



SALES FACT SHEET

Comfort Control² System

Equipped with Comfort Control² System™

- Serial communication enabled
- Increased system reliability and efficiency
- 28 on-board diagnostic and operating codes
- Active Protection™ with homeowner "Call for Service" alert
- Dual 7-segment LED display



RGPE- SERIES

ECM Equipped Models with Input Rates from 50,000 to 125,000 BTU/HR
115 Volts, 60 Hz, Single Phase
[15 to 37 kW]

(U.S. & Canadian Models)

GENERAL TERMS OF LIMITED WARRANTY

Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

Gas Heat Exchanger Limited Warranty Limited Lifetime
Any Other Part Ten (10) Years

Communicating Furnace Thermostat



RHC-TST550CMMS



SUPER QUIET 80™ (A.F.U.E.†) TWO STAGE COMMUNICATING UPFLOW/HORIZONTAL GAS FURNACES EQUIPPED WITH THE COMFORT CONTROL² SYSTEM™

Features

- The *Comfort Control² System™* provides over 28 on-board diagnostics and fault history codes by detecting system and electrical problems. "Call for Service" alert notification is sent to the thermostat to alert the homeowner of required service.
- Serial Communication Enhanced – When installed with a Serial Communicating Condensing Unit and user interface control (RHC-TST550CMMS) 500 Series thermostat this unit offers 4 or 2 wire installation, auto-configuration, and diagnostic messaging with full communicating capability.
- Seven segment LED for system diagnostics.
- Diagnostic history for troubleshooting.
- Patented Heat Exchanger, constructed of both stainless and aluminized steel for the maximum in corrosion resistance.
- Low profile "34 inch" [864 mm] design is lighter and easier to handle, and leaves room for optional equipment.
- Energy efficient and quiet ECM 2+ motor.
- Improves cooling efficiency when matched with rated condensing unit and coil.
- Constant CFM.
- Dip switch settings for selectable cooling airflow.
- On-demand dehumidification terminal for improved comfort in cooling mode.
- Convertible from upflow to horizontal left or right.
- Left or right side gas and electric inlet connections.
- All models equipped with flame sensor feature, an integrated board with humidifier and electronic air cleaner hookups.
- Insulated blower compartment, a slow-open gas valve, a specially designed draft inducer motor and blower motor make it one of the quietest furnaces on the market today.
- Pre-paint galvanized steel cabinet.
- Molded permanent filter.
- Easy door removal and replacement.
- Compatible with single or two-stage thermostat. (For optimal performance, two-stage thermostat recommended.)

A variety of cooling coils and plenums designed to use with Rheem *Prestige Series™ Super Quiet 80™* Two Stage gas furnaces are available as optional accessories.

†A.F.U.E. (Annual Fuel Utilization Efficiency) calculated in accordance with Department of Energy test procedures.

MODEL	HIGH INPUT-BTU/HR [kW] ②	LOW INPUT-BTU/HR [kW]	HEATING SPEED CFM- HIGH FIRE [L/s]	HEATING SPEED CFM- LOW FIRE [L/s]	COOLING CFM @ .5" [.12 kPa] (Nominal) [L/s]	APPROX. SHIP. WT. (LBS.) [kg]	PRICE
RGPE-05*BMKR	50,000 [15]	35,000 [10]	850 [401]	625 [295]	1200 [566]	110 [50]	
RGPE-07*AMKR	75,000 [22]	52,500 [15]	1176 [555]	980 [462]	1200 [566]	115 [52]	
RGPE-07*BRQR	75,000 [22]	52,500 [15]	1305 [616]	1125 [533]	1600 [755]	115 [52]	
RGPE-10*BRMR	100,000 [29]	70,000 [20]	1600 [753]	1300 [615]	2000 [944]	120 [54]	
RGPE-12*ARMR	125,000 [37]	87,500 [25]	1832 [865]	1420 [670]	2000 [944]	140 [63]	

② See Conversion Kit Index Form for high altitude derate. *E=Standard, N=NOx Models

