



QuickFacts

NWP500 Series

Heat Pump Water Heaters

Product Features



Stainless steel tank and aluminum coils for improved durability.



Designed to meet NEEA AWHs Tier 4 requirements.



Top and side connection options.



Easy-to-use control panel with multi-line LED display.



Demand Response Ready with built-in EcoPort™ (CTA-2045 Port).



Quiet operation, less than 45dBA.






- Available in 3 models... 50-gallon, 65-gallon and 80-gallon
- Built-in water sensor alert, audible alarm and dry fire protection
- 5 operating modes for maximum performance and efficiency — Heat pump, ECO, High demand, Electric, and Vacations
- Built-in Wi-Fi powered by NaviLink® with over-the-air software updates
- Qualifies for many local and/or statewide rebates



NWP500 Heat Pump Water Heaters: The Inside Story



Specifications

Items		Model		
		NWP500-50	NWP500-65	NWP500-80
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	86
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			
	Element	1" NPSM (thread per inch 11-1/2)		
Materials	Jacket material	Cold rolled carbon steel		
	Storage tank	Stainless steel		
	Condenser	Aluminum coil		
Air in/out size	Air intake	Ø8"		
	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		
Component Data				
Compressor (LRA)		11.6A		
Fan motor (FLA)		0.22A		
Volts		208V	240V	
Compressor (RLA)		2.0A	1.75A	
Element	Upper	3,755W	5,000W	
	Lower			
Heat pump	Discharge	2.654 MPA / 385 PSIG		
Maximum pressure	Suction	1.724 MPA / 250 PSIG		
Refrigerant		R-134a		
Refrigerant charge		28.2 oz / 800 g		
Certifications		<div></div>		

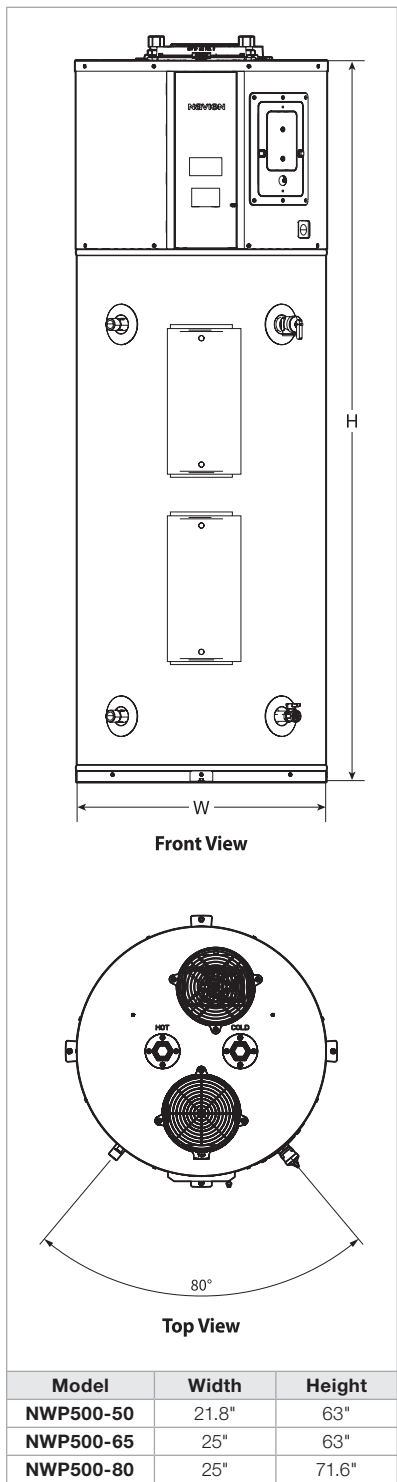
Navien reserves the right to change specifications at any time without prior notice.
Please refer to www.Navieninc.com to verify you have the most current information.

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.

Dimensions



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We are @Navieninc everywhere



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