NC 96 CW
Architectural Envelope
Windows System for Curtain Wall
Features
- 6063-T5 Aluminum Alloy Frame
- Frame Depth 96 mm [3\frac{3}{4}""]
- Glass Size 25.4 mm [1”]
- Awning-type max Sash Weight: 180 Kg [396 lbs]
- Weather Stripping: EPDM Gaskets
- Thermal Barrier: Polyamide
- Heavy Duty Hinges
- Multi-Point Lock System
- Rotary Operator Mechanism
- Mitered Corners with Heavy Duty Keys
- Custom Color
- Painted or Anodized Finish
- Dual Finish Available
- Durable Components

Benefits
- Acoustic Insulation
- Thermal insulation
- Quiet and Smooth Closing System
- Easy Maintenance

Applications
- Awning Window for Curtain Wall
- Casement Window for Curtain Wall

Opening Solutions
- Awning window
- Casement window

Technology
1 - Silicone
2 - Sash
3 - Frame
4 - Painted or Anodized Finish
5 - Structural Silicone
6 - Setting Block
7 - Polyamidic Thermal Barrier
8 - EPDM Gasket
9 - Insulating Glass Unit
Performance data

<table>
<thead>
<tr>
<th>Tested Configuration</th>
<th>C GRADE SPECIMEN SIZE</th>
<th>AW GRADE SPECIMEN SIZE</th>
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<tbody>
<tr>
<td></td>
<td>AP - C 80</td>
<td>AP - AW 80</td>
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<td></td>
<td>NC 70054</td>
<td>NC 70037</td>
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<tr>
<td>C GRADE SASH</td>
<td>1500 x 2400 mm</td>
<td>1622 x 2522 mm</td>
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<td>[59” x 94.5”]</td>
<td>[64” x 99”]</td>
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AAMA / WDMA / CSA 101 / I.S.2 / A440-05

- Air infiltration: cfm/ft² Q average
  - Level: A3 $Q_{average} = 0.14 \text{ L/s.m}^2 [0.027 \text{ ft}^3/\text{min-ft}^2]$ @ 300 Pa
- Water penetration: ASTM E331 - E547
  - DP 100: 720 Pa [15 psf]
- Structural:
  - DP 80: 5745 Pa [120 psf]

Traditional Rotary-Type Operator Mechanism

- Handles

Tokyo line: 7mm [¼”] square shaft handles

New Multipoint-lock Bi-directional Mechanism

Quality

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METRA quality is certified by ISO 9001. METRA controls the entire process of production for the extrusions. Manufacturing and installation of final products are performed through a network of independent specialists.