



Available in Indoor and Outdoor Models

▶ 136,000 thru 1,826,000 BTU/Hr.

Rheem-Ruud hot water supply heaters are designed to provide hot water service to a variety of commercial applications when used in conjunction with an appropriately sized storage tank. These models are particularly suited for applications that require high inputs and large volumes of stored hot water.

Construction Features:

- Reliable heat exchanger Design – The all copper heat exchanger is a single bank, straight-through design with a floating return header immune to thermal shock.
- Energy saving pump **control** – The energy saving pump control is an electric device that allows the operator to set the desired time for the pump to run after the water heater shuts off. With the energy saving pump control the water heater pump is programmed to continue running for an optimum period of time in order to absorb the residual heat from the combustion chamber and use it in the system.
- Compact design –
 The low water heater mass design offers substantial savings in weight and cube over most cast iron, steel tube and storage-type water

heaters making it ideal

for rooftop installations

and in tight quarters.

- Minimal heat loss design

 Spark-to-pilot (IID)
 system is standard on all models.
- Glasslined cast iron headers –
 To handle aggressive water conditions. (Models GBBP/GBB136 feature bronze headers.)

Indoor and Outdoor Models

Pump Mounted Models Available

5 Year Limited Warranty





Certifications and Ratings:

- Efficiency These models have been tested according to ANSI test procedures, and meet or exceed the 80% thermal efficiency requirement of current ASHRAE standards (Part of the Federally mandated Energy Policy Act (EPact)). Also exceeds energy efficiency codes of all states.
- Safety and Construction These products are design certified by the CSA: a) As a Hot Water Supply Water Heater equipped with on/off controls for use in conjunction with a storage tank. b) For operation at 180°F. c) To meet all safety and construction requirements of ANSI Z21.10.3.c) For installation on combustible flooring when used with a combustible floor base, and, or e) for alcove installation. ASME construction is standard on all models. Certified for a 160 PSI Maximum Working Pressure.

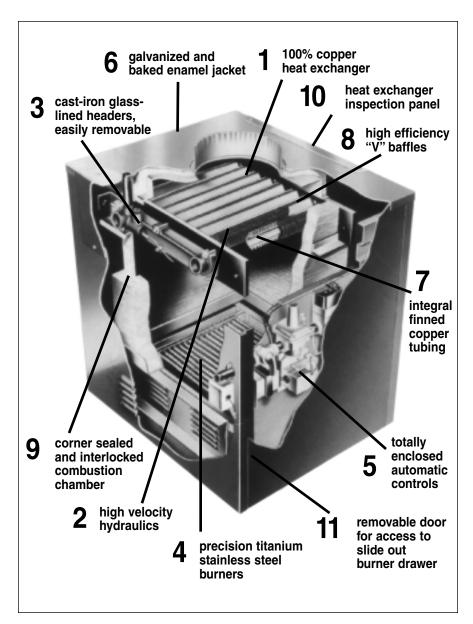
Three Important Reasons to Choose Hot Water Supply Heaters from Rheem-Ruud Commercial Water Heaters

Reliability

- Like all of our water heating products, Rheem-Ruud hot water supply heaters are crafted to exacting standards. Each detail of design, engineering and construction must meet our criteria for performance and durability.
- The heat exchanger (1), for example, is constructed of 100% copper. High Velocity hydraulics (2) virtually eliminates problems of scaling and corrosion within its waterways. The cast iron headers (3) are glass-lined to assure that the entire heat exchanger assembly is resistant to corrosion.
- Every Rheem-Ruud hot water supply heater features titanium stainless steel burners (4). They operate quietly, will not clog or corrode, and have far greater temperature resistance than cast iron. The controls (5) are factory adjusted and completely enclosed for reliable, automatic operation.
- The outer jacket (6) is galvanized and enamel baked for lasting aesthetics.

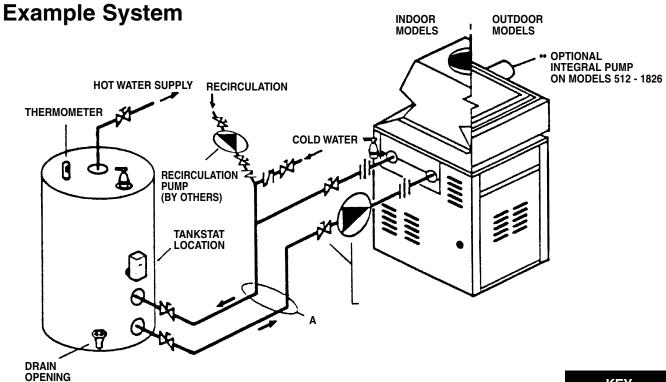
Efficiency

- Today's demands for volume hot water must be met economically, so we've attempted to use every fuel saving technique conceivable. The resulting 82% efficiency will save you money in fuel costs for years to come.
- The integral finned copper tubing
 (7) in the heat exchanger provides
 nine times more heat transfer area
 than smooth tubing. Efficiency is
 boosted even further by V-baffles (8),
 which redirect the heat across the
 finned tubing. The insulated combustion chamber (9) features corner
 sealed and interlocking refractory
 panels to minimize chamber radiation
 losses.
- Economy is further enhanced with a special energy saving pump control. This automatic control continues to pump operation until all usable heat has been absorbed from the combustion chamber and stored in the tank.
- Access to water heater for inspection is simple. All Rheem-Ruud hot water supply heaters feature a heat exchanger inspection panel (10) and a removable door to access the slide out burner drawer (11).



Flexibility

- You'll find that Rheem-Ruud hot water supply heaters are perfectly suited for many commercial, industrial and special application needs requiring economical, reliable supplies of hot water. The optional factory supplied pump is designed to handle nearly all water conditions
- Our standard sized water heaters nine models ranging from 136,000 to 825,000 BTU – are designed for hot water supply in commercial applications. Each model is available for indoor and outdoor installation. The outdoor models feature a special draft system which is wind, rain and debris-proof.
- Our large sized water heaters seven indoor and seven outdoor models ranging from 926,000 to 1,825,600 BTU meet the heavier demand of larger multi-family housing and commercial applications. They are ideal for use as summer replacement water heaters, eliminating the need to fire large central heating water heaters merely to supply domestic hot water.
- All of these Rheem-Ruud hot water supply heaters are compact and convenient; they save space, fuel and installation cost.



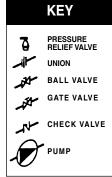
PUMP AND BALL VALVE LOCATION ON MODELS 136 THRU 399
OPTIONAL ON MODELS

512 THRU 1826 WITHOUT INTEGRAL PUMP

- 1. PLUMB SWING CHECK VALVE IN GRAVITY CLOSED POSITION.
 2. MINIMUM PIPE EQUAL TO WATER HEATER INLET/OUTLET
 CONNECTION SIZE BETWEEN WATER HEATER AND TANK(S)
 3. PIPE ALL RELIEF VALVES TO DRAIN, OR AS LOCAL CODES
 REQUIRE

| MINIMUM | II PIPE SIZE |
|---------------|----------------|
| Model Size | Dimension A |
| 136 | 1-1/4" |
| 186-399 | 1-1/2" |
| 512-825 | 2" |
| 926-1826 | 2-1/2" |

WATER HEATER SHOWN REPRESENTS VARIOUS MODELS. BECAUSE MOD-ELS WILL VARY IN DRAFT HOOD DESIGN AND SIZE. SEE SPECIFIC WATER HEATER INFORMATION FOR DETAILS.



Guaranteed 80% draw without temperature drop, using Rheem-Ruud water heaters, tanks, sizing tables and hook-up data.

| JACKET I | NSULATE | D STORAC | GE TANKS B | Y RHEEM-R | UUD (All dimensio | ns shown in inches | | |
|-----------------|---------------------|-------------------|------------|--------------------------|------------------------------------|----------------------------|------------------------------------|--------------------------|
| Model | Capacity Gallons | Overall Height | Diameter | Connection Hot Outlet | Connections Circulating Line | Relief Valve Connection | Approx. Si Weight (Standard | hipping Lbs.) ASME |
| ST80(A) | 80 | 58-5/16 | 24-7/16 | 2 | 2 | 1 | 220 | 260 |
| ST120(A) | 115 | 59-1/4 | 28-1/4 | 2 | 2 | 1 | 260 | 340 |
| ST175(A) | 175 | 67-1/4 | 32-1/4 | 2-1/2 | 2-1/2 | 1 | 600 | 600 |
| ST200A | 200 | 77-1/4 | 32 | 2 | 2-1/2 | 1 | N/A | 500 |
| ST260A | 257 | 95-1/2 | 34 | 2 | 3 | 1-1/4 | N/A | 1108 |
| ST320A | 318 | 84-1/2 | 40 | 2 | 3 | 1-1/4 | N/A | 1290 |
| ST430A | 432 | 84-1/2 | 46 | 2 | 3 | 1-1/4 | N/A | 1626 |
| ST500A | 504 | 94-1/2 | 46 | 2 | 3 | 1-1/4 | N/A | 1765 |
| ST750A | 752 | 107-1/2 | 54 | 2 | 3 | 1-1/4 | N/A | 2330 |
| ST950A | 940 | 131-1/2 | 54 | 2 | 3 | 1-1/4 | N/A | 3010 |

These storage tanks meet standby loss requirements of ASHRAE 90.1b-1992.

(A) ASME code constructed tanks available as an option.

Consult specification sheet for complete details.

| SPI | ECIFIC <i>i</i> | ATIONS | AND | DII | /IENS | IONS | | | | | | | | | | | | | |
|--------------------|----------------------|--------------|-------------|--------------|--------|-----------------|----------|-----------------|------------|------------------------|-----------------------|-------------------|--------|-------------------|------|-------|----|----------|-----------|
| | MODEL NU | JMBER | STY | LE | MBTUH | NATURA | L GAS () | (1000) | | | DIM | ENSION | S (INC | HES) | | | | SHIPPING | WEIGHT†† |
| Ref. to Dwg. | With- out Pump | With Pump | In- door | Out- door | | loor) Output | , | door) Output | Width A | Height Overall B | Jacket Height C | Gas Conn. G | J | Flue Dia. K | L | М | N | (Indoor) | (Outdoor) |
| 1 | GBB136* | GBBP136* | • | • | 136.0 | 112.0 | 136.0 | 112.0 | 24% | 45.0 | 30% | 1/2 | - | 6 | 91/4 | 101/4 | 3½ | 195 | 195 |
| | GBC186** | GBCP186** | • | • | 181.0 | 148.0 | 181.0 | 148.0 | 181/4 | 40.0 | 38 | 3/4 | 121/16 | 6 | 1 | - | - | 191 | 200 |
| 2 | GBC264** | GBCP264** | • | • | 264.0 | 216.0 | 264.0 | 216.0 | 22% | 40.0 | 38 | 3/4 | 11% | 7 | - | ı | _ | 214 | 220 |
| _ | GBC331** | GBCP331** | • | • | 334.0 | 274.0 | 334.0 | 274.0 | 25¾ | 40.0 | 38 | 3/4 | 10¾ | 8 | - | ı | ı | 234 | 240 |
| | GBC399** | GBCP399** | • | • | 399.0 | 327.0 | 399.0 | 327.0 | 29¼ | 40.0 | 38 | 3/4 | 12½ | 9 | - | - | - | 253 | 260 |
| | GBC512 | GBCP512 | • | • | 511.5 | 419.4 | 511.5 | 419.4 | 32¾ | 57.0 | 33 | 1 | - | 10 | 25% | - | - | 510 | 535 |
| 3 | GBC627 | GBCP627 | • | • | 627.0 | 514.1 | 627.0 | 514.1 | 37½ | 57.0 | 33 | 1 | - | 12 | 29½ | - | - | 520 | 545 |
| ٦ | GBC726 | GBCP726 | • | • | 726.0 | 595.4 | 726.0 | 595.4 | 41% | 57.0 | 33 | 1 | - | 12 | 34¼ | - | - | 630 | 685 |
| | GBC825 | GBCP825 | • | • | 825.0 | 676.5 | 825.0 | 676.5 | 45% | 57.0 | 33 | 1 | - | 14 | 38½ | - | - | 660 | 720 |
| | GBC926 | GBCP926 | - | • | - | ı | 926.0 | 759.3 | 52% | - | - | 1 | - | - | - | 1 | - | ı | 790 |
| | GBC962 | GBCP962 | • | - | 961.7 | 788.6 | - | - | 52% | 68¾ | 33½ | 1 | 18 | 14 | 28 | ı | _ | 760 | - |
| | GBC1083 | GBCP1083 | - | • | _ | ı | 1083.0 | 888.1 | 591/4 | _ | - | 1 | - | - | - | ı | _ | i | 850 |
| | GBC1125 | GBCP1125 | • | - | 1124.7 | 922.2 | - | _ | 591/4 | 74½ | 33½ | 1 | 25% | 16 | 32 | - | - | 800 | - |
| | GBC1178 | GBCP1178 | - | • | _ | 1 | 1178.0 | 966.0 | 63% | - | _ | 1 | - | - | 1 | - | - | - | 910 |
| | GBC1223 | GBCP1223 | • | - | 1222.5 | 1002.4 | - | - | 63% | 74½ | 33½ | 1 | 23% | 16 | 32 | ı | _ | 860 | - |
| 4 | GBC1287 | GBCP1287 | - | • | - | - | 1287.0 | 1055.3 | 68% | - | - | 1¼ | - | - | 1 | - | - | - | 975 |
| - | GBC1337 | GBCP1337 | • | - | 1336.6 | 1096.0 | - | _ | 68% | 76½ | 33½ | 1¼ | 23% | 18 | 36 | - | - | 930 | - |
| | GBC1413 | GBCP1413 | - | • | - | - | 1413.0 | 1158.7 | 74% | - | - | 1¼ | - | - | | - | - | - | 1065 |
| | GBC1467 | GBCP1467 | • | - | 1467.0 | 1202.9 | - | - | 74% | 76½ | 33½ | 1¼ | 23% | 18 | 36 | - | _ | 1000 | - |
| | GBC1570 | GBCP1570 | - | • | - | - | 1570.0 | 1287.4 | 81% | - | - | 1¼ | - | - | _ | - | _ | - | 1120 |
| | GBC1630 | GBCP1630 | • | - | 1630.0 | 1336.5 | - | _ | 81% | 79½ | 36½ | 1¼ | 23% | 18 | 36 | - | - | 1040 | - |
| | GBC1758 | GBCP1758 | - | • | - | _ | 1758.0 | 1441.6 | 89% | - | _ | 1¼ | - | - | - | - | - | - | 1150 |
| | GBC1826 | GBCP1826 | • | - | 1825.6 | 1496.9 | _ | - | 89% | 81½ | 36½ | 1¼ | 23% | 20 | 40 | - | - | 1090 | - |

^{*} Equipped with bronze headers, all other models have glasslined cast iron headers. GBC - cast iron headers. GBB - bronze headers.

^{††} Subtract 55 lbs. when ordering GBC models.

** Low NOx models add "N" after model number. Outdoor models add "-O" after model number. Indicate Natural or LP when ordering.

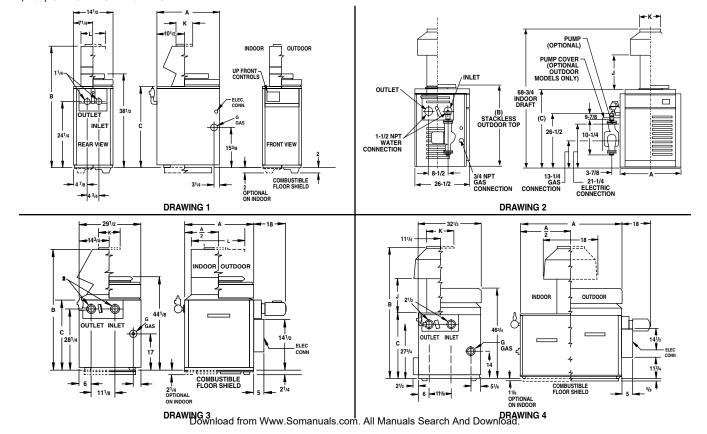
| ı | IBTUH PROPANE GAS† |
|---------------|----------------------|
| Model Size | Multiplier |
| 136-399 | Same as natural gas |
| 512-825 | .94 |
| 926-1826 | .92 Indoor |
| | .955 Outdoor (input) |
| | .92 Outdoor (output) |

| MIN. CI | EARAN | ICES TO | СОМВИ | STIBLE S | SURF. |
|----------|-------|---------|-------|----------|----------|
| Model | | Left | Right | To | р |
| Size | Rear | Side | Side | Indoor | Outdoor |
| 136 | 12" | 12" | 6" | 42" | Unobstr. |
| 186-399 | 12" | 12" | 12" | 39" | Unobstr. |
| 512-825 | 12" | 18" | 6" | 36" | Unobstr. |
| 926-1826 | 24" | 24" | 24" | 24" | Unobstr. |
| | | 0.411 | | | .1 |

| | ELECTRICAL RATINGS |
|---------------|-------------------------------|
| Model Size | With Pump |
| 136-399 | 3.7 amps @ 120V (1/8 hp pump) |
| 331-399 | 3.6 amps @ 120V (1/6 hp pump) |
| 512-1826 | 7.2 amps @ 120V (1/2 hp pump) |

† Multiplier x Nat. MBTUH = Pro. MBTUH

For servicing provide 24" minimum unobstructed clearance in front of unit.



| RECOV | ERY CAPA | CITIES | | | | | | | | | | | | | |
|--------------|----------|--------|---------|---------------|------|------|-------|--------|---------|-------|---------|-------|---------|------|------|
| MODEL N | IUMBER | STY | 'LE | INPUT BTU/Hr. | | TEN | IPERA | TURE R | ISE – D | EGREE | S F – G | ALLON | S PER I | HOUR | |
| wo/Pump | w/Pump | Indoor | Outdoor | NATURAL | 40° | 50° | 60° | 70° | 80° | 90° | 100° | 110° | 120° | 130° | 140° |
| GBB136 | GBBP136 | * | * | 136,000 | 330 | 264 | 220 | 188 | 165 | 147 | 132 | 120 | 110 | 101 | 94 |
| GBC186 | GBCP186 | * | * | 181,000 | 440 | 352 | 293 | 251 | 220 | 195 | 176 | 160 | 147 | 135 | 126 |
| GBC264 | GBCP264 | * | * | 264,000 | 640 | 512 | 427 | 366 | 320 | 284 | 256 | 233 | 213 | 197 | 183 |
| GBC331 | GBCP331 | * | * | 334,000 | 811 | 649 | 541 | 463 | 406 | 360 | 324 | 295 | 270 | 250 | 232 |
| GBC399 | GBCP399 | * | * | 399,000 | 967 | 774 | 645 | 553 | 484 | 430 | 387 | 352 | 322 | 298 | 276 |
| GBC512 | GBCP512 | * | * | 511,500 | 1240 | 992 | 827 | 709 | 620 | 551 | 496 | 451 | 413 | 382 | 354 |
| GBC627 | GBCP627 | * | * | 627,000 | 1520 | 1216 | 1013 | 869 | 760 | 676 | 608 | 553 | 507 | 468 | 434 |
| GBC726 | GBCP726 | * | * | 726,000 | 1760 | 1408 | 1173 | 1006 | 880 | 782 | 704 | 640 | 587 | 542 | 503 |
| GBC825 | GBCP825 | * | * | 825,000 | 2000 | 1600 | 1333 | 1143 | 1000 | 889 | 800 | 727 | 667 | 615 | 571 |
| GBC926 | GBCP926 | | * | 926,000 | 2245 | 1796 | 1497 | 1283 | 1122 | 998 | 898 | 816 | 748 | 691 | 641 |
| GBC962 | GBCP962 | * | | 961,700 | 2331 | 1865 | 1554 | 1332 | 1166 | 1036 | 933 | 848 | 777 | 717 | 665 |
| GBC1083 | GBCP1083 | | * | 1,083,000 | 2625 | 2100 | 1750 | 1500 | 1313 | 1167 | 1050 | 955 | 875 | 808 | 750 |
| GBC1125 | GBCP1125 | * | | 1,124,700 | 2727 | 2181 | 1818 | 1558 | 1363 | 1212 | 1091 | 991 | 909 | 839 | 779 |
| GBC1178 | GBCP1178 | | * | 1,178,000 | 2856 | 2285 | 1904 | 1632 | 1428 | 1269 | 1142 | 1038 | 952 | 879 | 816 |
| GBC1223 | GBCP1223 | * | | 1,222,500 | 2964 | 2371 | 1976 | 1694 | 1482 | 1317 | 1185 | 1078 | 988 | 912 | 847 |
| GBC1287 | GBCP1287 | | * | 1,287,000 | 3120 | 2496 | 2080 | 1783 | 1560 | 1387 | 1248 | 1135 | 1040 | 960 | 891 |
| GBC1337 | GBCP1337 | * | | 1,336,600 | 3240 | 2592 | 2160 | 1852 | 1620 | 1440 | 1296 | 1178 | 1080 | 997 | 926 |
| GBC1413 | GBCP1413 | | * | 1,413,000 | 3425 | 2740 | 2284 | 1957 | 1713 | 1522 | 1370 | 1246 | 1142 | 1054 | 979 |
| GBC1467 | GBCP1467 | * | | 1,467,000 | 3556 | 2845 | 2371 | 2032 | 1778 | 1581 | 1423 | 1293 | 1185 | 1094 | 1016 |
| GBC1570 | GBCP1570 | | * | 1,570,000 | 3806 | 3045 | 2537 | 2175 | 1903 | 1692 | 1522 | 1384 | 1269 | 1171 | 1087 |
| GBC1630 | GBCP1630 | * | | 1,630,000 | 3952 | 3161 | 2634 | 2258 | 1976 | 1756 | 1581 | 1437 | 1317 | 1216 | 1129 |
| GBC1758 | GBCP1758 | | * | 1,758,000 | 4262 | 3409 | 2841 | 2435 | 2131 | 1894 | 1705 | 1550 | 1421 | 1311 | 1218 |
| GBC1826 | GBCP1826 | * | | 1,825,600 | 4426 | 3541 | 2950 | 2529 | 2213 | 1967 | 1770 | 1609 | 1475 | 1362 | 1264 |

| GENER | AL FLOW A | ND F | PIPIN | G SPI | CIFIC | CATIO | NS | | | | | | | | | |
|--------|-----------|------|--------|---------|----------|-------|----|----------|---------|----------|------|----|--------|--------|---------|------|
| | | | | | | | | Water | Hardne | ess | | | | | | |
| MOI | DELS | | | SOFT | i | | | I | MEDIUN | 1 | | | | HARD | | |
| | | | 0-4 Gr | ains Pe | r Gallor | 1 | | 5-15 Gra | ains Pe | r Gallon | | 16 | & Over | Grains | Per Gal | lon |
| Indoor | Outdoor | ΔT | GPM | ΔP | MPS | SHL | ΔT | GPM | ΔP | MPS | SHL | ΔT | GPM | △P | MPS | SHL |
| 136 | 136 | 22 | 10 | 3.4 | 1-1/4 | 5.09 | 17 | 13 | 5.5 | 1-1/4 | 8.2 | 10 | 22 | 14.7 | 1-1/4 | 22 |
| 186 | 186 | 15 | 20 | 1.82 | 1-1/2 | 4.48 | 11 | 26 | 3 | 1-1/2 | 7.5 | 7 | 40 | 6.8 | 1-1/2 | 17 |
| 264 | 264 | 21 | 20 | 1.85 | 1-1/2 | 4.51 | 16 | 26 | 3.1 | 1-1/2 | 7.6 | 10 | 42 | 8.3 | 1-1/2 | 18.8 |
| 331 | 331 | 27 | 20 | 1.9 | 1-1/2 | 4.56 | 20 | 26 | 3.2 | 1-1/2 | 7.7 | 13 | 42 | 8.5 | 1-1/2 | 19 |
| 399 | 399 | 30 | 22 | 2.1 | 1-1/2 | 5.08 | 25 | 26 | 3.3 | 1-1/2 | 7.8 | 15 | 43 | 9 | 1-1/2 | 19.5 |
| 512 | 512 | 20 | 42 | 1.8 | 2 | 4.4 | 16 | 52 | 2.9 | 2 | 7 | 10 | 84 | 6.8 | 2 | 16.6 |
| 627 | 627 | 25 | 41 | 1.9 | 2 | 4.5 | 19 | 54 | 3.1 | 2 | 7.2 | 11 | 90 | 8.5 | 2 | 20.4 |
| 726 | 726 | 29 | 41 | 2 | 2 | 4.6 | 20 | 60 | 4 | 2 | 9.3 | 13 | 90 | 9 | 2 | 20.8 |
| 825 | 825 | 30 | 45 | 2.5 | 2 | 5.7 | 20 | 68 | 5.2 | 2 | 11.7 | 15 | 90 | 9.3 | 2 | 21.1 |
| 962 | 926 | 30 | 53 | 3.5 | 2-1/2 | 4.9 | 20 | 79 | 7.5 | 2-1/2 | 10.5 | 17 | 90 | 10.1 | 2-1/2 | 14.3 |
| 1125 | 1083 | 30 | 61 | 5.5 | 2-1/2 | 7.5 | 20 | 90 | 11.8 | 2-1/2 | 16 | 20 | 90 | 11.8 | 2-1/2 | 16 |
| 1223 | 1178 | 30 | 67 | 6.5 | 2-1/2 | 8.8 | 22 | 90 | 12 | 2-1/2 | 16.2 | 22 | 90 | 12 | 2-1/2 | 16.2 |
| 1337 | 1287 | 30 | 73 | 8.4 | 2-1/2 | 11 | 24 | 90 | 13.3 | 2-1/2 | 17.5 | 24 | 90 | 13.3 | 2-1/2 | 17.5 |
| 1467 | 1413 | 30 | 80 | 10.8 | 2-1/2 | 14.1 | 26 | 90 | 13.8 | 2-1/2 | 18 | 26 | 90 | 13.8 | 2-1/2 | 18 |
| 1630 | 1570 | 30 | 89 | 13.7 | 2-1/2 | 17.6 | 29 | 90 | 14.8 | 2-1/2 | 19 | 29 | 90 | 14.8 | 2-1/2 | 19 |
| 1826 | 1758 | 32 | 90 | 15.5 | 2-1/2 | 19.7 | 32 | 90 | 15.5 | 2-1/2 | 19.7 | 32 | 90 | 15.5 | 2-1/2 | 19.7 |

NOTE: Additional pipe fittings will increase the system head loss. Select a pump based on the water hardness, flow and system head loss. If water heater is more than two stories above the tank, consult the pump manufacturer.

△T - Temperature Rise, Degree F @ GPM Flow

GPM - Gallons per Minute Flow

 $\triangle \mathbf{P}$ Pressure Drop, Ft. thru Heat Exchanger

MPS -Minimum Pipe Size, NPT SHL - System Head Loss

Sizing based on water heater and tank being placed 5 feet apart. The equivalent length of pipe valves and fittings in the system is as follows.

1-1/4" NPT = 65 Ft (136) 1-1/2" NPT = 70 Ft (186-399) 2" NPT = 75 Ft (512-825)

2-1/2" NPT = 80 Ft (926-1826)

Gas Hot Water Supply Heaters

Standard Equipment:

Heat Exchanger

- Finned Copper Tubes
- ASME Steel Tubesheet
- Silicon O-Rings
- 125 PSIG ASME Pressure Relief Valve
- Glasslined Cast Iron Headers

Controls

- Energy Saving Pump Control
- Flow Switch
- Spark-to-Pilot Ignition System
- High Limit Control
- On/Off Switch
- Flue Gas Spillage Sensor
- Flame Roll-Out Sensor

Gas Control Train

- Manual Gas Shut-Off Cock
- Main Gas Pressure Regulator
- Safety Shut-Off Valve, Ředundant
- Control Valve

Construction

- Vent Terminal
- Front Controls Enclosed
- Stainless Steel Burners
- Polytuf Powder Coat Finish

| | <i>,</i> , | | |
|----|------------|----------|----------|
| V۸ | /nan | orderina | CHACITY |
| v | | UIUEIIIU | SUCCIIV. |

| □ wo/Pump (GBC) | or | □ w/Pump (GBCP |
|-----------------|----|----------------|
| □ Natural Gae | or | |

| • | | • • | _ | |
|---|--------|---------|---|--------|
|] | Indoor | or | | Outdoo |

| Recommended Spe |
|------------------------|
|------------------------|

| Hot Water Supply Heater(s) shall be model | , manufactured by RHEEM-RUUD, |
|--|---|
| having gas input of Btu/hr. and recovery | y rate of GPH at a 100°F tempera- |
| ture rise when tested and certified at | thermal efficiency. Water heaters(s) shall have the |
| CSA seal of certification and supplied with a factory | installed 125 PSIG ASME pressure relief valve. |
| Water heater(s) shall meet or exceed the thermal eff | |
| shall be ASME inspected and stamped for 160 PSI v | vorking pressure complete with manufacturer's data |
| report. Water tube heat exchanger shall be construct | |
| spaced at seven fins per inch. Tube sheets shall be A | ASME fire box steel. Headers shall be of glasslined |
| cast iron and joined to the copper tubes and tube sh | |
| tive seal between the copper tubes and the headers | |
| secured to the tube sheets by properly spaced bolts | |
| cleanable from either the right or left sides (or rear) of | |
| the right side, cleanable without removing external p | |
| water side. Waterways to be 100% copper and glass | |
| water heater by positively sealing off water contact b | |
| switch, and energy saving pump control are to be fac- | ctory supplied and units over 400,000 Btu/Hr. must |
| have electronic intermittent pilot ignition. | |

Water heater to be equipped with remote bulb electric high limit control adjustable to 200°F. Main electric gas valve to be 24 volt with 110/24 volt transformer. Gas pressure regulator to be factory set at 4" W.C. Flame supervision shall be either 60 second thermopilot or 1-4 second electronic shut down.

Burners to be raised port and die formed from stainless steel alloy, mounted on a removable drawer, capable of guiet ignition and extinction, and equipped with fixed primary air ports.

Models above 330,000 Btu/Hr. shall be CSA design certified for a minimum efficiency of 82% on indoor and outdoor models.

Limited Warranty

All GB models feature a five year limited warranty on the copper heat exchanger and glasslined cast iron header. Please refer to Commercial Warranty Information brochure for complete limited warranty information.



In keeping with its policy of continuous progress and product improvement, Rheem-Ruud reserves the right to make changes without notice.

Rheem Water Heating • 101 Bell Road, Montgomery, Alabama 36117-4305 • www.rheem.com

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