

- Certified to **UL 60335-1, 60335-2-40, 174** and **CSA C22.2 #60335-1, 60335-2-40, and 110** standards
- Available in 3 model sizes - **50 gal / 65 gal / 80-gal**
- Features a **stainless steel tank** and **aluminum coils** for improved durability.
- **Top** and **side** connections provide flexibility during installation
- Designed to meet **NEEA AWHs Tier 4** requirements
- Easy-to-use control panel with **multi-line LED** display
- **Demand Response-Ready** with built-in EcoPort™ (CTA-2045 module included)
- California **JA13** compliant with Time-Of-Use scheduling feature available
- Quiet operation - less than **45dBA**
- Built-in Wi-Fi powered by **NaviLink®** with over-the-air software updates
- **5 Operating Modes** for maximum performance efficiency:
Energy Saver, Heat Pump, High Demand, Electric and Vacation



Specifications

Item	Model Series Model No.	NWP500-50 NWP500S050AUMB	NWP500-65 NWP500S065AUMB	NWP500-80 NWP500S080AUMB
Capacity & Efficiency				
Nominal capacity (gallons)		50	65	80
Rated storage volume (gallons)		45.2	63.2	76.1
UEF (Uniform Energy Factor)		3.85	4.03	4.05
First hour rating (gallons)		65	80	85
AHRI number		217191097	217191098	217191099
Product General Data				
Installation location		Indoor		
Water pressure		15–150 psi		
Connections size	Cold water inlet	3/4" NPT		
	Hot water outlet			
	Drain			
	T&P relief valve			
	Condensate drain			
Heating element		1" NPSM (thread per inch 11-1/2)		
Materials	Casing	Cold rolled carbon steel		
	Storage tank	Stainless steel		
	Condenser	Aluminum coil		
Air in/out size	Air intake	Ø 8"		
	Air exhaust			
Safety devices		Condensate level sensor, ECO (Energy Cut Off) Temperature & Pressure (TP) relief valve		
Shipping weight		229 lbs (104 kg)	265 lbs (120 kg)	282 lbs (128 kg)
Net weight		181 lbs (82 kg)	204 lbs (92.7 kg)	220 lbs (99.6 kg)
Electrical Data				
Power supply		208/240VAC, 60 Hz, 1 Phase		
MCA		208V (25.9A) / 240V (28.8A)		
Circuit breaker — Amps		30A		
Wire size		Up to 10 AWG (Suitable for 167°F (75°C))		
Component Data				
Compressor (LRA)		11.6A		
Fan motor (FLA)		0.22A		
208 V	Compressor (RLA)		2.0A	
	Heating element	Upper	3,755W	
		Lower		
240 V	Compressor (RLA)		1.75A	
	Heating element	Upper	5,000W	
		Lower		
Maximum pressure		Discharge	2.654 MPa / 385 PSIG	
		Suction	1.724 MPa / 250 PSIG	
Refrigerant charge		28.2 oz / 800 g		
Certifications				

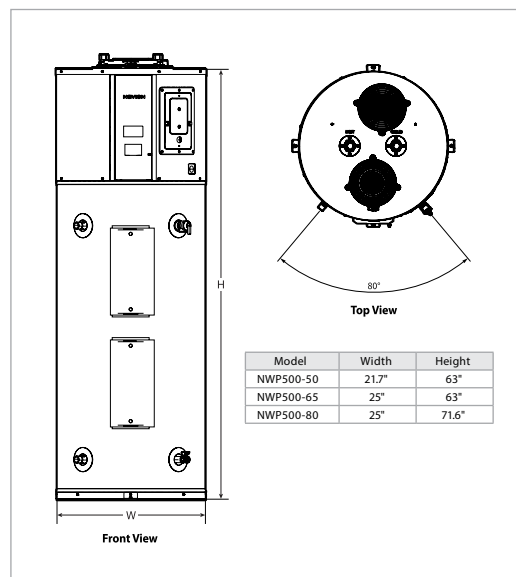
Navien reserves the right to change specifications at any time without prior notice.
Please refer to www.navieninc.com to verify you have the most current information.



Contains :
FCC ID : P53-EMC3290
IC ID : 23507-EMC3290



Dimensions



Warranty

Model	Labor	Parts	Tank
NWP500-50	1 Year	10 Years	10 Years
NWP500-65			
NWP500-80			

Navien's warranty (which may be changed without prior notice) is subject to the terms and conditions found at www.navieninc.com/warranties.