EXTRUDED ALUMINUM, 6” DEEP, COMBINATION ADJUSTABLE AND STATIONARY TYPE BLADE

MODEL LE–65C
STANDARD SPECIFICATION

FRAME: 6” DEEP CHANNEL .081 THICK 6063–T5 ALUMINUM ALLOY

BLADES: .081” THICK 6063–T5 ALUMINUM ALLOY.

AXLES: FULL BLADE ALUMINUM EXTRUSION

LINKAGE: PLATED STEEL BRACKETS, BRASS BARRELS, 5/16 DIA. PLATED STEEL LINKAGE ROD

SEALS: VINYL ON BLADE.

SCREEN: 1/2” REMOVABLE EXPANDED ALUMINUM BIRD SCREEN, LOCATED ON EXTERIOR.

ACTUATOR: INDIVIDUAL PANEL WINGNUT, SEE ACTUATOR BULLETIN FOR OTHER SELECTIONS.

FINISH: MILL

MAX. PANEL SIZE: 60 x 96

MIN. PANEL SIZE: 12 x 12

DIMENSIONS: “A” (WIDTH) AND “B” (HEIGHT) ARE OPENING SIZES. LOUVERS ARE MADE 1/2” UNDERSIZED

AMCA CERTIFIED RATINGS

AWV certifies that the model LE–65C louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to airflow performance ratings and water penetration ratings.

A MESTEK COMPANY
7301 INTERNATIONAL DRIVE HOLLAND, OHIO
Phone (419) 885–5000 Fax (419) 865–1375

LE–65C COMBINATION LOUVER

DRN. BY JCW DWG. NO. LE–65C REV.

DATE 3/21/07
Water Penetration: 0.01 oz (3.0 g) at 1250 fpm (6.35 m/s) recommended free area velocity
Pressure Drop: 0.15 in wg (37.2 Pa.) at 1250 fpm (6.35 m/s) and 10240 scfm (4.83 scm/s)
Free Area: 8.192 sq ft (0.761 sq m) = 51.2% for 48" x 48" (1.22m x 1.22m) test size

INTAKE PRESSURE DROP

FREE AREA IN SQUARE FEET (sq meters)

<table>
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<tr>
<th>IN.</th>
<th>12</th>
<th>18</th>
<th>24</th>
<th>36</th>
<th>42</th>
<th>48</th>
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<tr>
<td>mm</td>
<td>305</td>
<td>457</td>
<td>610</td>
<td>762</td>
<td>914</td>
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VELOCITY THROUGH FREE AREA (fps/m)

Less than .01 oz/sqft AMCA Standards
Are based on maximum of 1250 fpm free
area velocity and a min of .01 oz/sqft
free area of water penetration. The AMCA
test was unable to determine the beginning
water penetration due to the fact that lies
above 1250 fpm through free area.

Leakage:
We have shown two leakage values for the lower sizes below. The
upper values with bleed seals, and lower values are with optional
blade and jambs seals. Values were derived from tests performed
in accordance with AMCA 500. Values are in total (CFM) at .5 in wg
differential pressure.

TOTAL LEAKAGE IN SCFM @ 5 IN wg DP

OPERATING FORCE FACTOR:
Louvers are normally operated by applying a force to the blade to
blade linkage where dampers are driven through the blade axles.
Because of this fact, simple operating torques cannot be published.
The factors shown are to be used with the data shown in our louver
actuator selection guide found in our louver actuator price list.

Operating Force Factor:

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