

## Specifications

Navien America offers a complete line of condensing water heaters for residential, commercial and combination space heating applications.

Item		Model	NR-180A / NR-180	NR-210A / NR-210	NR-240A / NR-240 NP-240A / NP-240
Heat Capacity (Input)			Min: 15,000 Btu/hr	Min: 17,000 Btu/hr	Min: 20,000 Btu/hr
			Max: 150,000 Btu/hr	Max: 180,000 Btu/hr	Max: 199,000 Btu/hr
Energy Factor (DOE)	Natural Gas		0.96	0.95	0.95
	Propane Gas		0.97	0.97	0.97
Dimensions (W x H x D)			17" x 28" x 14"	17" x 28" x 15"	17" x 28" x 15"
Weight	NR-A / NP-A		77 lbs	86 lbs	86 lbs
	NR / NP		67 lbs	77 lbs	77 lbs
Installation Type			Indoor /Outdoor Wall-Hung		
Venting Type			Direct Vent		
Ignition			Electronic Ignition		
Water Pressure (min-max)			15 - 150 PSI		
Gas Supply Pressure (from source: min-max)	Natural Gas		6.0"W.C. ~ 10.5"W.C.	5.0"W.C. ~ 10.5"W.C.	
	Propane Gas		9.0"W.C. ~ 13.5"W.C.	8.0"W.C. ~ 13.5"W.C.	
Minimum Flow Rate to activate Water Heater			For "A" Model 0GPM (no minimum flow rate requirement), Otherwise 0.5GPM		
Connection Sizes	Cold Water Inlet		3/4" NPT		
	Hot Water Outlet		3/4" NPT		
	Gas Inlet		3/4" NPT		
Power Supply	Main Supply		120VAC, 60Hz 200W (max 2A)		
Heat Exchangers			Primary Heat Exchanger: Stainless Steel		
			Condensing Heat Exchanger: Stainless Steel		
Venting (0" Clearance)	Exhaust (ø3")		SCH 40 3" PVC, SCH 40 2" PVC, Navien Stainless Steel or special Gas Vent Type BH Class IIA (PVC) in Canada		
	Intake (ø3")		PVC, Flex Aluminum, Flex Stainless Steel, ABS		

\* Navien America reserves the right to change specifications at anytime without prior notice.

## Model Description Legend



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Model	Description
<b>NR</b>	Navien Regular (potable domestic hot water only) Maximum Temperature: 140°F
<b>NP</b>	Navien Premium (potable domestic hot water and commercial applications) Maximum Temperature: 185°F
<b>A</b>	With Circulation Pump and 0.5 US gallon (2 liter) Mini-Buffer Tank

## Intelligent Remote Control NR-10DU (Included with every Navien Tankless Water Heater)

- Temperature adjustment in 1°F increments between 98-120°F
- Touch activated backlight function
- Easy-to-Use button type control
- Built-in recirculation timer for water and energy savings
- Key-pad lock button prevents inadvertent temperature changes
- Advanced water heater diagnosis capability and error feedback



Remote controller  
**NR-10DU**

## Hot-Water Flow Chart

Model	Ground Water Temp.	35 °F	40 °F	45 °F	50 °F	55 °F	60 °F	65 °F	70 °F
NR-180		4.2 GPM	4.5 GPM	4.9 GPM	5.3 GPM	5.8 GPM	6.5 GPM	7.3 GPM	8.3 GPM
NR-210		5.0 GPM	5.4 GPM	5.8 GPM	6.3 GPM	7.0 GPM	7.8 GPM	8.7 GPM	10.0 GPM
NR-240/NP-240		5.5 GPM	5.9 GPM	6.4 GPM	7.0 GPM	7.7 GPM	8.6 GPM	9.7 GPM	11.0 GPM

- Hot Water Set Temperature: 105°F

## Right Model?

Model	Ground Water Temp.	40 °F	55 °F	70 °F
NR-180		4.5 GPM	5.8 GPM	8.0 GPM
NR-210		5.4 GPM	7.0 GPM	10.0 GPM
NR-240/NP-240		5.9 GPM	7.7 GPM	11.0 GPM

- Above GPM rates and shower capabilities are based on a standard 2.5 GPM shower head and a shower temperature of 105 °F.
- The ground water temperature may change with the seasons.
- Use the winter water temperatures to make your selection.

## Warranty

Item	Warranty Period	NP Series		
		DHW use only	Residential Application	Commercial Application
Heat Exchanger		15 years	15 years	10 years
Other Parts and Components		5 years	3 years	3 years
Labor		1 year	1 year	1 year