Specifications

**Application:**
The 445-CW combination, non-drainable and adjustable, louver utilizes a uniquely designed weather control blade to be used in intake and exhaust applications that do not require high water penetration protection. The louver utilizes a built in adjustable control damper to allow airflow shutoff. The 445-CW is an AMCA certified louver.

**Standard Construction:**
Material: Mill finish 6063-T5 extruded aluminum  
Frame: Heavy gauge 4" deep x .081" thick  
Blade: 45° non-drainable weather control .081" thick - spaced 4" apart  
Bird Screen: Expanded metal

**Sizes:**
Minimum: 12"W x 12"H  
Single-Section Maximum: 72"W x 120"H

**Frame Styles:**
Standard: Flush Box - No Flange  
Optional: Bottom Flange Only  
Full Perimeter Flange

**Options:**
Insect Screen: Front  
Mounting Sleeves: 8", 10", 12", 14", or 16"

**Performance Features:**
47% Free Area  
Published performance ratings based on testing in accordance with AMCA Standard 500-L  
Beginning Point of Water Penetration:  
Free Area Velocity: 782 fpm (3.97 m/s)  
Air Volume Delivered: 5,825.9 cfm (2.75 m³/s)

**Certified Ratings:**
Aire Technologies certifies MODEL 445-CW shown here is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and complies with the requirements of the AMCA certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings only.

**Note:**
All 445-CW Louvers are built ¼" under size both directions unless ordered actual size.
Free Area Chart For 445-SW And 445-CW (Sq. Ft)

### Width in Inches

<table>
<thead>
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<th>Height in Inches</th>
<th>MODELS: 445-SW &amp; 445-CW</th>
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### Water Penetration Chart

The performance shown is done at standard air density, 0.075 lbs./ft³. The pressure drop data applies to the intake side of the test unit that was 48” x 48” only.

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