



The new degree of comfort.™



Water

Residential Gas  
Professional Classic  
Atmospheric Water Heaters

## Professional Classic™ Atmospheric gas water heaters are engineered for more hot water at a low operating cost

### Efficiency

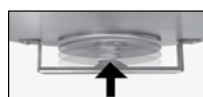
- .58 - .62 EF
- More hot water at a low operating cost

### Performance

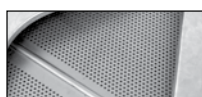
- FHR: 50 to 90 gallons for natural gas
- Recovery: 30.3 to 50.5 gallons at a 90 degree rise, based on model

### Guardian System™ & Sensor

- Exclusive air/fuel shut-off device
- Maintenance free – no filter to clean



Combustion Shut-off System



Flame Arrestor Plate



Maintenance Free

### Low Emissions

- Eco-friendly burner, low NOx design
- Meets 40 ng/J NOx requirements

### Longer Life

- Rheem exclusive R-Tech (resistored) anode rod provides long-lasting tank protection

### High Altitude Compliant

- All models certified up to 6,000 ft. above sea level
- Some models certified up to 10,200 ft. above sea level, check factory for listings

### Plus...

- Easy to light – no matches required
- EverKleen™ patented system fights sediment build-up
- Enhanced flow brass drain valve
- Temperature and pressure relief valve included
- Low lead compliant
- Standard replacement parts

### Warranty

- 6-Year limited tank and parts warranty\*
- With ProtectionPlus™ the 6-year limited tank warranty becomes 10-year

\*See Residential Warranty Certificate for complete information

Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.



## Professional Classic Atmospheric

29, 30, 38, 40 and  
50-Gallon Capacities  
Up to 50,000 Btu/h  
Natural and LP Gas



† LEED Point = 1

See dimensions chart on back.



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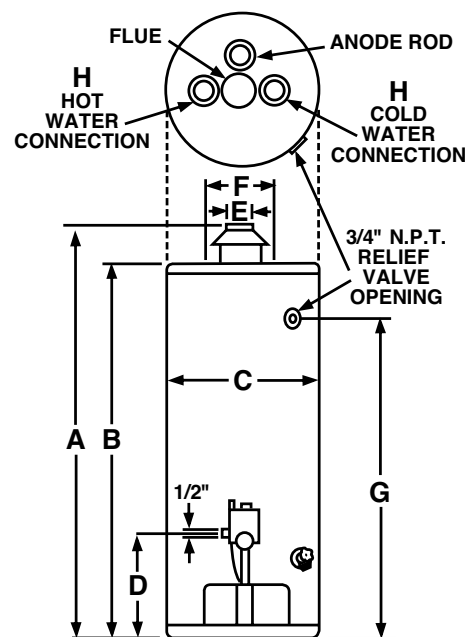
## Professional Classic™ Atmospheric Specifications

| DESCRIPTION      |              |                    | FEATURES                     |    |                                |      | ROUGHING IN DIMENSIONS (SHOWN IN INCHES) |                     |                  |            |                          |                   |                              |                               |                             |                       | ENERGY INFO.     |      |
|------------------|--------------|--------------------|------------------------------|----|--------------------------------|------|------------------------------------------|---------------------|------------------|------------|--------------------------|-------------------|------------------------------|-------------------------------|-----------------------------|-----------------------|------------------|------|
| T<br>Y<br>P<br>E | GAL.<br>CAP. | MODEL<br>NUMBER    | GAS INPUT IN<br>THOUS. BTU/H |    | RECOVERY IN<br>G.P.H. 90° RISE |      | FIRST HOUR<br>DEL. G.P.H.                | HT. TO<br>VENT<br>A | TANK<br>HT.<br>B | DIAM.<br>C | HT. TO GAS<br>CONN.<br>D | VENT<br>SIZE<br>E | WATER<br>CONN.<br>CNTR.<br>F | HT. TO SIDE T&P<br>VALVE<br>G | WATER<br>CONN.<br>SIZE<br>H | SHIP.<br>WT.<br>(LBS) | ENERGY<br>FACTOR |      |
|                  |              |                    | NAT.                         | LP | NAT.                           | LP   | NAT.                                     |                     |                  |            |                          |                   |                              |                               |                             |                       | NAT.             | LP   |
| Tall             | 29           | PROG29-32N RH62    | 32                           |    | 32.3                           |      | 50                                       | 59-3/4              | 56-3/8           | 16-1/8     | 14-1/2                   | 3                 | 8                            | 50-3/4                        | 3/4                         | 100                   | 0.62             |      |
| Tall             | 29           | PROG29-30P RH62    |                              | 30 |                                | 30.3 |                                          | 59-3/4              | 56-3/8           | 16-1/8     | 14-1/2                   | 3                 | 8                            | 50-3/4                        | 3/4                         | 100                   |                  | 0.62 |
| Tall             | 40           | PROG40-36N RH59    | 36                           |    | 36.4                           |      | 67                                       | 61-1/2              | 58               | 17-3/4     | 14-1/2                   | 3 or 4            | 8                            | 53                            | 3/4                         | 120                   | 0.59             |      |
| Tall             | 40           | PROG40-38N RH59    | 38                           |    | 38.4                           |      | 73                                       | 61-3/4              | 58-3/8           | 18-1/8     | 14-1/2                   | 3 or 4            | 8                            | 52-1/4                        | 3/4                         | 120                   | 0.59             |      |
| Tall             | 40           | PROG40-32P RH59    |                              | 32 |                                | 32.3 |                                          | 61-3/4              | 58-3/8           | 18-1/8     | 14-1/2                   | 3 or 4            | 8                            | 52-1/4                        | 3/4                         | 120                   |                  | 0.59 |
| Tall             | 38           | PROG38-40N RH60    | 40                           |    | 40.4                           |      | 68                                       | 61-1/2              | 57-3/4           | 19-3/4     | 14-1/2                   | 3 or 4            | 8                            | 52-1/4                        | 3/4                         | 125                   | 0.60             |      |
| Tall             | 38           | PROG38-34P RH60    |                              | 34 |                                | 34.3 |                                          | 61-1/2              | 57-3/4           | 19-3/4     | 14-1/2                   | 3 or 4            | 8                            | 52-1/4                        | 3/4                         | 125                   |                  | 0.60 |
| Tall             | 40           | PROG40-40N RH62†   | 40                           |    | 40.4                           |      | 68                                       | 63-1/4              | 59-3/4           | 21         | 14-1/2                   | 3 or 4            | 8                            | 53-1/2                        | 3/4                         | 135                   | 0.62             |      |
| Tall             | 40           | PROG40-34P RH60    |                              | 34 |                                | 34.3 |                                          | 63-1/4              | 59-3/4           | 21         | 14-1/2                   | 3 or 4            | 8                            | 53-1/2                        | 3/4                         | 135                   |                  | 0.60 |
| Tall             | 50           | PROG50-40N RH62†   | 40                           |    | 40.4                           |      | 83                                       | 62-1/4              | 58-3/4           | 23         | 14-1/2                   | 3 or 4            | 8                            | 52-1/2                        | 3/4                         | 165                   | 0.62             |      |
| Tall             | 50           | PROG50-36P RH62†   |                              | 36 |                                | 36.4 |                                          | 62-1/4              | 58-3/4           | 23         | 14-1/2                   | 3 or 4            | 8                            | 52-1/2                        | 3/4                         | 165                   |                  | 0.62 |
| Tall             | 50           | PROG50-38N RH58    | 38                           |    | 38.4                           |      | 90                                       | 61-1/2              | 58-1/4           | 20-1/8     | 14-1/2                   | 3 or 4            | 8                            | 51-3/8                        | 3/4                         | 130                   | 0.58             |      |
| Tall             | 50           | PROG50-36P RH58    |                              | 36 |                                | 36.4 |                                          | 61-1/2              | 58-1/4           | 20-1/8     | 14-1/2                   | 3 or 4            | 8                            | 51-3/8                        | 3/4                         | 130                   |                  | 0.58 |
| Tall             | 50           | PROG50-40N RH58    | 40                           |    | 40.4                           |      | 82                                       | 61-1/2              | 58               | 21-3/4     | 14-1/2                   | 3 or 4            | 8                            | 52-1/2                        | 3/4                         | 150                   | 0.58             |      |
| Tall             | 50           | PROG50-36P RH58 V2 |                              | 36 |                                | 36.4 |                                          | 61-1/2              | 58               | 21-3/4     | 14-1/2                   | 3 or 4            | 8                            | 52-1/2                        | 3/4                         | 150                   |                  | 0.58 |
| Tall             | 50           | PROG50-50N RH58    | 50                           |    | 50.5                           |      | 81                                       | 62                  | 58               | 21-3/4     | 14-1/2                   | 3 or 4            | 8                            | 52-1/2                        | 3/4                         | 150                   | 0.58             |      |
| Short            | 30           | PROG30S-30N RH61   | 30                           |    | 30.3                           |      | 50                                       | 49-3/4              | 46-1/4           | 19-3/4     | 14-1/2                   | 3                 | 8                            | 40-1/4                        | 3/4                         | 98                    | 0.61             |      |
| Short            | 40           | PROG40S-40N RH62†  | 40                           |    | 40.4                           |      | 72                                       | 53-7/8              | 50-1/2           | 23         | 14-1/2                   | 3                 | 8                            | 44                            | 3/4                         | 135                   | 0.62             |      |
| Short            | 40           | PROG40S-36P RH62†  |                              | 36 |                                | 36.4 |                                          | 53-7/8              | 50-1/2           | 23         | 14-1/2                   | 3                 | 8                            | 44                            | 3/4                         | 135                   |                  | 0.62 |
| Short            | 40           | PROG40S-36N RH59   | 36                           |    | 36.4                           |      | 72                                       | 52-3/4              | 49-3/8           | 20-1/8     | 14-1/2                   | 3                 | 8                            | 42-3/4                        | 3/4                         | 130                   | 0.59             |      |
| Short            | 40           | PROG40S-34P RH59   |                              | 34 |                                | 34.3 |                                          | 52-3/4              | 49-3/8           | 20-1/8     | 14-1/2                   | 3                 | 8                            | 42-3/4                        | 3/4                         | 130                   |                  | 0.59 |
| Short            | 40           | PROG40S-40N RH59   | 40                           |    | 40.4                           |      | 72                                       | 53-7/8              | 50-1/2           | 20-1/8     | 14-1/2                   | 3 or 4            | 8                            | 44                            | 3/4                         | 130                   | 0.59             |      |
| Short            | 40           | PROG40S-36P RH59   |                              | 36 |                                | 36.4 |                                          | 53-7/8              | 50-1/2           | 20-1/8     | 14-1/2                   | 3 or 4            | 8                            | 44                            | 3/4                         | 130                   |                  | 0.59 |
| Short            | 50           | PROG50S-40N RH59   | 40                           |    | 40.4                           |      | 84                                       | 54-1/4              | 49-3/4           | 22-1/4     | 14-1/2                   | 3                 | 8                            | 44                            | 3/4                         | 158                   | 0.59             |      |
| Short            | 50           | PROG50S-36P RH59   |                              | 36 |                                | 36.4 |                                          | 54-1/4              | 49-3/4           | 22-1/4     | 14-1/2                   | 3                 | 8                            | 44                            | 3/4                         | 158                   |                  | 0.59 |

Energy Factor based on D.O.E. (Department of Energy) test procedures.



†LEED Point = 1



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

Rheem Water Heating • 101 Bell Road  
Montgomery, Alabama 36117-4305 • [www.rheem.com](http://www.rheem.com)



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