

navien

QuickFacts

WEC Series



Saltless, Tankless, Electric Water Treatment System

Product Features



Salt-free, economical, and eco-friendly with no harmful wastewater.



Reduces water-spotting on all surfaces, glassware, dishes and silverware.



Built-in automatic self-cleaning Clean-In-Place (CIP) technology for minimal maintenance.



Protects pipes, appliances and plumbing fixtures.



Advanced electro-membrane technology removes contaminants.



Intuitive digital control panel for easy setup, operational data and troubleshooting.



Great for hair, skin, cooking, and washing clothes.



On demand whole-house water treatment without regeneration downtime.



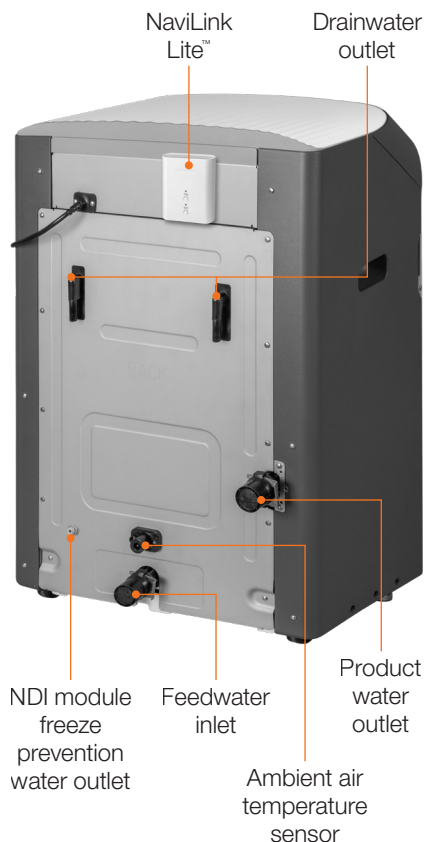
NaviLink Lite™ Wi-Fi remote monitoring system for real-time product data.

WEC: The Inside Story

Front View



Rear View



Included Parts

NaviLink Lite™ Wi-Fi Receiver



Elbow Adapters



Sediment Pre-filter Cartridge and Housing

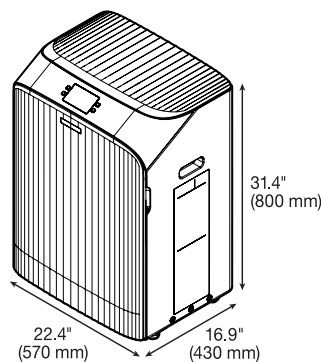


Post Carbon Block (C/B) Filter Cartridge and Housing

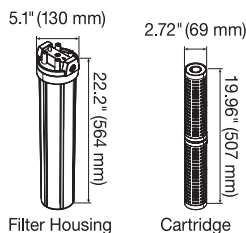


Dimensions

WEC400/WEC600 Series



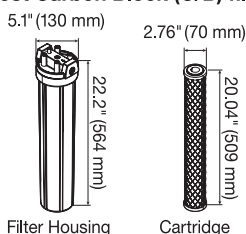
Sediment Pre-filter



Filter Housing

Cartridge

Post Carbon Block (C/B) filter



Filter Housing

Cartridge

Replacement Items

CIP solution
Citric acid (50% solution)
1 gallon bottle (pictured)
2 bottles: GXXX002436
4 bottles: GXXX002437

Sediment Pre-filter replacement cartridge
30030964

Post Carbon Block (C/B) replacement cartridge
30039595

Feedwater Requirements¹

Item	WEC400	WEC600
Total dissolved solids (TDS)	≤ 300 ppm	≤ 500 ppm
Temperature	37.4–100.4°F (3–38°C)	
Pressure	36.3–67 psi (250–460 kPa) ²	
pH	6.5–8.5	
Iron total	≤ 0.3 ppm	
Turbidity	≤ 0.5 NTU	
Total hardness (as CaCO ₃)	≤ 150 ppm	≤ 350 ppm
Alkalinity (as CaCO ₃)	≤ 100 ppm	≤ 200 ppm

¹The WEC system.

²Install a pressure regulator in areas where the water pressure exceeds 67 psi (460 kPa).

Technical Specifications

Item	WEC400	WEC600
Power consumption	0.22 kW	0.55 kW
Power supply	AC 120V, 60 Hz	
	2 A	4.5 A
Power output specifications	DC 200V	DC 300V
Dimensions (W×D×H)	22.4 x 16.9 x 31.4 inch (570 x 430 x 800 mm)	
Weight	120 lb (54.7 kg)	132 lb (60 kg)
Rated salt removal rate	≥ 60% ¹	≥ 75% ²
Rated recovery rate	≥ 85% ³	
Installation pressure	≤ 67 psi (460 kPa) ⁴	
Pressure drop at rated service flow	≤ 15 psi (103 kPa)	
Operating ambient temperature range	40–100.4°F (4.4–38°C)	
Rated service flow	5.3 GPM (20 LPM)	
CIP tank	1.6 Gallon (6.1 L) ⁵	
Installation location	Indoor ⁶	
Certifications ⁷	NSF/ANSI 42, NSF/ANSI 61-G, NSF/ANSI 372, IAPMO Z601 ⁸ , cETLus ⁹ , FCC	
Included accessory	NaviLink Lite™ ¹⁰	

¹300ppm, 5.3 GPM (20 LPM), 68°F (20°C).

²500ppm, 5.3 GPM (20 LPM), 68°F (20°C).

³5.3 GPM (20 LPM) in continuous operation.

⁴For more information, refer to "2.4 Installation Diagram" on page 11, Installation & Operation Manual.

⁵The amount of CIP solution used during operation varies based on water demand and feedwater quality.

For additional details, refer to "4.2 Refilling the CIP Solution" on page 41, Installation & Operation Manual.

⁶Only install in locations where the product will not be exposed to freezing temperatures, direct sunlight, water, or exposed to the elements.

⁷For the WEC only.

⁸WEC600 Model.

⁹The WEC has been tested and certified by Intertek in accordance with CSA STD C22.2 No. 68.

¹⁰For more information, refer to the NaviLink Lite's User Manual.

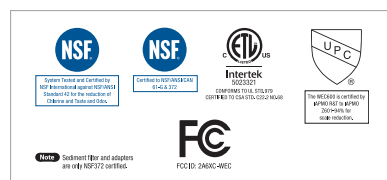
Filter Specifications

	Item	Sediment Pre-filter	Post Carbon Block (C/B) Filter
Housing	Dimensions	Ø5.1 x 22.2 in (Ø130 x 564 mm)	Ø5.1 x 22.2 in (Ø130 x 564 mm)
	Weight	4.76 lb (2.16 kg)	4.76 lb (2.16 kg)
Cartridge	Dimensions	Ø2.72 x 19.96 in (Ø69 x 507 mm)	Ø2.76 x 20.04 in (Ø70 x 509 mm)
	Weight	0.97 lb (0.44 kg)	1.5 lb (0.68 kg)
	Pore size	10 µm	1 µm
	Replacement cycle	A replacement notification every 6 months, or as needed based on feedwater and/or product water quality and usage ¹	

¹For more information, refer to section "4.1 Replacing the Filter Cartridges" on page 37, Installation & Operation Manual.

Limited Warranty Period

Product	Labor	Parts	
		Non-registered	Registered
WEC Series (residential)	1 year	3 years	5 years



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