leselves the right to charige comiguration without pr	necessary for product improvement.	
200	produc	
200	y for p	
Naw Idea	necessar	

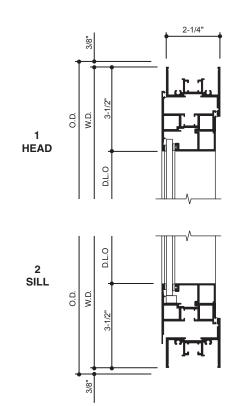
CLASS and GRA	DE	Architectual Grade C-HC90 / C-AW90 / AW-PG90-C					
TESTING STAND	AAMA / W	AAMA / WDMA / CSA 101 / I.S. 2 / A440 (NAFS)					
FRAME DEPTH		2-1/4" Overall Frame Depth					
TYPICAL WALL T	HICKNESS	.090 and .125 Nominal					
TYPICAL MAXIM	UM SIZE	36" x 60"					
TYPICAL MINIMU	IM SIZE	17" x 17"					
TYPICAL CONFIC							
STANDARD INFIL	STANDARD INFILL OPTIONS 1/4" and 1"						
STANDARD HARDWARE		Stainless Steel 4-Bar Hinges Cast White Bronze Cam Locks					
OPTIONAL HARE	OWARE	Butt Hinges Access Control Locks Hook Bolt Lock or Multi-Point Lock Limit Stop Pole and Pole Ring Friction Adjustor Keyed Limit Arm Roto Operator					
OTHER OPTIONS		Unequal Leg Frames Exterior and/or Interior Applied Muntins Insect Screens Perimeters and Sills Exterior Pannings and Interior Trims Structural Mullions Vertically or Horizontally Stacked Access Panel and Blinds Silicone Field Glazed upon Request					
PERFORMANCE	Air Infiltration Cfm/ft²	Water Resistance PSF	Design Load PSF	Thermal Transmittance "U" Value	Condensation Resistance CRF	Sound Transmittance STC	
	.10 @ 6.24 psf	15	90	n/a	n/a	n/a	

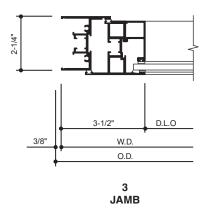


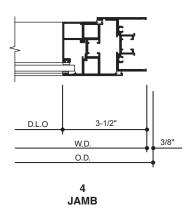
SCALE: 3" = 1'-0"



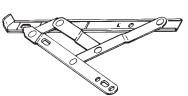
TYPICAL ELEVATION
Log onto www.kawneer.com for other configurations





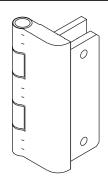


design and use of glazed idely. Kawneer does not control



A standard hinge for ventilators providing approximately 45° to 60° openings depending on size. An optional limit stop is available to restrict hinge travel and limit vent opening.

BUTT HINGES



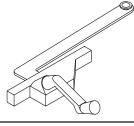
An optional hinge for ventilators providing a full 90° opening. Butt Hinges shall be finished to match the window.

FRICTION ADJUSTOR



Friction adjustors shall be used with butt hinges for additional friction for control of the ventilator.

ROTO OPERATOR



Roto operators are used with butt hinges only and located at the bottom horizontal frame. Standard finish shall be brushed copper nickel to match US-25-D.

STANDARD CAM HANDLE



Cast white bronze cam handles are standard for the manual operation and locking of ventilators.

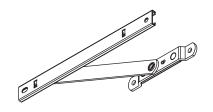
CAM HANDLE WITH POLE RING



Cast white bronze cam handles with pole ring provide manual operation of ventilators located above reach.

These handles are operated with a sash pole.

KEYED LIMIT ARM



Key released limit arms may be used to restrict ventilator opening when used with butt hinges.

Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

kawneer.com

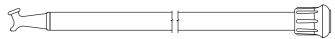
© Kawneer Company, Inc., 2011

POLE RING



Cast white bronze pole ring is used in conjunction with locking hardware for sash pole operation of ventilators.

SASH POLE



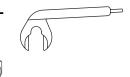
HANGER FOR SASH POLE



A 3/4" diameter aluminum sash pole with a cast white bronze pull down hook and black rubber tip.

Available in 6 ft. and 12 ft. lengths with optional cast white bronze pole hanger.

ACCESS CONTROL LOCK



In lieu of the standard cam handles cast white bronze access control locks are offered for managed control of vent operations. Lock is operated with a manganese bronze removable handle.

HOOK BOLT LOCK



Optional hook bolt lock in lieu of cam handle. Standard finish shall be US-25-D clear white bronze.

MULTI-POINT LOCK



Optional single locking handle for concealed multi-point locks located on the vertical frame. Standard finish shall be US-25-D clear white bronze.

ESCAPE WINDOW SIGN

Vinyl escape window sign. Colors are white letters on red background.

ESCAPE WINDOW

RESCUE WINDOW SIGN



Vinyl rescue window sign with lettering on both sides. Colors are black letters on a yellow background.



BLANK PAGE

28

AGE EC 97911-075

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.



© Kawneer Company, Inc., 2011

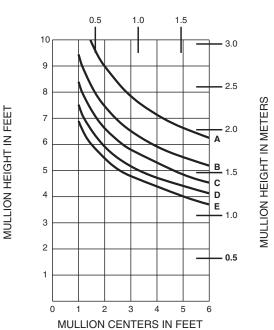
Laws and building and safety codes governing the design and use of glazed entrance, window, and cutrain wall products vary widely, Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

MULLIONS

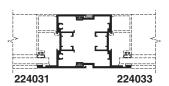
WIND LOAD CHARTS:

THESE CHARTS ARE BASED ON A MAXIMUM DEFLECTION OF L\175 AND\OR A MAXIMUM STRESS OF 15,152 PSI (104 MPa).

MULLION CENTERS IN METERS

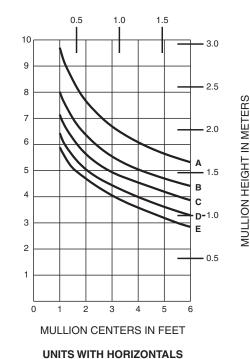


A = 20 PSF (958)B = 35 PSF (1436) C = 50 PSF (2394)D = 70 PSF (3352)E = 90 PSF (4309)

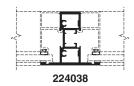


UNITS WITH HORIZONTALS

MULLION CENTERS IN METERS



A = 20 PSF (958)B = 35 PSF (1436)C = 50 PSF (2394)D = 70 PSF (3352)E = 90 PSF (4309)





kawneer.com

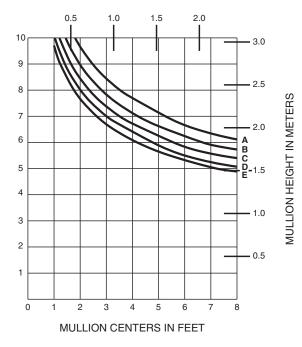
MULLION HEIGHT IN FEET

ADME030

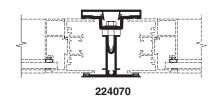
MULLION HEIGHT IN FEET

THESE CHARTS ARE BASED ON A MAXIMUM DEFLECTION OF L\175 AND\OR A MAXIMUM STRESS OF 15,152 PSI (104 MPa).

MULLION CENTERS IN METERS

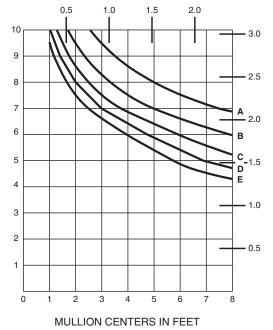


A = 20 PSF (958)B = 25 PSF (1197) C = 30 PSF (1436) D = 35 PSF (1676)E = 40 PSF (1915)

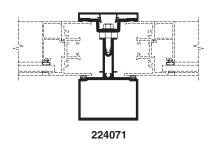


UNITS WITH HORIZONTALS

MULLION CENTERS IN METERS



A = 30 PSF (1436)B = 45 PSF (2155) C = 60 PSF (2873)D = 75 PSF (3591) E = 90 PSF (4309)



Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

MULLION HEIGHT IN FEET

MULLION HEIGHT IN METERS

MULLION HEIGHT IN FEET

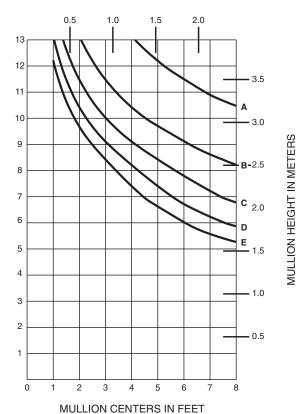
Laws and building and safety codes governing the design and use of glazed entrance, window, and cutrain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

EC 97911-075 MULLIONS

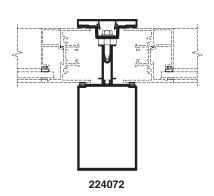
WIND LOAD CHARTS:

THESE CHARTS ARE BASED ON A MAXIMUM DEFLECTION OF L\175 AND\OR A MAXIMUM STRESS OF 15,152 PSI (104 MPa).

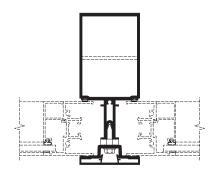
MULLION CENTERS IN METERS



A = 20 PSF (958) B = 40 PSF (1915) C = 60 PSF (2873) D = 80 PSF (3830) E = 100 PSF (4788)



UNITS WITH HORIZONTALS



NOTE: MULLION PROJECTION TO THE INTERIOR AVAILABLE

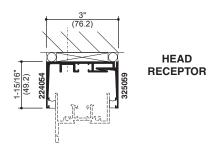


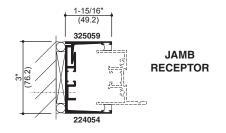
RECEPTORS AND SUB SILLS

EC 97911-075

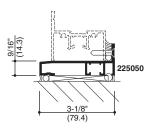
SCALE: 3" = 1'-0"

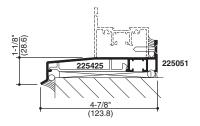
EQUAL LEG SILLS

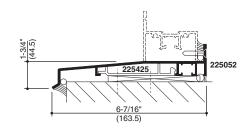




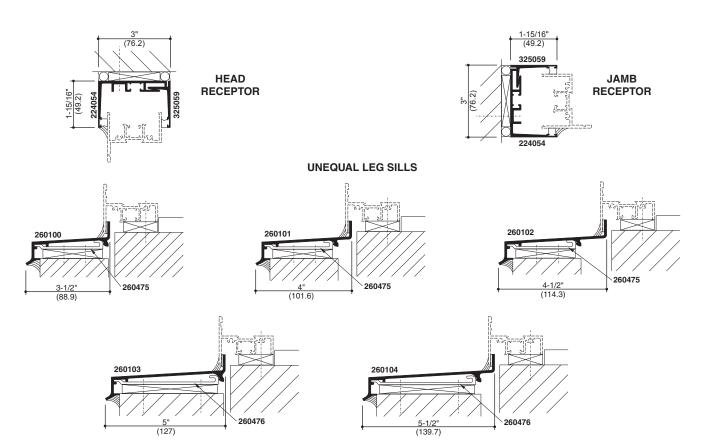
FULL DEPTH SILLS







UNEQUAL LEG SILLS



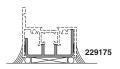


Kawneer reserves the right to change configuration without prior notice when deemed necessary for product improvement.

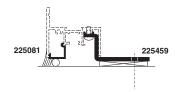
Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

EC 97911-075 **ANCHORING**

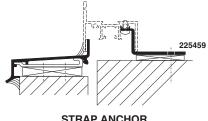
SCALE: 3" = 1'-0"



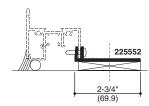
PVC PERIMETER (Continuous) Head and Jamb Similar



STRAP ANCHOR with SEALANT BACK-UP



STRAP ANCHOR with SUB SILL



F-ANCHOR STRAP Equal Leg Frame Only

ADME030



BLANK PAGE EC 97911-075

Laws and building and safety codes governing the design and use of glazed entrance, window, and cutain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or g

