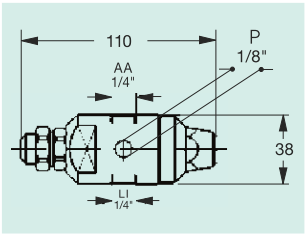
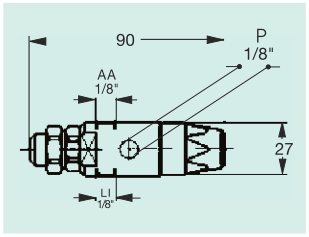
MX

BODY TIPES AND OPTIONS



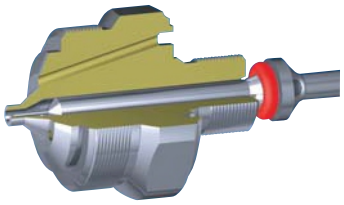
STANDARD SIZE

AA = 1/4ñ atomizing air inlet
LI = 1/4ñ liquid inlet
AC = 1/8ñ cylinder air inlet



MINI SIZE

AA = 1/8ñ atomizing air inlet
LI = 1/8ñ liquid inlet
AC = 1/8ñ cylinder air inlet



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.

COMPLETE CODE

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

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

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.

MXB 1520 **B1** **SA** **B**

MATERIALS
B1 = AISI 303 Stainless steel
B3 = AISI 316 Stainless steel
T8 = Nickel plated brass

CONNECTION
B = BSP Female (EU)
N = NPT Female (US)

OPTIONS	Shut-off needle	Cleaning needle
Standard	SA	SB
Mini	MA	MB
Standard single air inlet	UA	UB
Mini single air inlet	NA	NB