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	Ξ	X08C (RHFE-202FTA)	
Type of Appliance	Direct vent wall furnace suitable for homes, apartments, and condominiums, residential or commercial setting; modular/mobile home approved; forced combustion, forced convection		
Rinnai Model Number	RHFE-202FTA-A-N (Natural gas)	RHFE-202FTA-A-P (Propane)	
Gas Rate Input (BTU/hour)	Low - 3,000 High - 8,000	Low - 3,000 High - 8,000	
Gas Rate Output (BTU/hour)	Low - 2,400 High - 6,400	Low - 2,400 High - 6,400	
AFUE Rating	82%	83%	
Minimum Gas Supply Pressure	4.5 in (114 mm) W.C.	8 in (203 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, 41 watts		
Gas Connection	1/2 inch NPT		
Combustion System	Stainless steel Bunsen burners		
Ignition System	Electronic spark ignition		
Fan CFM Output	Low - 48.3 High - 78.6		
Temperature Settings	Low (LO): minimum combustion 60° - 80° F in 2° increments High (HI): maximum combustion		
Temperature Control	 Electronic thermostat Temperature limiting program to comply with Inside Design Temperature limits 		
Humidifier Tray	Enameled tray with capacity of 1.5 pints (700 cc)		
Weight	Approximately 46 lbs (21 kg)		
Clearance from Combustibles	Side: 2 inches (50 mm), Top: 0 inches (0 mm), Front: 40 inches (1 m)		
Noise Level	27 - 36 dB(A)		
Warm Air Outlet	Bottom front louvers		

FEATURES

Restart capability:	restarts automatically when ignition or combustion fails				
Timer Settings:	starts and turns off the heater at 2 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				
Self diagnostic electronics:	continually monitors functions; provides auto shutdown codes; indicates when air filter needs cleaning				
Quiet operation:	reduces noise through use of swept blades in convection fan; quiet expansion / contraction of parts due to temperature changes				
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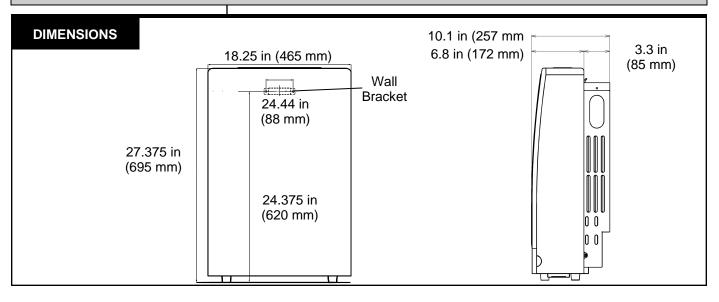




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			EX08C (RHFE-202FTA)	
Safety Devices	 Flame rod detects flame failure; results in auto shutdown to prevent escape of gas Bi-metal switch, thermal fuse, and thermistor detect overheat condition; results in auto shutdown 3 amp fuse protects against power surge; results in auto shutdown 			
	Abnormal spark at time of ignition results in auto shutdown			
	Combustion fan purges any gas from the combustion chamber before ignition			
	• Convection fan continues to run after burner shutdown to cool internal parts			
	Child lock prevents inadvertent operation			
	 Appliance shuts down if room reaches 104° F (40° C) 			
Venting	concentric; 3 1/8 inch (80 mm) wall hole			
Maximum Vent Length	no extensions allowed; flue manifold termination connects directly to unit			
Wall Thickness and Flue Manifold Kits	Name	Kit No.	fits walls	
(the "A" vent kit is included	S Vent Kit	FOT-150	3 - 4 1/2 in (75 - 115 mm)	
with the appliance)	A Vent Kit	FOT-151	4 1/2 - 9 1/2 in (115 - 240 mm)	
	B Vent Kit	FOT-152	9 1/2 - 15 3/4 in (240 - 400mm)	
	C Vent Kit	FOT-153	15 3/4 - 23 5/8 in (400 - 600 mm)	
	D Vent Kit	FOT-154	23 5/8 - 31 1/2 in (600 - 800 mm)	
Warranty	Labor: 2 years; Parts: 5 years; Heat Exchanger: 10 years			
Conversion Kit	To natural gas: 204000033		To propane gas: 204000037	

Rinnai is continually updating and improving products; therefore, specifications are subject to change without prior notice. Local, state, provincial and federal codes must be adhered to prior to installation.



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