

Advanced Heating & Hot Water Systems

High Efficiency **EFT Combi** Space Heating & Endless Hot Water



Revolutionary Design

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

Eco-friendly and low NOx combustion system

Stainless steel indirect storage tank (15 Gallon) which eliminates temperature fluctuation

> Turndown Ratio EFTC-199F = up to 10:1 EFTC-140F = up to 5:1

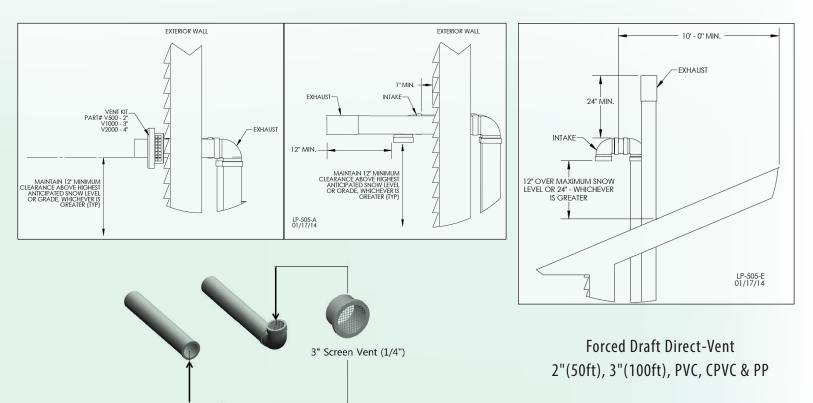
Save Energy • Save Money • Save Space • Save On Installation

EFT Combi

A CLOSER LOOK

Exhaust Intake DC Turbo Fan **Automatic Air Vent** Modulating combustion blower **Ceramic Fiber Burner** The Eco Pre-mixed burner with Gas Valve high combustion efficiency and low NOx emissions **Gas Input** Fire Tube Heat Exchanger Hi-fin Heat Exchanger - Higher Main Control efficiency - Lower pressure drop -Multiple safety functions Compact storage size Built in dual stage anti-freezing mechanism **Space Heating Water lines Domestic Hot Water lines Circulation Pump for Condensate Out Central Heating** Air Pressure Sensor Indirect Fired Water Heater **Circulation Pump for** High quality stainless steel coil: Indirect Fired Water Heater Minimize calcium deposit Attached storage tank (Endless hot water & maintains Drain line stable temperature)

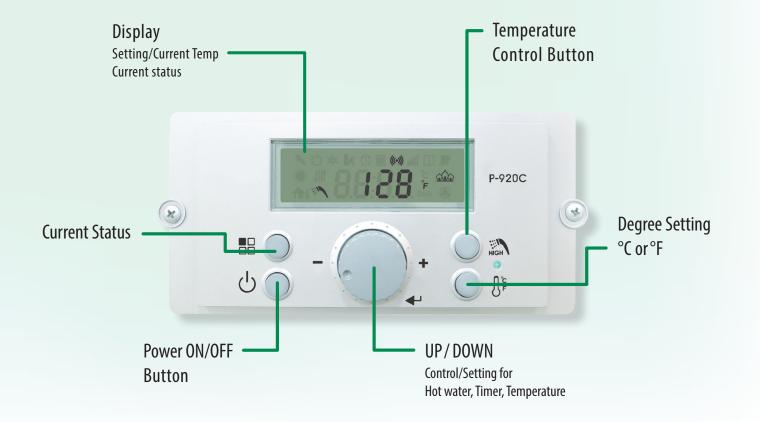
VENT TERMINATION



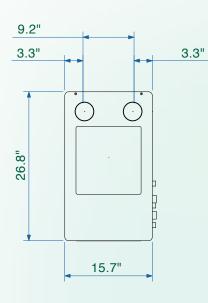
MULTIFUNCTION CONTROL PANEL

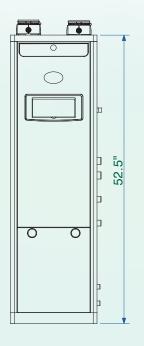
Customized Temperature Control

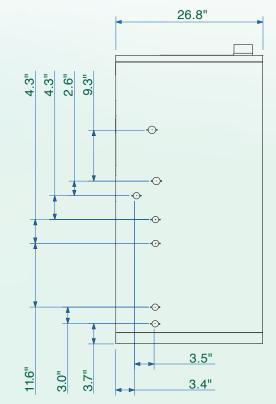
Maintain constant temperature with the user friendly Flow Control, Flow Sensor and Heat Capacity Control.



DIMENSIONS (EFTC-140F)







Model		EFTC-140F	EFTC-199F
DHW Input	Natural Gas, Propane Gas	28,000 ~ 140,000 Btuh	19,900 ~ 199,000 Btuh
Boiler 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)	35º (19º) 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 mode	
Warranty		Limited 10 Year Residential Warranty	

* The Central Heating capacity can be boosted to 199,000 Btuh by using an additional pump on the primary loop of the boiler (EFTC-199)

In accordance with our company policy of ongoing product improvement, HTP Inc. reserves the right to make changes without prior notice.

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