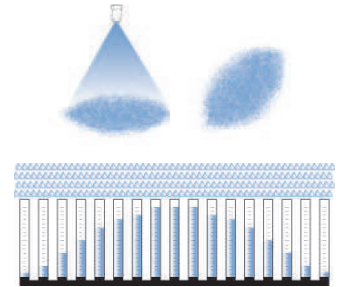


**OVAL JET ATOMIZERS**

The MO atomizers with oval spray coverage are normally used to cool blooms and billets. They have a fastening system to lock them on the supporting plates through two pins and O-ring in Viton. On request they can be supplied with 1/4" or 3/8" female liquid/air connections upon request.

All MO atomizers are supplied with a capacity/pressure chart in order to adjust the pumps to the capacities required for the plant.



**MATERIALS**

<b>B1</b>	Stainless steel AISI 303
<b>B31</b>	Stainless steel AISI 316L
<b>T1</b>	Brass

**HOW TO ORDER PNR PRODUCTS**

Model	Angle	Capacity	Material	Construction
<b>MO</b>	<b>U (90°/60°)</b>	<b>1200</b>	<b>XX</b>	<b>Y</b>

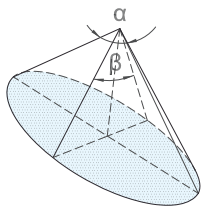
Order example: **MOU 1200 T1A**

**SOME SPRAY ANGLES (DEGREES)**

<b>F = 30°</b>	<b>N = 50°</b>	<b>T = 80°</b>
<b>H = 35°</b>	<b>Q = 60°</b>	<b>U = 90°</b>
<b>L = 40°</b>	<b>R = 65°</b>	<b>J = 110°</b>
<b>M = 45°</b>	<b>S = 75°</b>	<b>W = 120°</b>

**CONSTRUCTION: Y**

- **A** plug-in connection (plate)
- **G** threaded connections (gas)
- **N** threaded connections (NPT)



Model	Spray angle			Pair = 3 bar constant						Connection	
				P <sub>L</sub> = 1 bar		P <sub>L</sub> = 2 bar		P <sub>L</sub> = 3 bar			
	α	β		Water	Air	Water	Air	Water	Air	Water	Air
<b>MOQ</b>	60°	30°	min	0.35	11	1	4.9	1.5	4.2	Plate 1/4" BSP 1/4" NPT	Plate 1/4" BSP 1/4" NPT
<b>MOU</b>	90°	60°	max	1.60	24.5	4.2	16.3	4.9	14.7	3/8" NPT 3/8" BSP	3/8" NPT 3/8" BSP

**CONVERSION TABLE (UE - USA)**

**PRESSURE:** 1 bar = 14,5 psi

**CAPACITY:** 1 lpm = 0,264 gpm