

- Certified design according to **ANSI Z21.10.3/CSA 4.3** standards for both indoor or outdoor installations
- Gas Input Ranges
NR-180(A) - 150,000 to 15,000 BTUh
NR-210(A) - 180,000 to 17,000 BTUh
NR-240(A) - 199,900 to 17,000 BTUh
- Hot Water Flow Rate Capacity
NR-180(A) - 8.3 GPM
NR-210(A) - 10.0 GPM
NR-240(A) - 11.0 GPM
- **Dual Primary and Secondary Stainless Steel Heat Exchangers** for optimum efficiency and durability
- Compatible with **3" PVC vent up to 100 ft*** (*with no elbows)
- **Backlit Remote Controller** - allows adjustment of temperature settings and controls recirculation settings
- **Optional Buffer Tank and Recirculation Pump** - included with all A-models to provide maximum comfort
- **Temperature Options** - available temperature settings range from 98°F up to 140°F for **NR-180(A), NR-210(A), NR-240(A)** models
- **Ready-Link Multi-System** - up to 16 units can be cascaded together for increased hot water production
- **Freeze Protection** - activated by the circulation pump to maintain standard operation during freezing ambient temperatures (for A-models only). Non A-models include electric ceramic block heaters attached to internal waterways to protect from freezing.
- Energy Factor
NR-180 - 0.96 (NG) 0.97 (LPG)
NR-180A - 0.94 (NG) 0.94 (LPG)
NR-210 - 0.95 (NG) 0.97 (LPG)
NR-210A - 0.94 (NG) 0.94 (LPG)
NR-240 - 0.95 (NG) 0.97 (LPG)
NR-240A - 0.95 (NG) 0.95 (LPG)
- Available models for use with both **Natural Gas (NG)** and **Propane (LPG)**
- Certified by **CSA, NSF 5, AB1953 CA Low Lead, SCAQMD**
(Rule 1146.2 Type 1 - Complies with 14 ng/J or 20 ppm NOx @ 3% O2)
- **Optional accessories** are available *(see below)*



Sleek Design - Compatible with 3" PVC Vent

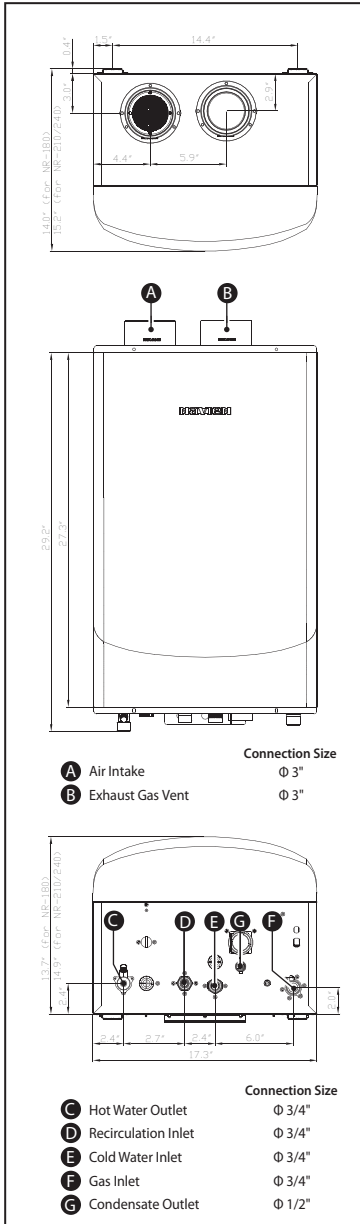


INCLUDED Backlit Remote Controller with Recirculation Timer Function



<p>Plumb Easy Valve Set (3/4") (UA0900001A - Standard) (UA0900002A - Lead Free)</p>	<p>Condensate Neutralizer (UA1300001A)</p>	<p>Ready-Link Communication Cable (BCRA1129)</p>	<p>Condensate Drain Hose (BH2206006A)</p>	<p>Pipe Cover (BAHSN-011 for NR-180(A)) (BAHSN-012 for NR-210/240(A))</p>

Dimensions



Specifications

Item		NR-180 / NR-180A	NR-210 / NR-210A	NR-240 / NR-240A
Heat Capacity (Input)	Natural Gas	15,000-150,000 BTU/H	17,000-180,000 BTU/H	17,000-199,900 BTU/H
	Propane Gas	15,000-150,000 BTU/H	17,000-180,000 BTU/H	17,000-199,900 BTU/H
Flow Rate (DHW)	35°F(19°C) Temp Rise	8.3 GPM (31 L/m)	10.0 GPM (38 L/m)	11.0 GPM (42 L/m)
	45°F(25°C) Temp Rise	6.5 GPM (25 L/m)	7.7 GPM (29 L/m)	8.6 GPM (33 L/m)
	77°F(43°C) Temp Rise	3.8 GPM (14 L/m)	4.5 GPM (17 L/m)	5.0 GPM (19 L/m)
Dimensions		17"(W) x 28"(H) x 14"(D)	17"(W) x 28"(H) x 15"(D)	17"(W) x 28"(H) x 15"(D)
Weight NR/NR-A		67 lbs (30kg) / 77 lbs (35kg)	77 lbs (35kg) / 86 lbs (35kg)	77 lbs (35kg) / 86 lbs (35kg)
Installation Type		Indoor or Outdoor Wall-Hung		
Venting Type		Forced Draft Direct Vent		
Ignition		Electronic Ignition		
Water Pressure		15-150 PSI		
Natural Gas Supply Pressure (from source)		5.0"-10.5" WC		
Propane Gas Supply Pressure (from source)		9"-13.5" WC	8"-13.5" WC	
Natural Gas Manifold Pressure (min to max)		0.4" WC to 4.2" WC	0.4" WC to 3.5" WC	0.6" WC to 3.7" WC
Propane Gas Manifold Pressure (min to max)		0.8" WC to 7.6" WC	0.8" WC to 5.9" WC	1.0" WC to 5.9" WC
Minimum Flow Rate		0.5 GPM (1.9 L/m) for non "A" models / 0 GPM (0 L/m) for "A" models		
Connection Sizes	Cold Water Inlet	3/4" NPT		
	Hot Water Outlet	3/4" NPT		
	Recirculation Inlet	3/4" NPT (for "A" models only)		
	Gas Inlet	3/4" NPT		
	Condensate Outlet	1/2" NPT		
Power Supply	Main Supply	120V AC, 60Hz		
	Maximum Power Consumption	200W (up to 2 amperes)		
Materials	Casing	Cold Rolled Carbon Steel		
	Heat Exchangers	Primary Heat Exchanger: Stainless Steel Secondary Heat Exchanger: Stainless Steel		
Venting	Exhaust	3" PVC, CPVC, Polypropylene 3" Special Gas Vent Type BH (Class II, A/B/C)		
	Intake	3" PVC, CPVC, Polypropylene 3" Special Gas Vent Type BH (Class II, A/B/C)		
	Vent Clearances	0" to Combustibles		
Safety Devices		Flame Rod, APS, GPS, Ignition Operation Detector, Water Temperature High Limit Switch, Thermal Fuse, Exhaust Temperature High Limit Sensor, Power Surge Fuse		

*Navien America reserves the right to change specifications at any time without prior notice