

UFT BOILER

High Efficiency - Medium Mass

316L Stainless Steel,
Fire Tube Heat Exchanger

10 to 1 Turndown Ratio

Advanced Modulating Gas
Condensing Boiler; up to
96% AFUE

Equipped with
Highly Innovative
Gas Leak Detector

Venting: 2" or 3" PVC, CPVC, SS
or Polypropylene

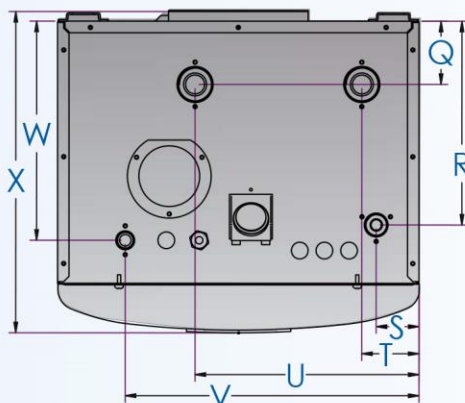
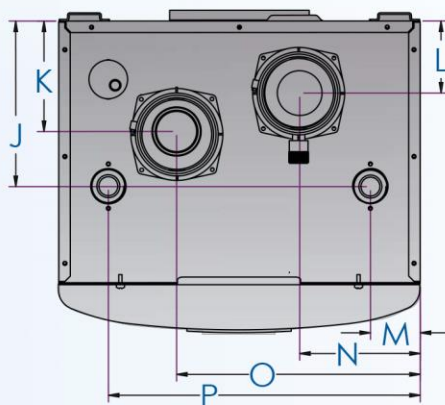
Supply and Return Connections
on Both the Top and Bottom

No Primary/ Secondary
Piping Needed



Model	UFT-80W	UFT-100W	UFT-120W	UFT-140W	UFT-175W	UFT-199W
AFUE	95.4%	95.1%	95.6%	95.0%	95.9%	96.0%

Fighting the High Cost of Heating



INCLUDED IN THE BOX

- 2 Vent Screens (3")
- 30 PSI Pressure Relief Valve
- 1 1/4" x 1 1/4" x 3/4" Tee (steel) & 3/4" Street Elbow (steel)
- Anchors & Wall Mounting Bracket
- Quick Reference Guide, User & Installation Manuals
- Condensate Hose
- Spare Parts Kit
- 3" CPVC Pipe (6" Length)
- Outdoor Sensor with Screws & Anchors

OPTIONAL EQUIPMENT

- System Sensor
- Indirect Tank Sensor
- 3", 4", 6" Stainless Steel Outside Termination Vent Kit
- 3" PVC Concentric Vent Kit
- U.L. 353 Compliant Low Water Cutoff w/ Manual Reset
- PC Connection Kit
- Condensate Neutralizer

	DESCRIPTION										DIAMETER									
A	CH Supply Adapter										1 1/4"									
B	CH Return Adapter										1 1/4"									
C	Gas Inlet Adapter										3/4"									
D	Condensate Adapter										1/2"									
E	Intake Pipe Connection										3"									
F	Exhaust Vent Connection										3"									

MODEL	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
80W 100W 120W 140W	17.5	28.75	34	7.9	5.3	3.5	2.4	5.8	11.7	14.9	3.0	9.8	2.1	2.7	10.7	14.1	10.5	15.4
175W 199W	19.7	31.9	37	7.2	5.1	3.2	3.75	5.8	12.5	17.5	4.0	11.1	2.1	2.2	11.7	15.8	11.8	16.8

Model		UFT-80W	UFT-100W	UFT-120W	UFT-140W	UFT-175W	UFT-199W
Input Rate		8,000~80,000 Btu/hr	10,000~100,000 Btu/hr	12,000~120,000 Btu/hr	14,000~140,000 Btu/hr	19,900~175,000 Btu/hr	19,900~199,000 Btu/hr
AFUE		95.4%	95.1%	95.6%	95.0%	95.9%	96.0%
Dimensions (W - H - D)		W 17.25" - H 29.0" - D 15.5"				W 19.68" - H 31.89" - D 17"	
Installation Type		Indoor / Wall hung					
Vent Type		Forced Draft Direct-vent					
Combined Vent Length & Venting Materials		2"(50ft) , 3"(100ft) / PVC, CPVC, PP & Power Vent					
Ignition		Direct Electronic Ignition					
Gas Supply Pressure	Natural Gas	3.5" WC to 14" WC					
	Propane Gas	3.5" WC to 14" WC					
Power Supply	Main Supply	120V 60Hz					
	Max Power	160W					
Water Pressure		Min 15 ~ Max 30 PSI					
Connection Sizes	Supply/Return	1-1/4" NPT					
	Gas Inlet	3/4" NPT					
Warranty		Limited 10 Year Residential Warranty					

EFT Combi

Space Heating & Endless Hot Water



High Efficiency Floor Standing

Durable high grade stainless steel fire tube heat exchanger

Endless hot water, advanced temperature control

Advanced modulating gas condensing boiler
EFTC-199F = 95.7% AFUE
EFTC-140F = 93.2% AFUE

Available in
LP and Natural Gas

Equipped with highly innovative gas leak detector

Eco-friendly and low NOx combustion system

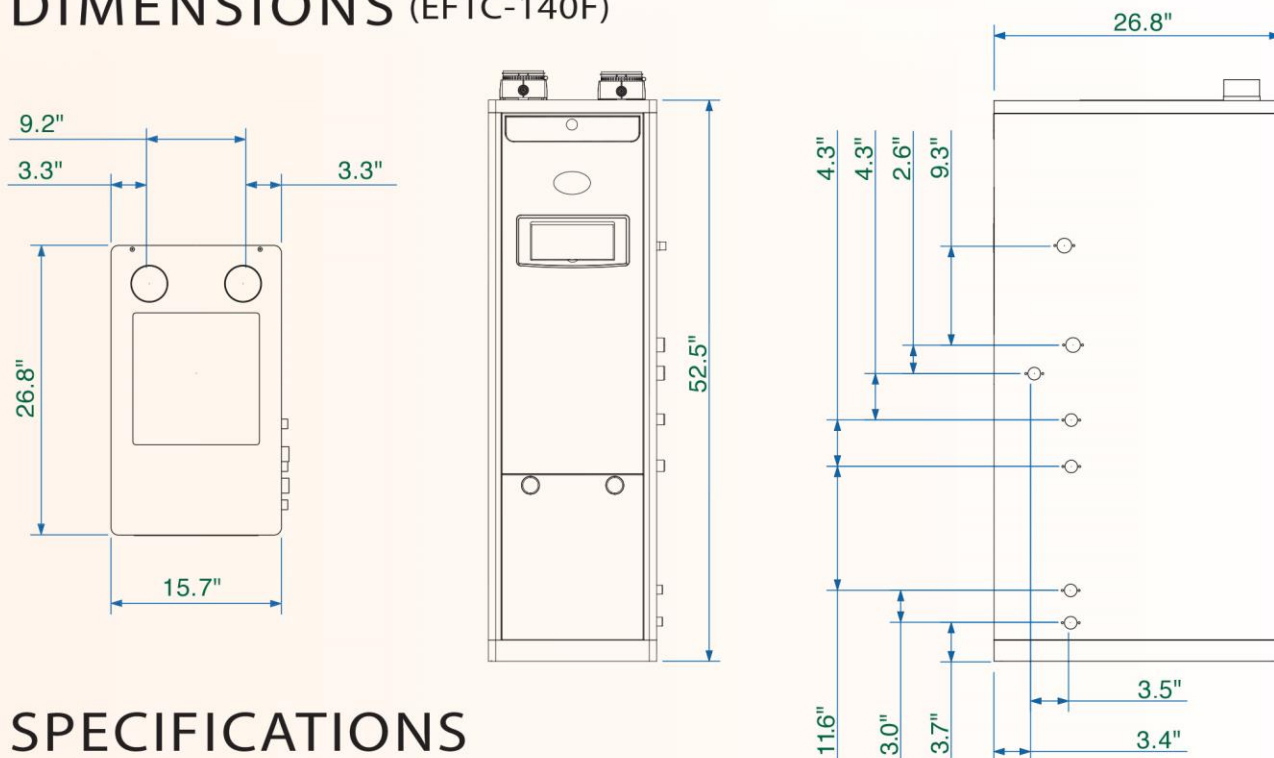
Stainless steel indirect storage tank (15 gallon) eliminates temperature fluctuation

Up to 10:1 Turndown Ratio

Revolutionary Design



DIMENSIONS (EFTC-140F)



SPECIFICATIONS

Model		EFTC-140F	EFTC-199F
DHW Input	Natural Gas, Propane Gas	28,000 ~ 140,000 Btuh	19,900 ~ 199,000 Btuh
CH Input		28,000 ~ 140,000 Btuh	19,900 ~ 140,000 Btuh*
Dimensions		W 15.7" X H 52.5" X D 26.7"	W 15.7" X H 53.7" X D 26.8"
Installation Type		Indoor / Floor Standing	
Venting Type		Forced Draft Direct-Vent and Power Vent	
Venting: Combined Vent Length / Materials		2"(50ft), 3"(100ft) / CPVC, PVC, PP	
Ignition		Electronic Ignition	
Gas Supply Pressure	Natural Gas	3.5" WC ~ 14" WC	
	Propane Gas	3.5" WC ~ 14" WC	
Power Supply	Main Supply	AC 120V / 60Hz	
	Maximum Power Consumption	160W	
Flow Rate (DHW)	35°(19°) Temp Rise	7.1 GPM	9.9 GPM
	45°(25°) Temp Rise	5.5 GPM	7.7 GPM
	77°(43°) Temp Rise	3.2 GPM	4.8 GPM
Water Pressure	Space Heating	15 PSI	
	Domestic Hot Water	150 PSI	
Connection Sizes	Cold Water Inlet/ Hot Water Outlet	3/4" NPT	
	Space Heating Supply/Return	1" NPT	
	Gas Inlet	1/2" NPT for 140 Model (1/2" x 3/4" Bell Coupling Provided to Upsize Gas Line) 3/4" NPT for 199 model	
Warranty		Limited 10 Year Residential Warranty	

EFT Combi

Space Heating & Endless Hot Water

High Efficiency

Wall Mount

Stainless Steel Fire Tube
Heat Exchanger

Up to 10 to 1 Turndown Ratio

Advanced Modulating Gas
Condensing Boiler:

EFTC-140W = 95% AFUE

EFTC-199W = 95.1% AFUE

Built-in 2 Gallon Indirect
Stainless Steel Tank

Equipped with
Highly Innovative
Gas Leak Detector

3.2 GPM Flow Rate
@ 77° Rise (EFTC-140W)

4.8 GPM Flow Rate
@ 77° Rise (EFTC-199W)

Venting: 2" or 3" PVC, CPVC
or Polypropylene

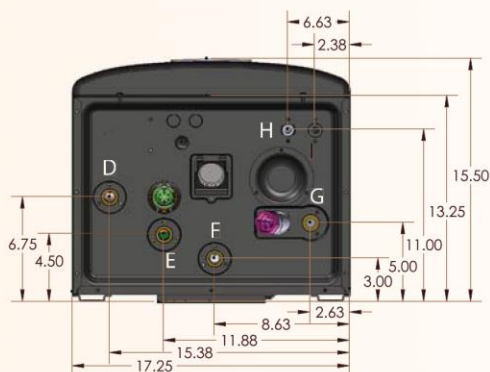


Revolutionary
Design

DIMENSIONS (EFTC-140W)



	DESCRIPTION	DIAMETER
A	Automatic Air Vent	-
B	Intake Pipe Connection	3"
C	Exhaust Pipe Connection	3"
D	CH Supply Adapter	1" NPT
E	CH Return Adapter	1" NPT
F	DHW Outlet Adapter	3/4" NPT
G	DHW Inlet Adapter	3/4" NPT
H	Gas connection Adapter	1/2" NPT (1/2" X3/4" Bell Coupling Provided to Upsize Gas Line)
I	Condensate Adapter	-



BOTTOM



TOP

Model		EFTC-140W	EFTC-199W
DHW Input	Natural Gas or Propane Gas	28,000 ~ 140,000 Btuh	19,900 ~ 199,000 Btuh
CH Input		28,000 ~ 140,000 Btuh	19,900 ~ 140,000 Btuh*
Dimensions (W X H X D)		W 17.25" X H 29" X D 15.5"	W 19.7" X H 31.9" X D 16.8"
Installation Type		Indoor / Wall - Hung	
Venting Type		Forced Draft Direct-Vent	
Venting: Combined Vent Length / Materials		2"(50ft), 3"(100ft) / CPVC, PVC, PP & Power Vent	
Ignition		Electronic Ignition	
Gas Supply Pressure	Natural Gas	3.5"W.C ~ 14"W.C	
	Propane Gas	3.5"W.C ~ 14"W.C	
Power Supply	Main Supply	AC 120V / 60Hz	
	Maximum Power Consumption	160W	
Flow Rate (DHW)	35°F (19°C) Temp Rise	7.1 gal/m	9.88 GPM
	45°F (25°C) Temp Rise	5.5 gal/m	7.7 GPM
	77°F (43°C) Temp Rise	3.2 gal/m	4.8 GPM
Water Pressure	Central Heating	15 min - 30 max PSI	
	Domestic Hot Water	15 min - 150 max PSI	
Connection Sizes	Cold Water Inlet/ Hot Water Outlet	3/4" NPT	
	Space Heating Supply/Return	1" NPT	
	Gas Inlet	1/2" NPT for 140 Model (1/2" x 3/4" Bell Coupling Provided to Upsize Gas Line) 3/4" NPT for 199 model	
Warranty		Limited 10 Year Residential Warranty	