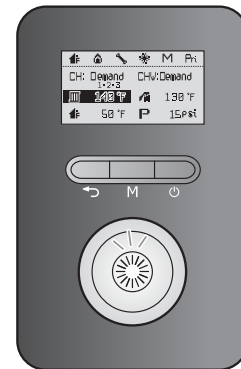


- Certified design according to **ANSI Z21.13 - CSA 4.9-2017** standards for indoor residential applications
- Gas Input Ranges  
**NFC-175** - 175,000\* to 18,000 BTU/h  
**NFC-200** - 199,900 to 18,000 BTU/h  
*\* Max 199,900 BTU/h for DHW*
- **Turndown Ratio (TDR)** of up to 10:1
- **Patented Stainless 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*)


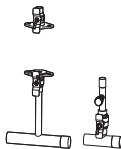
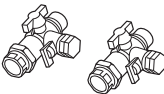
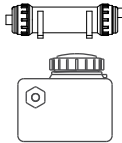

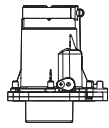



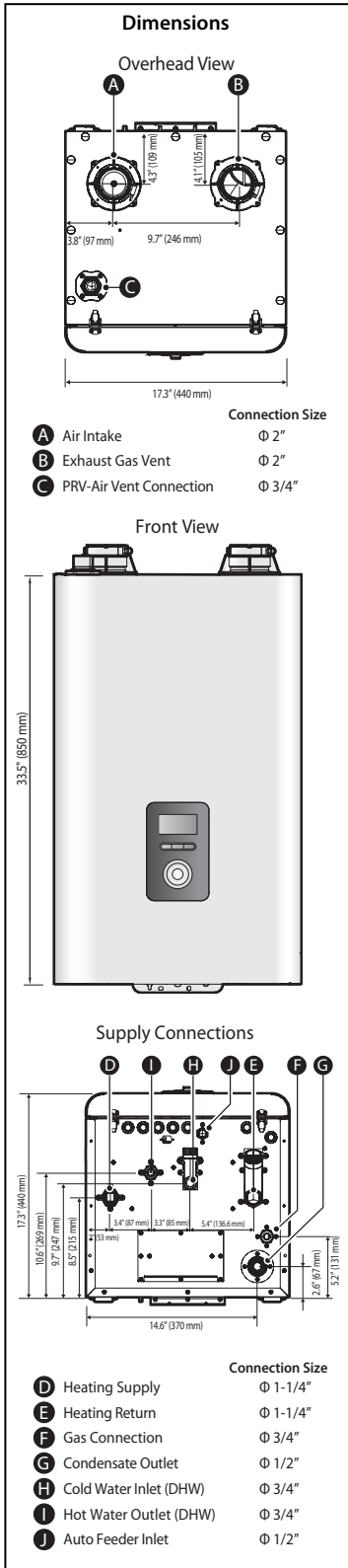
**Sleek Design - Compatible with 2" PVC Vent**



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



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