

NFC-H High-Efficiency Condensing Fire Tube Combi-Boiler **Submittal Sheet**

Model NFC-250-175H (175,000 BTU/H space heating and 210,000 BTU/H DHW)

Model NFC-250-200H (199,900 BTU/H space heating and 210,000 BTU/H DHW)

Job Name: _____

Location: _____

Engineer: _____

Wholesaler: _____

Sales Rep: _____

Contractor: _____

Model: _____ **Gas Type (NG/LP):** _____ **Input (BTU/H):** _____ **Output (BTU/H):** _____

Notes: _____

Boiler Standard Features

- SS Heat Exchanger with Non-Metallic Condensate Collector Base
- Cold-rolled Carbon Steel Casing
- 95% AFUE
- 15:1 Turndown Ratio
- 80 PSI ASME Max Pressure
- 30 PSI ASME Relief Valve
- Direct Spark Ignition
- Variable Speed Blower
- Dual Venturi Mixing System
- Negative Pressure Gas Valve
- Cascaded Up to 16 Units (1 NFC-H and up to 15 NPEs)
- Common Vented Up to 8 Units (1 NFC-H and up to 7 NPEs)
- Wall Mounting Bracket
- LP Gas Conversion Kit
- Outlet & Inlet Temp Sensors
- Outdoor Temperature Sensor
- Flue gas Temperature Sensor
- Condensate Trap
- Built-in DHW module

Boiler Optional Accessories

- Secondary System Manifold
- Condensate Neutralizer Kit
- Zone Controller
- System Supply/Return Sensors
- NaviLink™ Control
- Boiler Stand / Rack System
- External Air Elimination and Expansion Control
- Boiler/System Fill Valve
- 50 PSI Pressure Relief Valve
- 80 PSI Pressure Relief Valve
- NaviClean™ magnetic filter
- Space heating isolation valves
- Primary manifold

Venting

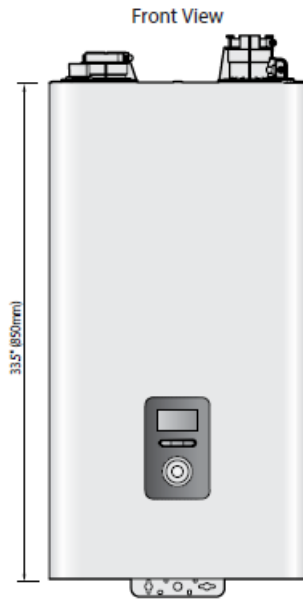
- Direct Exhaust Sidewall or Roof Venting
- Direct Exhaust Inside Air Venting
- Vertical and horizontal direct venting 2" up to 65', 3" up to 150'
- Vent Termination Caps
- Wall Flanges

Controls

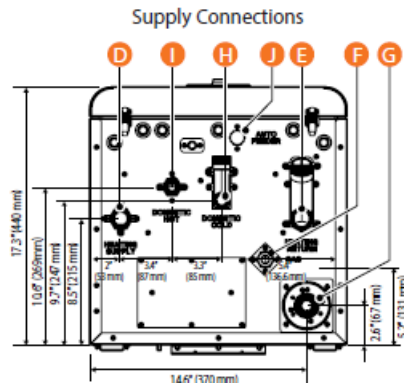
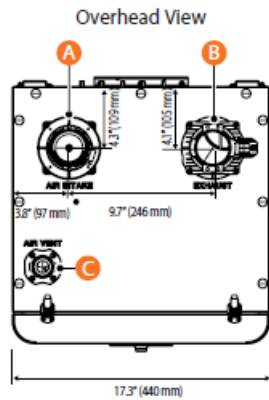
- LCD Display with Push Buttons and Dial
- Manual Reset LWCO
- High and Low Gas Pressure Switches with Manual Reset
- Manual Reset High Limit
- Freeze Protection
- Outdoor Reset
- Warm Weather Shutdown
- Air Handler Interface
- 4 Circulator Outputs
- 3 Zone Valve or Pump Control
- Remote Access via Navi-Link™ Mobile Application

Warranties

- 10 yrs. Residential and 5 yrs. Commercial Heat Exch. Warranty
- 5 yrs. Residential and 3 yrs. Commercial Parts Warranty
- 1 yr. Labor Warranty



- | | Connection Size |
|--|-----------------|
| A Air Intake | Ø 2" |
| B Exhaust Gas Vent | Ø 2" |
| C PRV-Air Vent Connection | Ø 3/4" |
| D Heating Supply | Ø 1" |
| E Heating Return | Ø 1" |
| F Gas Connection | Ø 3/4" |
| G Condensate Outlet | Ø 1/2" |
| H Cold Water Inlet (DHW) | Ø 3/4" |
| I Hot Water Outlet (DHW) | Ø 3/4" |
| J Auto Feeder Inlet (Make-up Water) | Ø 1/2" |



Navien Condensing Boiler Space Heating Rating					AISI CERTIFIED www.aisi-certified.org			Other Specifications		
Model Number	Input Ratings BTU/H		Heating Capacity (BTU/H)	Net AHRI Rating Water (BTU/H)	AFUE %	Water Pressure	Water Connection Size (Supply, Return)	Water Volume		
	Min	Max								
NFC-250/175H	13,300	175,000	16,100	140,000	95%	6 - 80 psi	1" NPT	4.5 gallons		
NFC-250/200H	13,300	199,900	18,300	159,000	95%					

Navien Combination Boiler Domestic Hot Water Ratings			AISI CERTIFIED www.aisi-certified.org				
Model Number	Input Ratings BTU/H		Water Pressure	Minimum Flow Rate	Flow Rate 45°F (25°C) Temp Rise	DHW Supply Side Connection Size	DHW Return Connection Size
	Min	Max					
NFC-250/175H	13,300	210,000	15-150 psi	0.5 GPM (1.9L/m)	8.4 GPM (31.8 l/m)	3/4" NPT	3/4" NPT
NFC-250/200H	13,300	210,000					