



EvaporationWorks

EVAPORATION. AERATION. BIOREMEDIATION.



Varimax® V-40 Quad System

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The Varimax® V-40 Quad System is e3 Solutions' most cost-effective and efficient wastewater evaporation configuration. It is purposely engineered to handle larger-volume wastewater disposal projects in high TDS & TSS water.

What's Included

Evaporators	4	Varimax® V-40 Evaporation Units (16 Atomizers)
Operation System	1	Control Panel

Features

Anemometer

One anemometer for wind detection and atomizer speed control included with standard system to regulate droplet size and dispersion radius.

Atomizers

Sixteen (16) energy-efficient, 1.5-HP, 3-Phase, water-cooled, high-speed atomizer motors.

Environmental Control

The Environmental Control Interface (ECI) allows Varimax V-40 users remote capabilities to adjust to weather and overspray.

Floating Frame

Marine grade aluminum 6061 frame coated with Nyalic, mounted on a polyethylene pontoon filled with 2-part polyurethane foam. Also available in Stainless Steel 304 and 316. Weight: 1,100 lbs (500 kg) fully assembled and ready for installation.

Control Panel

UL certified, NEMA 4X enclosure. 48" (1219.2 mm) tall, 36" (914.4 mm) wide, and 12" (304.8 mm) deep, 345 lbs (157 kg), stainless steel. Weather sealed and E-stop installed. Available mounting stand.

- Remote monitoring for motor speed and control.
- Automatic shutoff if any anomalies are detected.
- Auto control based on live weather data.

Electrical

3-Phase, 208-240 V, 60 Hz, 30-Amp disconnect. For generator power, a minimum of 35 kVA is needed. Highly efficient technology with very low electric costs.

Benefits

- Capable of evaporating up to 90% of throughput in certain climates.
- Smart Technology that allows full remote access and operation.
- Electric or Generator Powered.



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