

The Diamond Series 280

Single Hung Single Tilt
Thermally Broken Window



Since 1946



Series 280 Features

- Insulate Vinyl Glazing for Lasting Durability
- Extruded Vinyl Balance Cover Reduces Dust
- Tilt In, Take Out Sash for Easy Cleaning
- Durable Fin Seal Weathers Stripping
- Combination Stop and Slope Sill
- Custom 13° Bow, 45° Bay and 180° Mullions
- Electrostatically Applied Paint
- Many Energy Saving Glass Options Available
- 5/8" Overall Glazing
- Adjustable Spiral Sash Balances
- Lifetime Warranty
- AAAMA Certified DH-230

Diamond, the #1 Window for Quality, Affordability and Low Maintenance.

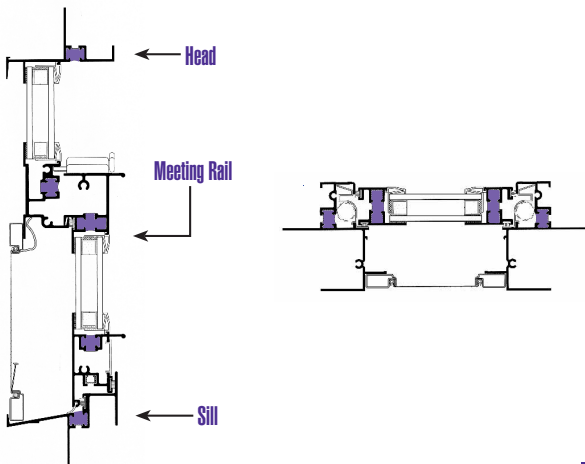
Matching Specialty Windows



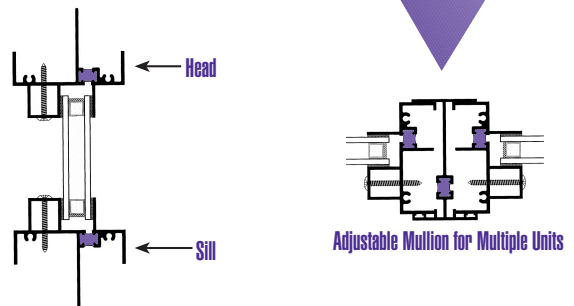
AAMA Ratings of Windows Manufactured by Public Supply

Series	AAMA Rating
Aluminum Windows	
180 Single Hung	DH-C35
1580 Single Hung	DH-C30
1480 Horizontal Slider	HSC20
1980 Single Hung	DH-C30
Aluminum Thermal Break Windows	
280 Single Hung	DH-C30
9380 Single Hung	DH-C50
3980 Single Hung	DH-C50
9480 Horizontal Slider	HSC35
Vinyl Windows	
3280 Single Hung-Tilt	DH-R25
4280 Single Hung-Tilt	DH-R25
3280 Single Hung-Take out	DH-C35
4280 Single Hung-Take out	DH-C35
3480 Horizontal Slider	HSC20
5280 Double Hung	DH-R20
6280 Double Hung	DH-R20
4480 Horizontal Slider	HSC20
3780 Picture Window	F-C60
4780 Picture Window	F-C60
Patio Doors	
3180 Sliding Door - Vinyl	SGD-R30
2080 Sliding Door - Aluminum	SGD-R25

280 DH-C30 Window Details



287 Window Details



MULTIWINDOWS
Single Hung & Picture Window

Twins: C.O.S. x 2 + 1/2"

Example: 2° x 3° Twin =
24" x 2 = 48" + 1/2" =



Triples: C.O.S. x 3 + 1"

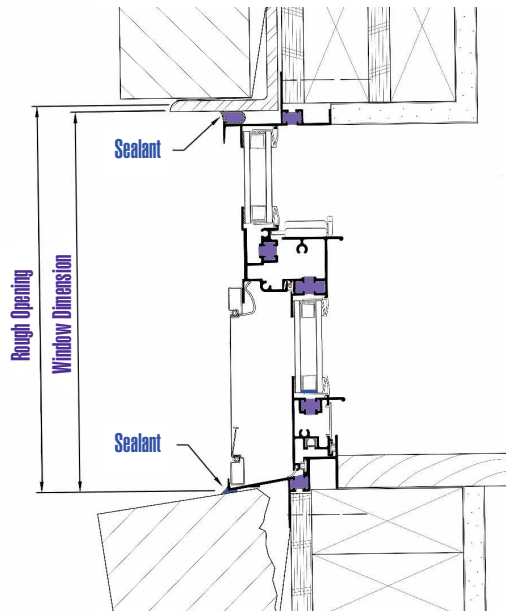
Example: 2° x 3° Triple =
24" x 3 = 72" + 1" = R.O.



C.O.S. = Call Out Size

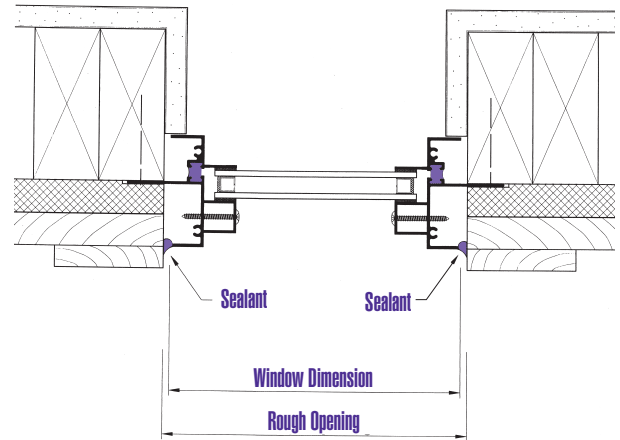
Series 280 Installation Details

Brick Veneer Vertical



Series 287 Installation Details

Wood Horizontal



Series 280 Single Hung Single Tilt & Series 287 Fixed Window (Thermal Window) Specifications

GENERAL: Thermal-break aluminum windows in this specification shall be the Diamond Series 280 and 287 as manufactured by Public Supply Company and conform to requirements of AAMA 101.85 performance class for DH C-30 Single Hung, Single Tilt Windows and requirements of Series 287 fixed windows.

MATERIALS: Frame and sash shall be of commercial quality 6063-T5 extruded aluminum within AAMA specifications for commercial tolerances. Thermally broken frame and sash members utilize high density, low thermal conductivity poured polyurethane thermal material, and shall structurally combine inner and outer frame and sash sections. In closed position, operating sash shall be sealed with Fin-Seal and vinyl seal at bottom. Adjustable spiral balances shall be installed to hold operating sash stationary at open position and allow sash to tilt inward for cleaning or removal from interior.

GLAZING: Windows shall be factory glazed to meet or exceed AAMA wind load requirements. All operating windows shall be glazed 5/8" overall thickness from inside with extruded vinyl glazing bead. Fixed aluminum windows are designed to accept from 5/8" to 1" overall thickness with exterior extruded aluminum glazing bead.

CONSTRUCTION: Frame and sash assembled with high standards to utilize strength of all sections so that the product will perform according to AAMA DH C-30 specifications to assure neat, weathertight construction.

FINISH: Finish of material shall be thermosetting polyester enamel electrostatically applied in accordance with AAMA specifications 603.8.

SCREENS: Screens furnished when specified. Frame shall be roll-formed aluminum wired with fiberglass mesh contained by removable spline. Aluminum mesh available.

NOTE: Screens designed for reasonable insect control and are not intended to provide security for the retention of persons or objects from interior.

INSTALLATION: (By others) All windows shall be set plumb and level in a closed position without distorting the window and securely fastened in place in accordance with manufacturer's recommendations.



PUBLIC SUPPLY COMPANY

P.O. Box 60486

1236 NW 4th OKLAHOMA CITY, OK 73146 (405) 272-9621

