Transition to Cleaner Heat

Sequoia High-Voltage Electrode Boilers

In the drive toward net-zero emissions, AERCO's Sequoia high-voltage electrode boilers help industrial and large-scale commercial facilities eliminate onsite emissions and shift to sustainable, future-proof heating and steam production without compromising capacity or control.

Why Choose Sequoia?

Fully Electric
Ideal for decarbonization and electrification initiatives

Zero Combustion, Zero Emissions
No fossil fuels, no flue gas, no local CO_2

High Capacity
Up to 70,000 kW of scalable hot water or steam

Low Maintenance
No burners or complex mechanical systems

Fast Ramp-Up
Responds quickly to fluctuating demand

Grid-Friendly
Integrates easily with renewables and demand-response programs

Meet Decarbonization and ESG Goals

AERCO's industrial electric boilers provide a direct path to eliminating onsite fossil fuel use, helping facilities cut Scope 1 emissions and meet net-zero and ESG targets.
Designed for high-demand hot water and steam applications, they combine performance with environmental responsibility to support long-term sustainability strategies.

Engineered for:

- District energy and campus heating
- Decarbonized commercial buildings
- Electrified industrial processes
- Steam-to-hot-water transitions
- Peak shaving and emergency backup

aerco.com/industrial-boilers

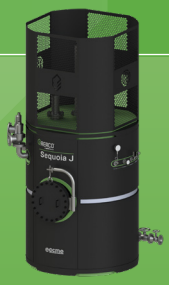
AERCO®
A WATTS Brand

Compare Sequoia Models

	Sequoia	Sequoia S	Sequoia J
Output Type	Hot Water	Steam	Steam
Electrode Type	Immersed	Immersed	Jet Spray (non-immersed)
Voltage Range	Up to 25 kV	Up to 25 kV	Up to 25 kV
Output Capacity	Up to 70,000 kW	Up to 70,000 kW	Up to 70,000 kW (Up to 270,000 lb/hr steam)
Response Time	Fast: ~1 min from hot start	(Up to 270,000 lb/hr steam)	Very Fast: full modulation in seconds
Control Modulation	10:1 turn-down	10:1 turn-down	Precise – rapid, high-resolution control
Operating Pressure	50 to 200 psi	100 to 300 psi	75 to 500 psi
Common Applications	District heating, hydronic HVAC loops	Steady steam loads, HVAC systems, base-load steam	Rapid-cycle process steam, pharma, food, etc.
ASME Code Compliance	ASME Section IV or VIII (hot water)	ASME Section I (steam)	ASME Section I (steam)
System Integration	Easily integrates with water heating systems	Best for steam systems with steady demands	Best for steam systems with fast demand shifts
Typcially Best Fit For	Large buildings, campuses, clean heating	Buildings with existing steam infrastructure	Facilities needing variable steam on demand

Choose Sequoia
If you need hot water for heating large spaces or districts

Choose Sequoia S
If you need steady, reliable steam in a more traditional or base-load steam system



Choose Sequoia J
If you need fast, modulating steam for processes or variable demand

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