Multi-channel flat jet nozzles for air Whisperblast®, metallic versions Series 600.493.1Y

Series 600.493.1Y

The multi-channel flat jet nozzles of the 600.493 series generate an extremely wide, powerful air jet. Since this nozzle is made completely of stainless steel (AISI 316L), it meets even the highest thermal requirements. The projecting tips at the nozzle outlet prevent air penetration into human skin. These nozzles comply with the OSHA standards.

* Complies with OSHA requirements on noise level

| Cost savings | 34 % | Noise reduction | 21 % |

Material
Stainless steel
AISI 316L

Blowing force
.94 LBF at 29 psi

Noise level
78 db(A) at 29 psi

Air consumption
$V_{air}=17.7$ SCFM at 29 psi

Pressure
$P_{max}=435$ psi

Max. temperature
550°C/1022°F

Jet pattern of 600.493 nozzle series

<table>
<thead>
<tr>
<th>Pressure:</th>
<th>14.5 psi</th>
<th>44 psi</th>
<th>72.5 psi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance $L$ [in]:</td>
<td>35</td>
<td>35</td>
<td>35</td>
</tr>
</tbody>
</table>

Jet dimensions at $L$

<table>
<thead>
<tr>
<th>$A$ [in]:</th>
<th>8.3</th>
<th>9.5</th>
<th>10.6</th>
</tr>
</thead>
<tbody>
<tr>
<td>$B$ [in]:</td>
<td>8.3</td>
<td>8.3</td>
<td>11.0</td>
</tr>
</tbody>
</table>