Flat Spray Nozzles

**SAP series**

**For blowers**

**Stainless Steel**

### FEATURES
- Compact enough to install in a narrow space. 1/8M size is 29 mm long.
- Pressure loss is minimal to enable high spray impact performance.
- Compared to conventional, general-purpose air nozzles, SAP series provides larger spray coverage.

### Dimensions and mass

<table>
<thead>
<tr>
<th>Pipe conn. size</th>
<th>Outer dimensions (mm)</th>
<th>Mass (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8M</td>
<td>7.5</td>
<td>29</td>
</tr>
<tr>
<td>¼M</td>
<td>12.5</td>
<td>7</td>
</tr>
</tbody>
</table>

**Pipe conn. size**

<table>
<thead>
<tr>
<th>Outer dimensions (mm)</th>
<th>10 kPa</th>
<th>20 kPa</th>
<th>30 kPa</th>
<th>40 kPa</th>
<th>50 kPa</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8M 12.5</td>
<td>20</td>
<td>14</td>
<td>10</td>
<td>7</td>
<td>7</td>
</tr>
</tbody>
</table>

**Spray impact distribution**

Pipe: SAP 13-15 S304

- Air consumption: 0.17 m³/min (Normal), spray height 100 mm

### How to order

Please inquire or order for a specific nozzle as below.

1. **Pipe connection size: 1/8M**
   - 1/8M SAP 13-15 S304

2. **Pipe connection size: ¼M**
   - ¼M SAP 17-15 S304

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Solid Stream Jet

**CCP-A series**

**For compressors**

**Stainless Steel**

### FEATURES
- Spraying air in a solid stream through a single orifice yields strong propagation for highly effective air blowing.
- Product lineup orifice diameters range from φ1.0 to φ2.5 mm.
- Delivering good performance for low cost, ideal for use in large quantities.

### Dimensions and mass

<table>
<thead>
<tr>
<th>Pipe conn. size</th>
<th>Outer dimensions (mm)</th>
<th>Mass (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8M</td>
<td>8</td>
<td>30</td>
</tr>
<tr>
<td>¼M</td>
<td>13</td>
<td>14</td>
</tr>
</tbody>
</table>

**Orifice diameter**

<table>
<thead>
<tr>
<th>Orifice diameter (mm)</th>
<th>Air consumption (m³/min, Normal)</th>
<th>Orifice diameter (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>φ1.0</td>
<td>17 26 35 44 53</td>
<td>1.0</td>
</tr>
<tr>
<td>φ1.5</td>
<td>40 60 80 100 120</td>
<td>1.5</td>
</tr>
<tr>
<td>φ2.0</td>
<td>70 104 138 172 206</td>
<td>2.0</td>
</tr>
<tr>
<td>φ2.5</td>
<td>109 162 215 268 321</td>
<td>2.5</td>
</tr>
</tbody>
</table>

### How to order

Please inquire or order for a specific nozzle using this coding system.

**Example**

- φ1.0A S303

- **1/8M CCP** φ1.0A S303

- **1/4M CCP** φ1.0A S303

- **Orifice diameter code**
  - φ1.0A
  - φ1.5A
  - φ2.0A
  - φ2.5A