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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-558RFA-N (Natural gas)	RHFE-558RFA-P (Propane)	
Gas Rate Input (BTU/hour)	Low - 8,200 High - 21,500	Low - 8,200 High - 20,700	
Gas Rate Output (BTU/hour)	Low - 6,560 Low - 6,560 High - 17,200 High - 16,560		
AFUE Rating	81.0% 80.0%		
Minimum Gas Supply Pressure	3.5 in (89 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, 50 watts		
Gas Connection	1/2 inch FNPT		
Combustion System	Stainless steel inshot burners		
Ignition System	Direct spark		
Fan CFM Output:	Low: 110.5 High: 162.7		
Temperature Settings	Low (LO): minimum combustion 60° - 80° F in 2° increments High (HI): maximum combustion		
Temperature Control	Electronic thermostat		
Humidifier Tray	Enameled tray with capacity of 3 pints (1.3 liters)		
Weight	Approximately 53 lbs (24 kg)		
Clearance from Combustibles	Side: 2 inches (50 mm) Front: 40 inches (1 m)	Top: 10 inches (250 mm)	
Noise Level	32 - 39 dB(A)		
Warm Air Outlet	Bottom front louvers		

FEATURES

Linear function modulation:	provides precise gas flow	
Negative coefficient thermistor:	detects temperature change in 1/2 of a degree	
Variable speed inducer motor:	monitors and controls combustion fan	
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	

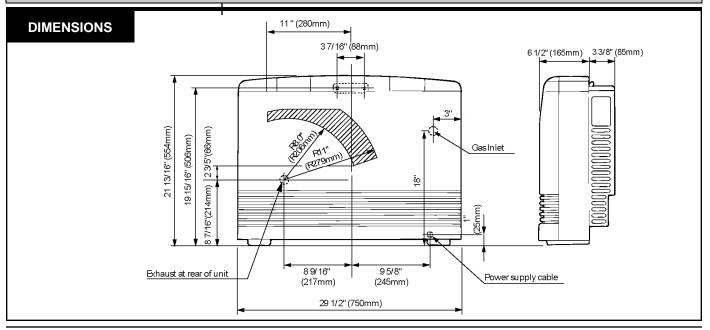


ES22 (RHFE-558RFA)

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			ES22 (RHFE-558RFA)	
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 spa	ark at time of igr	nition 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 Function 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	13 feet (4 m) with a maximum of 2 bends; maximum 8 feet (2.4 m) vertically			
Wall Thickness and Flue Manifold Kits (the "A" vent kit is included with the appliance)	Name	Kit No.	fits walls	
	S Vent Kit	FOT-150	3 - 4 1/2 in (75 - 115 mm)	
	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 with years 6-10 prorated			
Rinnai is continually undating and	l improving product	s therefore she	ecifications are subject to change without prior	

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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