



FTVN Series II

Next Evolution of the NTI Boilers

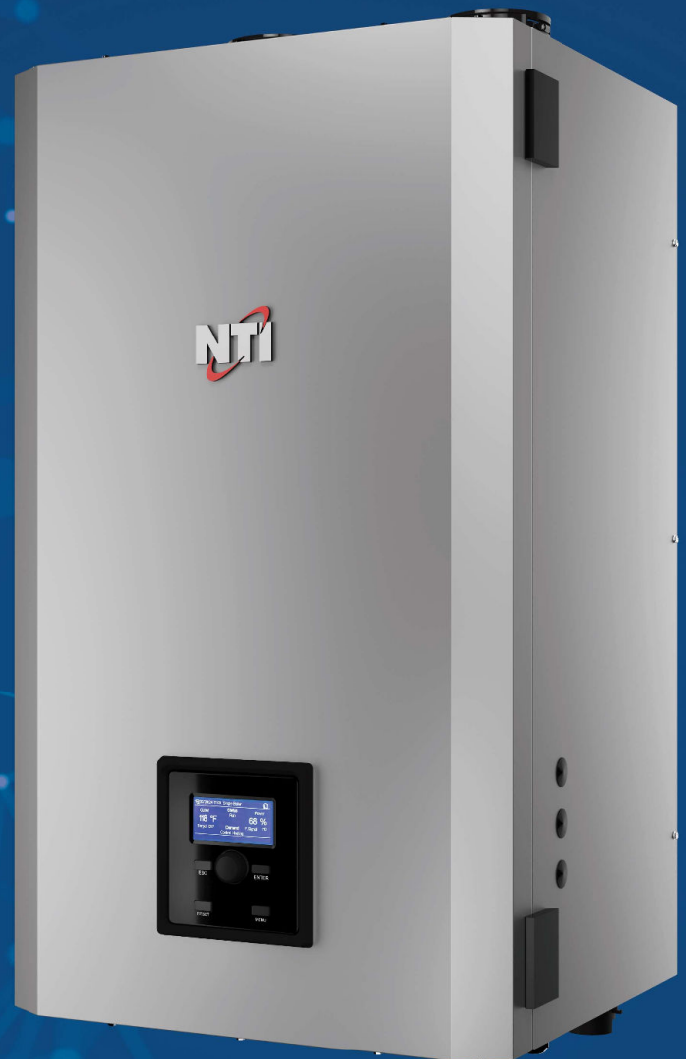
Available in:

85 to 199 MBH

Key Benefits:

- *Advanced User Interface with Easy Setup Wizard*
- *Simpler Wiring with Improved Junction Box*
- *NTI Net for WiFi and Remote Connectivity*
- *Integrated ECM Primary Pump*
- *Combi and Heat Only Versions Available*

5-year parts/limited lifetime on heat exchanger



FTVN Series II

A NEXT LEVEL HEATING EXPERIENCE

| *The new advanced system interface*

- | Easy to read 3.75" display
- | Intuitive menu navigation via central dial
- | Easy first installation with the setup wizard
- | Access through the menu to multifunction settings: time, zone, mode programming, holiday
- | Management of 2 zone pumps CH directly from display thanks to the new junction box with integrated outputs
- | Multi-temperature modulating control



ENDURING QUALITY INSIDE AND OUT

| *AIC® Vertical Fire Tube heat exchanger*

- | The NTI FTVN series II uses a fire tube heat exchanger from AIC®, the world leader in fire tube technology. With a rugged construction from SA-240 S43932 Chromium stainless steel, produced in a state-of-the-art automated production facility, the heat exchanger exhibits the highest quality and durability.



FTVN Series II

ACCESSORIES



Galvanized Floor Stands



N-Link



Heavy Duty Floor Stand



NTI Digital Room Sensor



0-10V / 4-20mA Clip-In Module

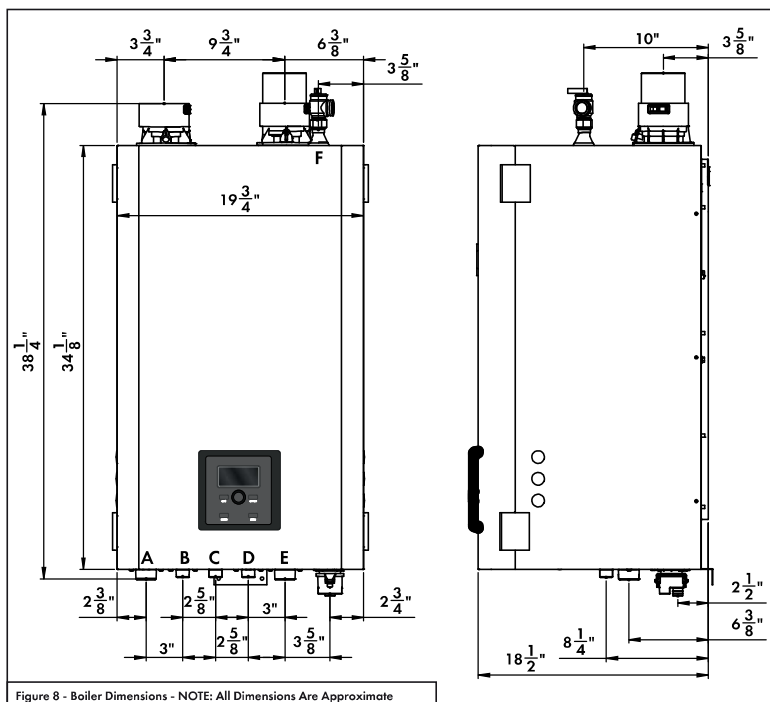


TRX / FTVN Low Loss Header



Heat Exchanger Coil Cleaning Tool

DIMENSIONS



	FTVN						
	085	110	150	199	110C	150C	199C
A - Central Heating	1-1/4" NPT						
B - Supply to Indirect Water Heater	3/4" NPT						
C - Gas Inlet	3/4" NPT						
D - DHW Inlet	N/A			3/4" NPT			
E - Central Heating Return	1-1/4" NPT						
F - Pressure Relief Valve	3/4" NPT						

Table 8 - Boiler Connection Sizes

FTVN Series II

SPECIFICATIONS

MODEL		FTVN085	FTVN110	FTVN150	FTVN199	FTVN110C	FTVN150C	FTVN199C	
Order Code		3314309	3314310	3314312	3314314	3314311	3314313	3314315	
Capacity	Input Rating CH ¹	MBH	8.5-85	11-110	15-150	19.9-199	11-110	15-150	19.9-199
	Input Rating DHW ¹								
	Heating Capacity ^{1 2}		79	101	138	184	101	138	184
	Net AHRI Rating, Water ²		69	88	120	160	88	120	160
	Modulation (turndown)		Ratio	10:1					
Performance	AFUE	%	96	95					
DHW Flow	35°F Rise	GPM	N/A				5.8	7.9	10.5
	45°F Rise						4.5	6.1	8.2
	77°F Rise						2.6	3.6	4.8
Venting Length ^{3 4}	2" Min-Max Exhaust	Ft	6-100						
	2" Min-Max Inlet		0-100						
	3" Min-Max Exhaust		6-150						
	3" Min-Max Inlet		0-150						
Volume	Water Content	Gallons	1.4	2	2.8	1.5	2.1	2.8	
Weight	Approx "Full Boiler"	Lbs	112	122	139.5	112	128.5	140.5	
	Shipping		110	120	131	110	121	132	
	Safety Devices	Flame Rectifier Probe, Temperature Limit Control (190°F), Water Pressure Switch (Min. 8 PSI), Freeze Protection, Condensate Trap, Flue Temperature High Limit Sensor (199°F), Blocked Condensate Pressure Switch, Blocked Vent Pressure Switch							

¹ Listed Input and Output Ratings are at minimum vent lengths at an altitude of 0 - 2000 ft. Numbers will be lower with longer venting and/or altitudes greater than 2000 ft.

² Ratings based on standard test procedures prescribed by the US Department of Energy and certified to ANSI Z21.13/CSA 4.9

³ The FTVN requires a special venting system. Use only the vent materials and methods detailed in these installation instructions.

⁴ It is permissible to use SS vent material, however, only PVC/CPVC/PP can be directly inserted into the appliance adapters.

distributed by:



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from people who care

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