

Type of Appliance	Direct vent wall furnace suitable for homes, apartments, and condominiums; modular/mobile home approved; forced combustion, forced convection	
Rinnai Model Number	RHFE-1004FTA-N (Natural gas)	RHFE-1004FTA-P (Propane)
Gas Rate Input (BTU/hour)	Low - 10,500 High - 38,400	Low - 10,500 High - 36,500
Gas Rate Output (BTU/hour)	Low - 8,400 High - 30,720	Low - 8,400 High - 29,200
AFUE Rating	80.6%	82.0%
Minimum Gas Supply Pressure	5 in (127 mm) W.C.	11 in (279 mm) W.C.
Maximum Gas Supply Pressure	10.5 in (267 mm) W.C.	13 in (330 mm) W.C.
Electrical Connection	AC 120V, 60 Hz, 121 watts	
Gas Connection	1/2 inch FNPT	
Combustion System	Stainless steel inshot burners	
Ignition System	Direct spark	
Temperature Settings	Low (LO): minimum combustion 60° - 80° F in 2° increments High (HI): maximum combustion	
Temperature Control	<ul style="list-style-type: none"> • Electronic thermostat • Temperature limiting program to comply with Inside Design Temperature limits 	
Humidifier Tray	Enameled tray with capacity of 6.3 pints (3 liters)	
Weight	Approximately 90 lbs (41 kg)	
Clearance from Combustibles	Side: 2 inches (50 mm) Front: 40 inches (1 m)	Top: 10 inches (250 mm)
Noise Level	37 - 47 dB(A)	
Warm Air Outlet	Bottom front louvers	

FEATURES

Timer Settings:	Starts and turns off the heater at two timer settings
Seven-stage modulating gas valve:	provides precise gas flow by operating from one to seven stages
Negative coefficient thermistor:	detects temperature change in 1/2 of a degree
Variable speed inducer motor with pressure switch:	monitors and controls combustion fan and allows the appliance to overcome winds of up to 40 mph
Quiet operation:	reduces noise through use of swept blades in convection fan; and through the design of the combustion chamber and heat exchanger which silently expand or contract due to temperature changes
Self diagnostic electronics:	continually monitors functions; provides auto shutdown codes; indicates when air filter needs cleaning