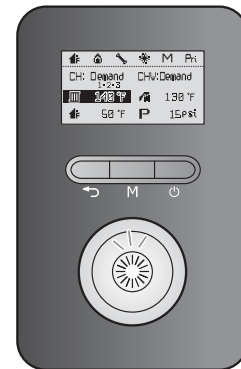


- Certified design according to **ANSI Z21.13 - CSA 4.9-2017** standards for indoor residential applications
- Gas Input Ranges  
**NFC-175** - 175,000\* to 18,000 BTU/h  
**NFC-200** - 199,900 to 18,000 BTU/h  
*\* Max 199,900 BTU/h for DHW*
- **Turndown Ratio (TDR)** of up to 10:1
- **Patented Stainless Steel Fire Tube Heat Exchanger** designed for low pressure loss and super-efficient operation
- Compatible with **2" PVC vent up to 60 ft\*** and **3" PVC vent up to 150 ft\*** (\* with no elbows)
- **Backlit Front Panel** - allows adjustment of hot water temperatures and boiler functions including Outdoor Reset Curve settings, pump operation, Integrated Low Water Safety Control, indirect DHW priority, and unit output capacity
- **Low Voltage Terminal Strip** - contacts for thermostat or zone controller, outdoor reset, 24 VAC device relay, air handler interrupt, and LWCO
- **High Voltage Terminal Strip** - 120V contacts for use with boiler, system, and DHW recirculation pump wiring\*\* (\*\* 2.5A max per pump)
- **Temperature Options** - two boiler operating setpoints: hydronic heating temperature settings range from **77°F (25°C)** up to **194°F (90°C)** and DHW operation temperature range from **86°F (30°C)** up to **140°F (60°C)**.
- **Ready-Link Cascade Compatible** with up to **15 NPE Series** water heaters using Communication Cables #GXXX000546 (Multiple **NFC Series** NOT allowed)
- **Common Vent Compatible** - allows cascade systems to use a single exhaust and/or intake pipe with up to **7 NPE** water heaters with the use of the Common Vent Backflow Damper Collar Kit (Common vent with multiple **NFC Series** NOT allowed)
- Compatible with **Navilink Wi-Fi Control** (#PBCM-AS-001)
- **Outdoor Reset Sensor** (included) - the unit controls will sense outdoor ambient temperatures and adjust the boiler operation for maximum comfort and efficiency
- **External System Supply & Return Sensors** (optional) - additional controls provide optimum system performance
- **AFUE Ratings**  
**NFC-175/200** - 95.0% (NG/LPG)
- Compatible with **Natural Gas (NG)** and **Propane (LPG)**\*\*\* (\*\*\*) requires installation of included Field Conversion Kit by a qualified gas servicer)
- Certified by **CSA, ASME, SCAQMD** (Rule 1146.2 Type 1 - Complies with 14 ng/l or 20 ppm NOx @ 3% O2)
- **15-Year Heat Exchanger and 5-Year Parts Warranty (Residential)**  
**10-Year Heat Exchanger and 3-Year Parts Warranty (Commercial)**\*\*\*\* (\*\*\*) see Navien Limited Warranty)
- **Optional accessories** are available (*see below*)


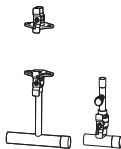
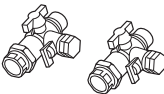
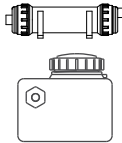

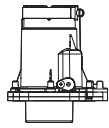



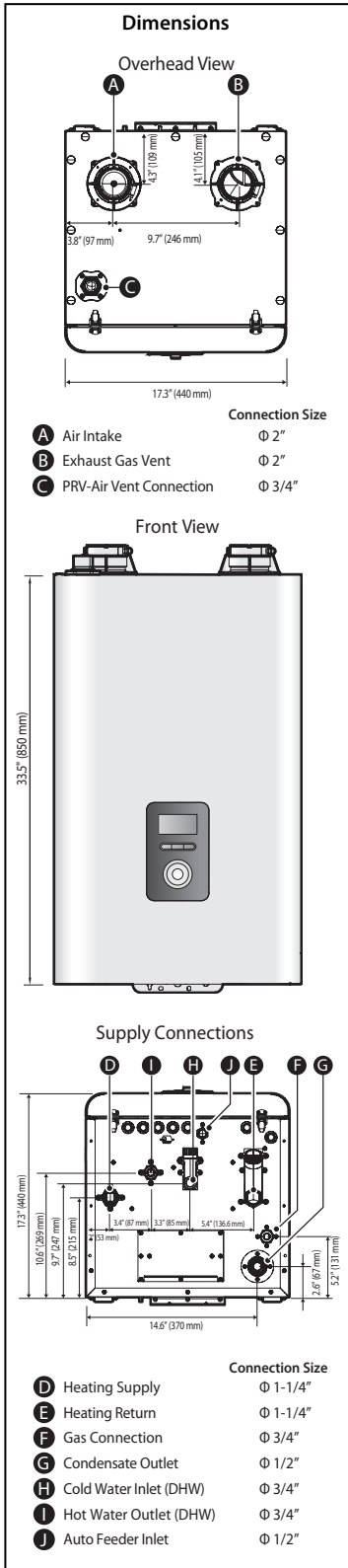
**Sleek Design - Compatible with 2" PVC Vent**



**INCLUDED Illuminated Front Panel with Advanced Hydronic Operation**



						
<b>NaviClean Magnetic Filter</b> (GXXX001727)	<b>NFB Manifold Kit - Secondary</b> (GFFM-SKTZUS-001)	<b>Plumb Easy Valve Set (for DHW connections)</b> (30009323A - 3/4" Standard)	<b>Condensate Neutralizer</b> (GXXX001322 - Single Unit) (GXXX001324 - Up to 6 Units) (GXXX001325 - Up to 16 Units)	<b>Zone Pump Controller</b> (PFMZ-02P-001 - For 2 Zones) (PFMZ-03P-001 - For 3 Zones) (PFMZ-04P-001 - For 4 Zones) (PFMZ-06P-001 - For 6 Zones)	<b>Common Vent Damper Kit</b> (30014367A)	<b>Universal Temperature Sensors</b> (GXXX001417)



Navien Condensing Boiler Space Heating Ratings					Other Specifications		
Model Number <sup>1</sup>	Heating Input (MBH)		Heating Capacity <sup>2</sup> (MBH)	Net AHRI Rating Water <sup>3</sup> (MBH)	AFUE <sup>2</sup> (%)	Water Pressure	Water Connection Size (Supply, Return)
	Min	Max					
NFC-175	18	175	161	140	95	12-80 psi	1 1/4 in NPT
NFC-200	18	199	183	159	95		

<sup>1</sup> Ratings are the same for Natural Gas models converted to Propane use.  
<sup>2</sup> Based on U.S. Department of Energy (DOE) test procedures.  
<sup>3</sup> The NET AHRI Water Ratings shown are based on a piping and pickup allowance of 1.15. Consult Navien before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

**Specifications**

Item	NFC-175	NFC-200
Dimensions	17.3 in (W) x 17.3 in (D) x 33.5 in (H)	
Weight	145 lb (66 kg) / 183 lb (83 kg) with water	
Installation Type	Indoor Wall-Hung	
Venting Type	Forced Draft Direct Vent	
Ignition	Electronic Ignition	
Natural Gas Supply Pressure (from source)	3.5 in-10.5 in WC	
Propane Gas Supply Pressure (from source)	8.0 in-13.5 in WC	
Natural Gas Manifold Pressure	-0.05 to -0.47 in WC	-0.05 to -0.20 in WC
Propane Gas Manifold Pressure	-0.10 to -0.45 in WC	-0.10 to -0.45 in WC
Gas Connection Size	3/4 in NPT	
Power Supply	Main Supply	120V AC, 60Hz
	Maximum Power Consumption	Less than 15 amperes
Materials	Casing	Cold-rolled Carbon Steel
	Heat Exchangers	Primary and DHW: Stainless Steel
Venting	Exhaust	2 in or 3 in PVC, CPVC, Approved Polypropylene, Stainless Steel 2 in or 3 in Special Gas Vent Type BH (Class III, A/B/C)
	Intake	2 in or 3 in PVC, CPVC, Polypropylene, Stainless Steel, ABS 2 in or 3 in Special Gas Vent Type BH (Class III, A/B/C)
	Vent Clearance	0 in to combustibles
Safety Devices	Flame Rod, APS, Ignition Operation Detector Water Temperature High Limit Switch, Exhaust Temperature High Limit Sensor, Water Pressure Sensor	

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