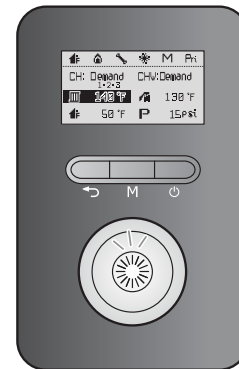


- Certified design according to **ANSI Z21.13 - CSA 4.9-2017** standards for indoor residential applications
- Gas Input Ranges:
NFB-175H - 175,000 to 13,300 BTU/h
NFB-200H - 199,900 to 13,300 BTU/h
- **Turndown Ratio (TDR)** of up to 15:1
- **Patented Stainless Steel Fire Tube Heat Exchanger** designed for low pressure loss and super-efficient operation
- Compatible with **2" PVC vent up to 65 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. Smart controls with Setup Wizard to simplify boiler start up"
- **Low Voltage Terminal Strip** - contacts for thermostat or zone controller, indirect DHW tank thermostat, outdoor reset, 24 VAC device relay, air handler interrupt, and LWCO
- **High Voltage Terminal Strip** - 120V contacts for use with boiler, system, and DHW pump wiring**
- **Temperature Options** - two boiler operating setpoints: hydronic heating temperature and DHW (indirect) settings range from **77°F (25°C) up to 190°F (88°C)**
- **Ready-Link Cascade Compatible** for up to 16 units with the use of Communication Cables #GXXX000546
- **Common Vent Compatible** - allows cascade systems to use a single exhaust and/or intake pipe for **up to 8 units** with the use of the Common Vent Backflow Damper Collar Kit **#30014367B**-Includes Cascade Cable (GXXX000546), VID Jumper cable and common vent collar damper
- 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**
NFB-175H/200H - 95.0% (NG/LP)
- 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

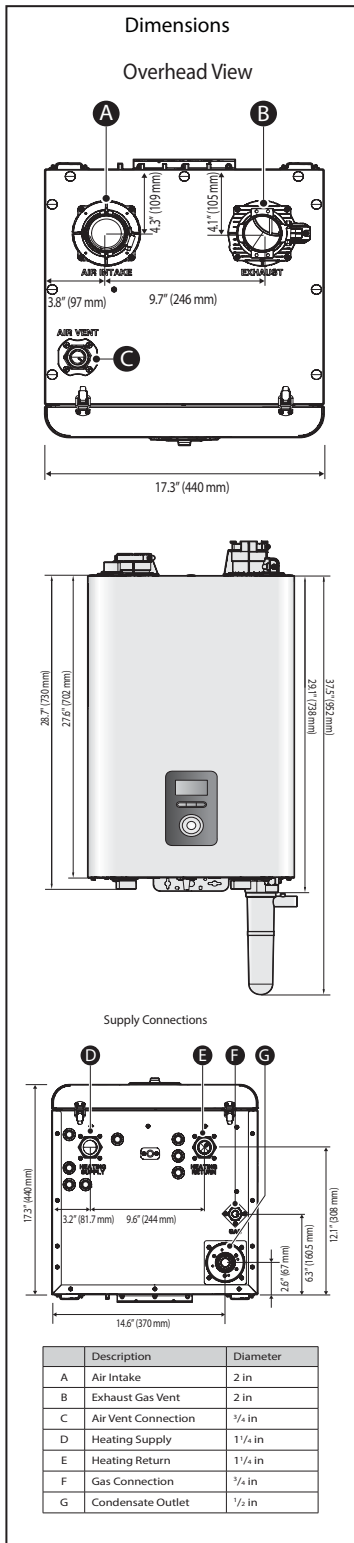


INCLUDED Illuminated Front Panel with Advanced Hydronic Operation



NFB Manifold Kit - Primary (GFFM-MSOZUS-002)	NFB Manifold Kit - Secondary (GFFM-SKTZUS-001)	Condensate Neutralizer (GXXX001322 - Single Unit) (GXXX001324 - Up to 6 Units) (GXXX001325 - Up to 16 Units)	Zone Pump Controller (PFMZ-02P-001 - For 2 Zones) (PFMZ-03P-001 - For 3 Zones) (PFMZ-04P-001 - For 4 Zones) (PFMZ-06P-001 - For 6 Zones)	Common Vent Damper Kit (30014367A)	Universal Temperature Sensor (GXXX001769)

Space Heating Specifications



Navien Condensing Boiler Space Heating Ratings					Other Specifications			
Model Number ¹	Heating Input (MBH)		Heating Capacity ² (MBH)	Net AHRI Rating Water ³ (MBH)	AFUE ² (%)	Water Pressure	Water Connection Size (Supply, Return)	Water Volume
	Min	Max						
NFB-175H	13.3	175	160	139	95	6–80 psi	1 1/4 in NPT	4.5 Gallon
NFB-200H		199.9	182	158	95			

- NOTE**
1. Ratings are the same for natural gas models converted to propane use.
 2. Based on U.S. Department of Energy (DOE) test procedures.
 3. 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 system, etc.

Specifications

Item	NFB-175H	NFB-200H
Dimensions	17.3 in (W) x 17.3 in (D) x 27.6 in (H)	
Boiler weight	121 lb (55 kg)	
Boiler weight with water	148 lb (67 kg)	
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–13.0 in WC	
Natural Gas Manifold Pressure	-0.03 to -0.70 in WC	-0.03 to -0.85 in WC
Propane Gas Manifold Pressure	-0.02 to -0.68 in WC	-0.02 to -0.75 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	Stainless Steel
Venting	Exhaust	2 in or 3 in PVC, CPVC, approved polypropylene* 2 in or 3 in Special Gas Vent Type BH (Class III, A/B/C) 2 in or 3 in Stainless Steel
	Intake	2 in or 3 in PVC, CPVC, polypropylene 2 in or 3 in Special Gas Vent Type BH (Class III, A/B/C) 2 in or 3 in Stainless Steel, ABS
	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, Vent Installation Detector (VID)	

Temperature Setting Range

Item	Temperature Setting Range	Remarks
Space Heating	Supply	77–190°F (25–88°C)
	Return	68–158°F (20–70°C)
		Actual supply and return temperatures vary depending on the selected outdoor reset curve.

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