SCD, ASCD SQUARE CONE DIFFUSER

CM = CEILING MODULE

CEILING OPENING: SEE SCHEDULE

D = NOM. DUCT

O.D. = D - 1/8" (3)

4 OPTIONAL 4th CONE
24x24 & 600x600 UNITS ONLY

IMPERIAL UNITS (inches)

<table>
<thead>
<tr>
<th>CM</th>
<th>CEILING OPENING</th>
<th>B</th>
<th>C</th>
<th>DUCT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>24x24</td>
<td>22x22</td>
<td>2 1/2</td>
<td>1 1/16</td>
<td>6,8,10,12,14,15</td>
</tr>
<tr>
<td>20x20</td>
<td>18x18</td>
<td>2 1/4</td>
<td>1/2</td>
<td>6,8,10</td>
</tr>
<tr>
<td>12x12</td>
<td>10 1/2x10 1/2</td>
<td>1 1/8</td>
<td>1 1/16</td>
<td>4,5,6,7,8</td>
</tr>
</tbody>
</table>

SI UNITS (mm)

<table>
<thead>
<tr>
<th>CM</th>
<th>CEILING OPENING</th>
<th>B</th>
<th>C</th>
<th>DUCT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>600x600</td>
<td>549x549</td>
<td>64</td>
<td>27</td>
<td>152,203,254,305,356,381</td>
</tr>
<tr>
<td>500x500</td>
<td>449x449</td>
<td>64</td>
<td>13</td>
<td>152,203,254</td>
</tr>
<tr>
<td>300x300</td>
<td>249x249</td>
<td>29</td>
<td>27</td>
<td>102,127,152,178,203</td>
</tr>
</tbody>
</table>

MATERIAL:

- SCD = STEEL CONSTRUCTION
- ASCD = ALUMINUM CONSTRUCTION
  (STYLES 31 & 17 ONLY)

FINISH:

- B12 WHITE
  (OPTIONAL FINISHES AVAILABLE)

OPTION:

- AFI = 1/2" FIBERGLASS WITH FOIL/SCRIM VAPOR BARRIER
  INSULATED BACKPAN (31 T-BAR, 20x20 & 500x500 ONLY)
- R6 = MOLDED INSULATED BACKPAN (31 T-BAR, 12x12, 300x300, 24x24 & 600x600 OR
  4TS CLIP ON RECESSED SPLINE 24x24)
- BN = BEADED INLET NECK, WITH EXTENDED DEPTH (2 1/2")
  (AVAILABLE ON SCD ONLY)

ALL METRIC DIMENSIONS (mm) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2010/10/18

SPEC. SYMBOL: 218772
SCD, ASCD SQUARE CONE DIFFUSER

FRAMES: FOR CM 24x24, 12x12, 600x600 & 300x300

☐ 2 SNAP-IN

☐ 31 SURFACE MOUNT

☐ 31 T-BAR A = 1”(25) or 9/16”(14)

☐ 4 SPLINE

☐ 4TS CLIP ON RECESSED SPLINE (24x24 ONLY)

☐ 17 NARROW MEMBER

FRAMES: FOR CM 20x20 & 500x500 ONLY

☐ 31 SURFACE MOUNT

☐ 31 T-BAR A = 1”(25) or 9/16”(14)

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: SCD, ASCD SQUARE CONE DIFFUSER

ENGINEER: 218772

CUSTOMER: 2010/10/18

SUBMITTAL DATE: SPEC. SYMBOL: REV K

© Copyright E.H.PRICE LIMITED 2010
**SCD AS - ALUMINIZED STEEL SQUARE CONE DIFFUSER**

**IMPERIAL UNITS (inches)**

<table>
<thead>
<tr>
<th>CM</th>
<th>CEILING OPENING</th>
<th>B</th>
<th>C</th>
<th>DUCT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>24x24</td>
<td>22x22</td>
<td>2½</td>
<td>1⅛</td>
<td>6,8,10,12,14,15</td>
</tr>
<tr>
<td>20x20</td>
<td>18x18</td>
<td>2½</td>
<td>½</td>
<td>6,8,10</td>
</tr>
<tr>
<td>12x12</td>
<td>10⅓x10⅓</td>
<td>1½</td>
<td>1⅛</td>
<td>4,5,6,7,8</td>
</tr>
</tbody>
</table>

**METRIC UNITS (mm)**

<table>
<thead>
<tr>
<th>CM</th>
<th>CEILING OPENING</th>
<th>B</th>
<th>C</th>
<th>DUCT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>600x600</td>
<td>549x549</td>
<td>64</td>
<td>27</td>
<td>152,203,254,305,356,381</td>
</tr>
<tr>
<td>500x500</td>
<td>449x449</td>
<td>64</td>
<td>13</td>
<td>152,203,254</td>
</tr>
<tr>
<td>300x300</td>
<td>249x249</td>
<td>29</td>
<td>27</td>
<td>102,127,152,178,203</td>
</tr>
</tbody>
</table>

**MATERIAL:** ALUMINIZED STEEL CONSTRUCTION

**FINISH:** B12 WHITE (OPTIONAL FINISHES AVAILABLE)

**OPTION:**
- AFI - ½" FIBERGLASS WITH FOIL/SCRIM VAPOR BARRIER INSULATED BACKPAN (STYLE 31 T-BAR 20x20 & 500x500 ONLY)
- R6 - MOLDED INSULATED BACKPAN (STYLE 31 T-BAR 12x12, 300x300, 24x24 & 600x600 OR STYLE 4TS CLIP ON RECESSED SPLINE 24x24)

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:** 2010/10/18

**SPEC. SYMBOL:** 244532

**SCD AS** ALUMINIZED STEEL SQUARE CONE DIFFUSER

© Copyright E.H. PRICE LIMITED 2010
SCD AS - ALUMINIZED STEEL SQUARE CONE DIFFUSER

FRAMES: FOR CM 24x24, 12x12, 600x600 & 300x300

☐ 2 SNAP-IN

☐ 31 SURFACE MOUNT

☐ 31 T-BAR A = 1\"(25) or 9/16\"(14)

☐ 4 SPLINE

☐ 4TS CLIP ON RECESSED SPLINE (24x24 ONLY)

☐ 17 NARROW MEMBER

FRAMES: FOR CM 20x20 & 500x500 ONLY

☐ 31 SURFACE MOUNT

☐ 31 T-BAR A = 1\"(25) or 9/16\"(14)

ALL METRIC DIMENSIONS (\()\) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2010/10/18

SPEC. SYMBOL: 244532

ALUMINIZED STEEL SQUARE CONE DIFFUSER