VENTURI FERTILIZER INJECTORS-
20MM & 25MM

Used to inject soluble or liquid fertilizer in greenhouse, open field and landscape watering systems. (Check local codes for backflow prevention laws.)

Features
Kit includes:
- Venturi
- Built in sight glass flow indicator
- Control valve to throttle amount of fertilizer
- 1m of suction tube
- Screen

Specifications
- Body - Polypropylene for resistance to acids and other chemicals.
- Maximum working pressure 785kPa
- Minimum working pressure on pressurized systems must be 98kPa.
- When using on by pass pressure differential between the inlet and outlet must be at least 70kPa.
- Venturi should always be installed on level plain.

**Please note it is strongly recommended that a pressure gauge be fitted on either side of the injector

<table>
<thead>
<tr>
<th>Model</th>
<th>Pressure (kPa)</th>
<th>98</th>
<th>147</th>
<th>196</th>
<th>245</th>
<th>294</th>
<th>Flowmeter Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Venturi-3</td>
<td>Motive Flow (lph)</td>
<td>414</td>
<td>468</td>
<td>528</td>
<td>576</td>
<td>600</td>
<td>1 to 40lph</td>
</tr>
<tr>
<td></td>
<td>Suction Flow (lph)</td>
<td>51</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td>Venturi-5</td>
<td>Motive Flow (lph)</td>
<td>1085</td>
<td>1300</td>
<td>1410</td>
<td>1530</td>
<td>1630</td>
<td>8 to 120lph</td>
</tr>
<tr>
<td></td>
<td>Suction Flow (lph)</td>
<td>90</td>
<td>97</td>
<td>103</td>
<td>108</td>
<td>110</td>
<td></td>
</tr>
<tr>
<td>Venturi-7</td>
<td>Motive Flow (lph)</td>
<td>1450</td>
<td>1750</td>
<td>2000</td>
<td>2250</td>
<td>2500</td>
<td>40 to 250lph</td>
</tr>
<tr>
<td></td>
<td>Suction Flow (lph)</td>
<td>202</td>
<td>225</td>
<td>245</td>
<td>248</td>
<td>250</td>
<td></td>
</tr>
<tr>
<td>Venturi-9</td>
<td>Motive Flow (lph)</td>
<td>3550</td>
<td>4250</td>
<td>4850</td>
<td>5500</td>
<td>6000</td>
<td>40 to 250lph</td>
</tr>
<tr>
<td></td>
<td>Suction Flow (lph)</td>
<td>245</td>
<td>260</td>
<td>315</td>
<td>325</td>
<td>330</td>
<td></td>
</tr>
</tbody>
</table>

**Part No.**
VENTURI-3 40lph Venturi Fertilizer Injector - 20mm
VENTURI-5 110lph Venturi Fertilizer Injector - 20mm
VENTURI-7 250lph Venturi Fertilizer Injector - 25mm
VENTURI-9 260lph Venturi Fertilizer Injector - 25mm
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A
Injector installed directly in-line in the irrigation system. Ideal for small systems, greenhouses or nurseries.

B
Injector installed directly in-line in the irrigation system, with a by-pass to create a pressure differential. Ideal for small systems, greenhouses or nurseries.

C
Injector installed in a by-pass line across a pressure reducing valve. Ideal for larger irrigation systems.
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**D**

Injector installed in a bridge between the pump suction and pump discharge to take advantage of the pressure differential.

**E**

Injector working with pressure from a small booster pump. Used when the system pressure is too low to create a suitable pressure differential.