



VANOX® POU-F SYSTEM

The Vanox® POU-F system is a compact ultra clean point of use filtration system to remove particles from water feeding the critical clean tools used for semiconductor fabrication. Leveraging over a decade of providing ultra-clean Vanox systems into the most demanding immersion lithography space, the POU-F improves upon the particle removal technology to deliver the solution to the rest of the fab.

The Vanox POU-F system is constructed with the validated materials and technology to ensure optimal particle reduction. The POU-F efficiently removes particles that can cause yield and performance loss while extending the run time of the Wets/Cleans equipment between preventive maintenance activities.

OPERATING PERFORMANCE

Outlet Pressure adjustable	+/-2 psi
Influent Process Water	UPW supply feed
Consumption Flow rate	1-25 gpm

System Features:

- Patent Pending technology validated with the latest in particle measurement technology to the 10nm level
- Leverages real time data from the Evoqua Water Technologies' state-of-the-art Microelectronics Suite
- Ultra clean materials of construction
- Semi C79-0113 compliant ultra filtration module
- 95 percent recovery
- Delivery pressure controlled and manually adjustable to match the UPW supply pressure
- Contactless ultrasonic flow monitoring
- Non-metallic pump



EVOQUA Water Technologies North America Service Network

VANOX[®] POU-F SYSTEM

MATERIALS

Manifold	PVDF
Pump	PVDF
Frame	SST or Epoxy coated CS

PHYSICAL SPECIFICATIONS

Product	Width	Height	Length	Materials Weight
Vanox POU-F (W3T394551)	40" (101.6 cm)	71" (180.4 cm)	45" (114.3 cm)	600 lbs (272 kg)



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