MNAVIEN

acts Series

Heat Pump Water Heaters

Product Features



Stainless steel tank and aluminum coils for improved durability.



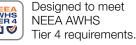
Top and side connection options.



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



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

Quiet operation, less than 45dBA.

- Available in 3 models... 50-gallon, 65-gallon and 80-gallon
- Built-in audible condensate alarm and dry-fire water sensing
- 5 operating modes for maximum performance and efficiency: Energy Saver, Heat Pump, High Demand, Electric and Vacation
- Built-in Wi-Fi powered by NaviLink® with over-the-air software updates
- Qualifies for many local and/or statewide rebates









The Inside Story: Stainless Steel Tank & So Much More

Exhaust air —	Top out
Cold water inlet	Ove
Convenient 8" top-mounted duct-ready intakes and	Hea
exhaust brackets	Coa eva
Intake air with washable air filter —	Opt
Hot water outlet	Ten pre
	Dur stee for pro
	Elei pro
Accumulator	Cor alur
Capacitor	Enh bra
Condensate sensor	
Condensate drain	Opt inle

Top inlet and outlet connections	
Overload protector	
Heavy-duty compressor	
Coated aluminum	
Optional side	
Temperature & pressure relief valve —	
Durable stainless steel tank — no need for interior anode protection	
Element personnel protection	
Corrosion-resistant —— aluminum coils	
Enhanced-flow	
Optional side nlet connection ———	

Easy electrical access panel

Intuitive LED control panel display for easy set-up and operation

Easy-to-clean, Navien fingerprint and smudge-resistant matte grey pre-coated finish

ECO (Energy Cut Off)

Easy access panels and covers for heating element rods

Incoloy stainless steel backup and direct heating elements

Safe, eco-friendly (non-CNC) insulation

Built-in dip tube diffuser for better water mixing



Specifications

Items			Model			
	nems		NWP500-50	NWP500-65	NWP500-80	
Capacity & Efficiency		iency				
Nom	ninal capacity (gallons)	50	65	80	
Rated	storage volume	e (gallons)	45.2	63.2	76.1	
UEF (Uniform Energ	y Factor)	3.85	4.03	4.05	
Firs	t hour rating (g	allons)	65	80	85	
	AHRI numbe	r	217191097	217191098	217191099	
Pro	duct Genera	l Data				
	nstallation loca	tion	Indoor			
	Water pressu	re	15–150 psi			
	Cold	water inlet				
	Hot w	ater outlet				
Connectio	ons	Drain	3/4" NPT			
size	T&P	relief valve				
	Conde	ensate drain				
	Heatir	ng element	1" NPSM (thread per inch 11-1/2)			
Materials	(Casing	Cold rolled carbon steel			
	s Stor	rage tank	Stainless steel			
	Co	ndenser	Aluminum coil			
Air in/out a	Ai	r intake	Ø8"			
Air in/out size	Air	exhaust				
	Safety device	s	Condensate level sensor, ECO (Energy Cut Off) Temperature & Pressure (TP) relief valve			
	Shipping weig	ht	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 Da	ta				
	Power suppl	у	208/240VAC, 60 Hz, 1 Phase			
	MCA		208V (25.9A) / 240V (28.8A)			
Circ	cuit breaker —	Amps	30A			
	Wire size		Up to 10 AWG (Suitable for 167°F [75°C])			
(Component D	ata				
(Compressor (L	RA)	11.6A			
Fan motor (FLA)		A)	0.22A			
	Compres	sor (RLA)	2.0A			
208 V	Heating	Upper	2.755\//			
	element	Lower	3,755W			
	Compres	sor (RLA)		1.75A		
240 V	Heating	Upper		5,000W		
	element	Lower		,		
Maximu	m pressure	Discharge	2.654 MPa / 385 PSIG			
Suction			1.724 MPa / 250 PSIG			
	Refrigerant cha	irge	28.2 oz / 800 g			
	Certifications	S			CERTIFIED. Verdot winner 20	

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.warranties.

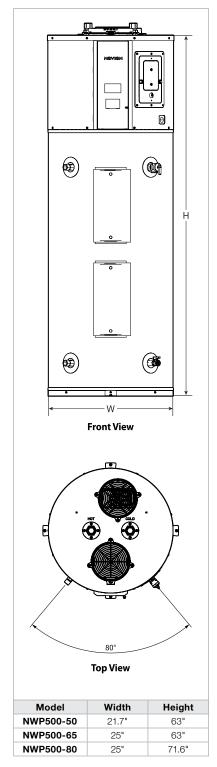
We are @Navieninc everywhere



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Dimensions



Mavien