

Large plants Safe Compact Eco-friendly

Blocs Serie 1000
120,000 m³/day

Raw water origin : surface



ANGERS, France (49)

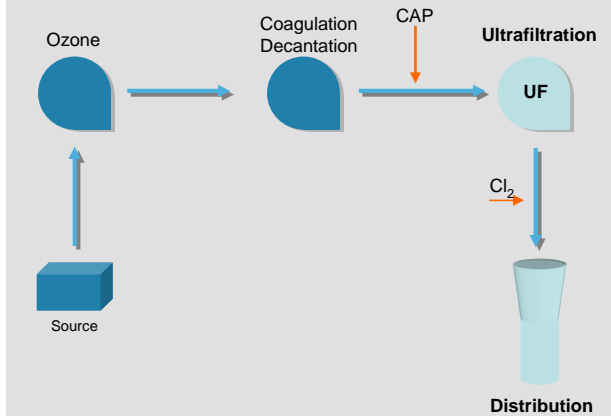
15 blocks of 24 modules INEA™ AC1125

2006

Angers and surrounding towns are supplied from the waters of the river Loire and the alluvial table.

These waters are loaded with particles (suspended and colloidal matter, algae), organic matter, micro-organisms, kysts, bacteria and metals (Fe, Mn).

To eliminate the bulk of this pollution, Aquasource membranes are associated with Cristal® process of powdered activated carbon.



• **The water:**

- Turbidity** : 5 to 100 NTU
- Iron** : < 0.05 to 2 mg/L
- Manganese** : 0.05 to 0.3 mg/L
- T** : 5 to 25°C
- pH** : 7 to 9.7
- TOC** : 3 to 8 mgC/L
- KMnO₄ demand** : 2.5 to 9.5 mgO₂/L

• **Treatment objectives:**

Elimination of turbidity and microbiological retention.



• **The system:**

The AC1125 Ultrafiltration module has a membrane area of 125 m² and is integrated in the Ultrazur 450 unit.

Its average flow rate at 20°C is 12.5 m³/hr.

