BODY TYPES AND OPTIONS

COMPLETE CODE

To obtain the complete code for an atomizer it is necessary to use the set-up code you have chosen from the performance table and complete it with the code for body and options as follows:

- Replace the first two letters in the set-up code (SU) with the code for standard body (MW).
- Add the code for the material you require.
- Add the code for the required options, if any, and the thread type code.

MATERIALS

- B1 = AISI 303 Stainless steel
- B31 = AISI 316L Stainless steel
- D1 = PVC
- E6 = LUCITE ® (PMMA)
- T8 = Nickel plated brass

CONNECTION

- G = BSP Female (EU)
- N = NPT Female (US)

OPTIONS

- A = BASIC BODY
- B = SHUT-OFF NEEDLE
- C = CLEANING NEEDLE
- D = CLEAN AND SHUT-OFF NEEDLE

COMPLETE CODE

To obtain the complete code for an atomizer it is necessary to use the set-up code you have chosen from the performance table and complete it with the code for body and options as follows:

- Replace the first two letters in the set-up code (SU) with the code for standard body (MW).
- Add the code for the material you require.
- Add the code for the required options, if any, and the thread type code.

AA = Air Inlet (1/4” F)
LI = Liquid inlet (1/4” F)
CLASSIC ATOMIZERS

MX

STANDARD SIZE

AA = atomizing air inlet (1/4" F)
LI = liquid inlet (1/4" F)
AC = cylinder air inlet (1/8" F)

MINI SIZE

AA = atomizing air inlet (1/8" F)
LI = liquid inlet (1/8" F)
AC = cylinder air inlet (1/8" F)

COMPLETE CODE

To obtain the complete code for an atomizer it is necessary to use the set-up code you have chosen from the performance table and complete it with the code for body and options as follows.

- Replace the first two letters in the set-up code (SU) with the code for air actuated body (MX).
- Add the code for the material you require.
- Add the code for the required options and the code for thread type

AIR ACTUATED ATOMIZER

MX bodies contain an air actuated cylinder which controls the spray operation by means of a needle, opening or closing the water inlet in the liquid nozzle.

Normally the air used for atomizing the liquid flows continuously, while the air to the actuator is used to start and stop the atomizing cycles.

For longer idle times between two atomizing cycles, where too much atomizing air would be wasted, sequenced shut-off should be organized for the two air lines.

The actuator air should be stopped (and the liquid flow interrupted) before atomizing air to be sure all liquid inside is completely atomized and dripping is avoided.

Conversely, when spray begins, atomizing air should be started first so that incoming liquid is atomized without dripping.

Single air option is shown at page 21

NO-DRIP NEEDLE

Our engineers have invented, developed and introduced on the market a no-drip needle (Italian Patent MI96U-00541) to assure positive liquid shut-off and completely drip-free operation.

This solved completely the old problem of dripping atomizers as offered from our competitors. All air actuated PNR atomizers include this better and more consistent design as standard

OPTIONS

<table>
<thead>
<tr>
<th>OPTIONS</th>
<th>Shut-off needle</th>
<th>Cleaning needle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard single air inlet</td>
<td>UA</td>
<td>UB</td>
</tr>
<tr>
<td>Mini single air inlet</td>
<td>NA</td>
<td>NB</td>
</tr>
<tr>
<td>Standard</td>
<td>SA</td>
<td>SB</td>
</tr>
<tr>
<td>Mini</td>
<td>MA</td>
<td>MB</td>
</tr>
</tbody>
</table>

MATERIALS

B1 = AISI 303 Stainless steel
B31 = AISI 316L Stainless steel
T8 = Nickel plated brass

CONNESIONE

G = BSP Female (EU)
N = NPT Female (US)