

Continue



Rheem criterion ii gas furnace service manual

Rheem criterion ii plus 2 gas furnace manual. Rheem criterion ii gas furnace manual.

GAS FURNACES RGPL-SERIES ECM Equipped Models with Input Rates from 50k to 125k BTU/hr (15-37 kW) (US & Canadian Models) The Rheem Criterion II Plus 2 LXE line of upflow/horizontal gas furnaces are designed for utility rooms, closets, or attics. With a low-profile 34 inch height, they can be installed vertically and used in applications that traditionally require horizontal furnaces. Features include: * Patented Heat Exchanger with corrosion-resistant stainless and aluminum construction * Energy-efficient ECM 2+ motor improving cooling efficiency when matched with rated condensing unit and coil * Constant CFM and selectable heating temperature rise settings for adjustable airflow control * Convertible design from upflow to horizontal left or right without field conversion * Insulated blower compartment, slow-open gas valve, draft inducer motor, and blower motor for a quiet operation All models come with remote sense feature, integrated board for humidifier and electronic air cleaner hookups, molded permanent filter, grab-holes in doors, and compatibility with single or two-stage thermostat. A variety of cooling coils and plenums designed to use with Rheem Criterion II Plus 2 LXE gas furnaces are available as optional accessories. The Rheem Criterion II line of downflow gas furnaces is designed for installation in closets, alcoves, utility rooms, or attics. Certified by CSA, this model features a patented heat exchanger made from both stainless and aluminized steel for maximum corrosion resistance. Its low-profile design stands at 34 inches tall, making it lighter and easier to handle, while leaving room for optional equipment. The furnace also comes with left or right side gas and electric inlet connections that can be quickly changed. Direct Spark Ignition models are available, along with an integrated board featuring humidifier and electronic air cleaner hookups. An insulated blower compartment helps reduce jacket loss and noise, while a pre-paint galvanized steel cabinet provides durability. A molded permanent filter is also included, making it easy to remove and replace the doors. A variety of cooling coils and plenums are available as optional accessories for use with Rheem Criterion II gas furnaces. The Annual Fuel Utilization Efficiency (AFUE) rating for this model ranges from 78% to 97%, depending on the input rate. † **Rheem Criterion II Downflow Gas Furnace** This furnace meets Department of Energy test procedures for efficiency. It comes with standard equipment, including an induced draft system, pressure switch, and redundant main gas control. The furnace has a direct spark ignitor with remote sense, a molded permanent filter, and is equipped to handle both natural and L.P. (propane) gas. It also has flame sensor diagnostics, on-board twinning, and a fused transformer for safe operation. **Conversion Options** The furnace can be converted to use L.P. (propane) gas without changing burners, but factory-approved kits must be used. This conversion may be done by a qualified Rheem distributor or local service dealer. **Safety Information** This furnace is not approved for use in mobile homes. Before purchasing the appliance, important energy cost and efficiency information should be read from your retailer. **Specifications** The furnace has various model numbers, with different heating capacities (BTU/Hr) and high altitude input/output values. The blower compartment door safety switch ensures safe operation of the furnace. Max Outlet Air Temp. °F: [155-190] Most models have the same efficiency ratings: - AFUE (Annual Fuel Utilization Efficiency): 80-82% - California Seasonal Efficiency: 75.2-76.4% Note: All models are 115V, 60HZ, 1Ø and use 1/2" N.P.T gas connection size.