Rinnai.

| | Ξ | X22C (RHFE-559FTA) | |
|-----------------------------|--|------------------------------|--|
| 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-559FTA-A-N (Natural gas) | RHFE-559FTA-A-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 High - 17,200 | Low - 6,560 High - 16,560 | |
| AFUE Rating | 81% | 82% | |
| 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, 56 watts | | |
| Gas Connection | 1/2 inch NPT | | |
| Combustion System | Stainless steel Bunsen burners | | |
| Ignition System | Electronic spark ignition | | |
| 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 Temperature limiting program to comply with Inside Design Temperature limits | | |
| Humidifier Tray | Enameled tray with capacity of 2.1 pints (1000 cc) | | |
| Weight | Approximately 57 lbs (26 kg) | | |
| Clearance from Combustibles | Side: 2 inches (50 mm), Top: 0 inches (0 mm), Front: 40 inches (1 m) | | |
| Noise Level | 33 - 42 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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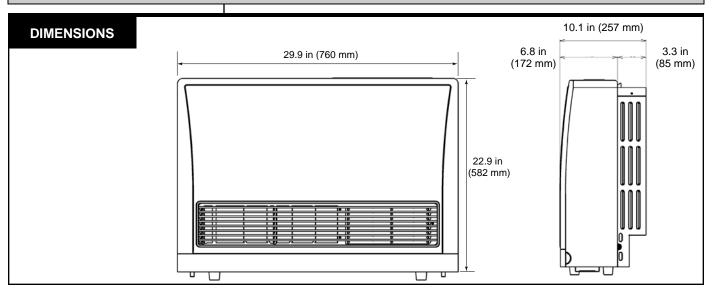




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| | | EX22C (RHFE-559FTA) | |
|--|---|---|--|
| Flame rod detects flame failure; results in auto shutdown to prevent escape of gas | | | |
| • Bi-metal switch, thermal fuse, and thermistor detect overheat condition; results in auto shutdown | | | |
| 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) | | | |
| concentric; 3 1/8 inch (80 mm) wall hole | | | |
| 13 feet (4 m) with a maximum of 2 bends; maximum 10 feet (3 m) vertically | | | |
| 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 | | | |
| To natural gas: 204000036 | | To propane gas: 204000040 | |
| | of gas Bi-metal switch results in auto 3 amp fuse pro Abnormal spar Combustion fan ignition Convection fan Child lock prev Appliance shut concentric; 3 1/8 i 13 feet (4 m) with Name S Vent Kit A Vent Kit B Vent Kit C Vent Kit D Vent Kit Labor: 2 years; Pa | of gas Bi-metal switch, thermal fuse results in auto shutdown Abnormal spark at time of igr Combustion fan purges any g ignition Convection fan continues to r Child lock prevents inadverte Appliance shuts down if room concentric; 3 1/8 inch (80 mm) v 13 feet (4 m) with a maximum of Name Kit No. S Vent Kit FOT-150 A Vent Kit FOT-151 B Vent Kit FOT-152 C Vent Kit FOT-153 D Vent Kit FOT-154 Labor: 2 years; Parts: 5 years; F | |

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