

EX38C (RHFE-1005FTA)

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-1005FTA-N (Natural gas) RHFE-1005FTA-P (Propane)

 Gas Rate Input (BTU/hour)
 Low - 13,200
 Low - 13,200

 High - 38,400
 High - 36,500

 Gas Rate Output (BTU/hour)
 Low - 10,560
 Low - 10,560

 High - 30,720
 High - 29,200

AFUE Rating 80.3%

Minimum Gas Supply Pressure3.5 in (89 mm) W.C.8 in (203 mm) W.C.Maximum Gas Supply Pressure10.5 in (267 mm) W.C13 in (330 mm) W.C.

Electrical Connection AC 120V, 60 Hz, 117 watts

Gas Connection 1/2 inch FNPT

Combustion System Stainless Steel Bunsen Burners

Ignition System Electronic spark ignition

Temperature Settings

Low (LO): minimum combustion
60° - 80° F in 1° 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 6.3 pints (3 liters)

Weight Approximately 88 lbs (40 kg)

Clearance from Combustibles | Side: 2 inches (50 mm) | Top: 10 inches (250 mm)

Front: 40 inches (1 m)

Noise Level 39 - 46 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 monitors and controls combustion fan and allows the appliance to

pressure switch: 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







Rinnai.

EX38C (RHFE-1005FTA)

Safety Devices

- Flame rod detects flame failure; results in auto shutdown to prevent escape of gas
- Thermal fuse, and thermistor detect overheat condition; results in auto shutdown
- 5 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
- Function lock prevents inadvertent operation
- Appliance shuts down if room reaches 104° F (40° C)

concentric; 3 1/8 inch (80 mm) wall hole

13 feet (4 m) with a maximum of 2 bends

Venting

Maximum Vent Length

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)

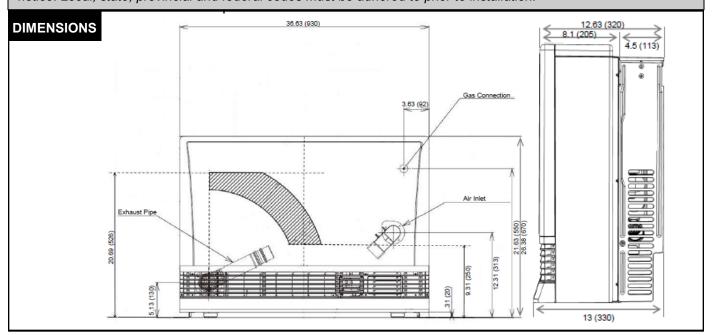
Labor: 2 years; Parts: 5 years; Heat Exchanger: 10 years

Available for conversion to natural gas (203000001) or propane (203000002)

Warranty

Conversion Kits

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.



Rinnai Corporation • 103 International Drive • Peachtree City, GA 30269 • Toll-Free: 1-800-621-9419 • Fax: 678-829-1666 • www.rinnai.us