



VANOX® SYSTEM HWC

HOT WATER MEMBRANE CONDITIONING CART

Based on the Vanox® POU system's reputation and experience of providing the most reliable performance and highest water quality in the world, Evoqua presents the Vanox system HWC. The HWC product brings ultrafiltration modules to their optimum performance in a fraction of the time it takes using traditional methods.

The Vanox system HWC is a mobile platform engineered for preparing a UF module for service in a few days, as opposed to a few weeks, which is normally required. The hot water conditioning allows the module pores to cycle, shedding TOCs and particles inherent to the manufacture of the UF from the resins. This provides suitable prepping for more immediate service.

Because the platform is mobile, UF conditioning can be done either in a maintenance area or at the skid on which the UF module is being installed - whichever is more convenient.

The HWC cart is adaptable to any UF module with four ports (1 inlet, 1 reject, and 2 permeate ports). Adaptor pieces can be provided to connect the ports to the 1 1/2" sanitary hose connections on the cart.

Where skidded UF connections are available, it may be possible to locate the cart next to an isolated service UF module without having to remove the filter.

Benefits

- Utilizes design based on experience of conditioning filters for applications and fabs with the highest technology demands where Vanox POU system is utilized for DUV immersion feed
- Precisely controlled ramp up and down temperature curves ensures conditioning without thermal shock
- Flow rate is tightly controlled for ideal response
- Accommodates a wide array of UF sizes
- Industrially engineered for the demanding needs of all industries including Semiconductor
- Easy to maneuver with a low center of gravity design for safe operation

Specifications

Dimensions	60" x 32" x 81"
Weight, dry	900 lbs
Power	480VAC/60Hz/3Phase/31.5 amp
Water supply	1 - 5 gpm
Supply connection	1" Sanitary
Drain flow	1 gpm, unquenched flow
Included with cart	<ul style="list-style-type: none"> • Qty 4 x 1 1/2" PFA hoses & sanitary ends • VFD driven circulating pump • Electric heater • Control panel • Adaptor fittings for UF modules



EVOQUA Water Technologies North America Service Network

UNDERSTANDING THE ISSUES

Electronics manufacturing facilities require large volumes of water – as much as 450 cubic meters per hour or 2.8 million gallons per day - to manufacture products. Continued expansion and development of more advanced technologies has created an even greater burden on limited water resources and local water infrastructure. Environmental regulations impact the cost of water usage, treatment and discharge, while manufacturers work to reduce costs to stay competitive.

MANAGING YOUR WATER RESOURCES

Evoqua Water Technologies can help you control costs, meet production water demands and environmental regulations by managing every aspect of your facilities water.

We approach water treatment and usage as a single, integrated system – ultra-pure water purification, distribution, water reclaim and reuse, wastewater treatment.

MEETING YOUR GOALS

Evoqua Water Technologies understands that in today's evolving high-tech markets, electronics manufacturers must innovate and produce at such great speed and volume to simply survive the technology cycle. As you struggle to increase capacity, reduce cost and meet the demands for more complex products we are here to help you meet those needs with innovative technologies, products and services.



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