Application
BD-20 backdraft dampers employ gravity operated butterfly style blades to restrict reverse airflow and to permit the forward flow of air in the intended direction. The BD-20 damper may be mounted vertically or horizontally in either exhaust or intake installations for low velocity and pressure applications.

Standard Construction
Frame: 22 ga. (0.85) galvanized steel.
Blades: 24 ga. (0.51) aluminum - butterfly
Seals: Neoprene blade edge seals.
Minimum Size: 5" x 5" (127 x 127)
Maximum Size: 36" x 24" (914 x 610)

Options
- Factory installed integral sleeve.
- Type-304 stainless steel construction.

Ratings
Maximum System Velocity: 1000 fpm (5.1 m/s)
Maximum System Pressure: 1 in. wg (0.25 kPa)
Temperature: –25°F to 150°F (–32°C to 66°C)

<table>
<thead>
<tr>
<th>Type S Sleeve Table</th>
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<tbody>
<tr>
<td><strong>Damper Height</strong></td>
</tr>
<tr>
<td>H ≤ 10&quot; (254)</td>
</tr>
<tr>
<td>10&quot; (254) &lt; D ≤ 14&quot; (356)</td>
</tr>
<tr>
<td>14&quot; (356) &lt; D ≤ 18&quot; (457)</td>
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<tr>
<td>H &gt; 18&quot; (457)</td>
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</tbody>
</table>

*Damper dimensions furnished approximately 1/8" (3) undersize.

NOTE: Dimensions in parentheses ( ) are millimeters.