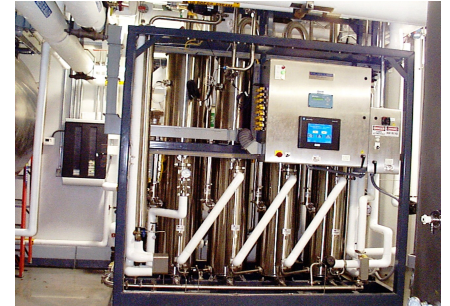


CLIENT
CONFIDENTIAL

LOCATION:
New York



WFI Tank and Pump Skid



WFI Still

CONSTRUCTION VALUE:
\$4 Million

DESIGN START:
2000

DESIGN COMPLETE:
2000

CONSTRUCTION COMPLETE:
2001

SCOPE OF WORK

Design MEP for WFI System

PROJECT DESCRIPTION

A & J designed a new WFI for an existing vial filling facility including an Osmonics water treatment system and a Mueller still. The water treatment system comprises multi-media filters, softeners, tank, carbon filter, RO/EDI, distribution pump skid and a 500-gallon pure water storage tank.

The WFI includes a multi-effect still, 2000-gallon storage tank and distribution pump skid. Two 141-ton air-cooled process chillers were installed on the roof. A 15-ton rooftop unit with DX coil and electrical heater was installed for WFI room Air conditioning.



Pure Water System



Reverse Osmosis System