

PART 3 – TECHNICAL SPECIFICATIONS

MODEL		EFTC-140F
Installation		Indoor, Floor Stand, Fully Condensing
Minimum / Maximum Input (Btu/Hr)		28,000 / 140,000
AFUE		92.7%
Hot Water Capacity	35°F Rise	7.1 Gal
	45°F Rise	5.5 Gal
	77°F Rise	3.2 Gal
Flue System		Sealed Combustion Direct Vent
Combined Vent Length		2" (50 feet), 3" (100 feet)
Shipping Weight (lbs est.)		250
Orifice Size	NG	0.232" (5.9 mm)
	LP	0.185" (4.7 mm)
Gas Supply Pressure	NG	3.5" to 14" WC
	LP	3.5" to 14" WC
Manifold Pressure	Min (2" / 3" Vent)	NG: -0.0039" / -0.002" WC
	Max (2" / 3" Vent)	NG: -0.374" / -0.216" WC
Power Supply	Main Supply	120V 60 Hz / 6A
	Maximum Power Consumption	160W
Ignition System		Direct Electronic Ignition / Automatic Flame Sensing
Burner System		Single Orifice Premixed Fuel Modulation Ceramic Fiber Infrared
Gas Valve System		Combination Modulating (Current Proportional)
Internal Pipe Material		Copper
Dimensions		W 15.7" – H 53" – D 26.8"
Storage Tank Water Capacity (DHW)		Under 15 Gallons
Main Controller / Control Panel		GTX-920C / P-920C CB-HTP
CH Pressure		Min 15 PSI - Max 30 PSI
DHW Pressure		Max 150 PSI
Connection Sizes	DHW Inlet / Hot Water Outlet	¾" NPT
	CH Supply / Return	1" NPT
	Gas Inlet	½" NPT (1/2" X ¾" Bell Coupling Provided to Upsize Gas Line)
Materials	Cabinet	Cold Rolled Carbon Steel
	Heat Exchanger	Primary Heat Exchanger: Stainless Steel Storage Tank: Stainless Steel
Safety Devices		Flame Rod, Overheat Cut Off Device, Gas Valve Operation Detector, Exhaust Temperature High Limit Sensor, Water Temperature High Limit Sensor

Table 3 – Technical Specifications