



The new degree of comfort.®



Residential Electric  
Builder Class  
Hybrid Water Heaters

# Rheem® Builder Class Residential Hybrid Electric Water Heater

*Designed for Builders to Maximize Energy Design Rating / HERS Rating*

## Product Highlights

- 3.50 - 3.70 UEF
- Meets NEEA Tier 3 Requirements
- 10 Year Limited Tank & Parts Warranty<sup>1</sup>
- Grid-Enabled for Utility-Level Performance Monitoring
- Quiet Operation
- Low Lead Compliant

QUALIFIES  
FOR NATIONAL  
UTILITY  
REBATES<sup>3</sup>



| FEATURES & BENEFITS                |   |
|------------------------------------|---|
| High Efficiency                    | Meets ENERGY STAR® requirements   |
|                                    | Increased property value for consumers  |
| Easy Installation                  | Easily Ducted – for installation in smaller spaces with minimal make up air required  |
|                                    | Easy access to side water connection and top electrical junction box; <i>Zero to minimal clearance required in the back or side of the unit</i> |
|                                    | ¾" NPT water inlet & outlet; ¾" condensate drain connections  |
|                                    | Dry fire protection   |
| Available EcoNet® Smart Technology | WiFi connected for mobile access <sup>2</sup>   |
|                                    | Energy usage reporting  |
|                                    | Grid interactive for utility demand response / load management programs   |



T&P Installed

**Hybrid Electric  
Builder Class**  
50, 65 and 80-Gallon Capacities  
208-240 Volt / 1 PH / 24 Amps



LEED Points = 3

| DESCRIPTION             |                       |                  |               |                       | ENERGY INFO.                |                              | FEATURES         |                   |                             |                               | TANK DIMENSIONS |         |                                 |                         |                 |                         |
|-------------------------|-----------------------|------------------|---------------|-----------------------|-----------------------------|------------------------------|------------------|-------------------|-----------------------------|-------------------------------|-----------------|---------|---------------------------------|-------------------------|-----------------|-------------------------|
| NOMINAL GALLON CAPACITY | RATED GALLON CAPACITY | MODEL NUMBER     | MODEL VARIANT | ELECTRIC BREAKER SIZE | UNIFORM ENERGY FACTOR (UEF) | ESTIMATED YEARLY ENERGY COST | COMPRESSOR BTU/H | SOUND LEVEL (dBA) | UEF FIRST HR. RATING G.P.H. | RECOVERY IN G.P.H. 90° F RISE | HEIGHT          | DIAM.   | HT. TO COLD INLET & DRAIN VALVE | HT. TO HOT OUTLET & T&P | UNIT WT. (LBS.) | APPROX. SHIP WT. (LBS.) |
| 50                      | 45                    | PROH50 T2RH350BM | 697710        | 30                    | 3.50                        | \$111                        | 4200             | 53                | 67                          | 29                            | 61"             | 22-1/4" | 3-5/8"                          | 39-5/8"                 | 178             | 218                     |
| 65                      | 59                    | PROH65 T2RH350BM | 697727        | 30                    | 3.70                        | \$161                        | 4200             | 53                | 75                          | 29                            | 64"             | 24-1/4" | 3-7/8"                          | 42-3/8"                 | 225             | 262                     |
| 80                      | 72                    | PROH80 T2RH350BM | 697734        | 30                    | 3.70                        | \$161                        | 4200             | 53                | 89                          | 29                            | 74"             | 24-1/4" | 3-7/8"                          | 52-3/8"                 | 244             | 281                     |

Estimated energy cost based on a national average electricity cost of 12.00 /kWh. Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.

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.

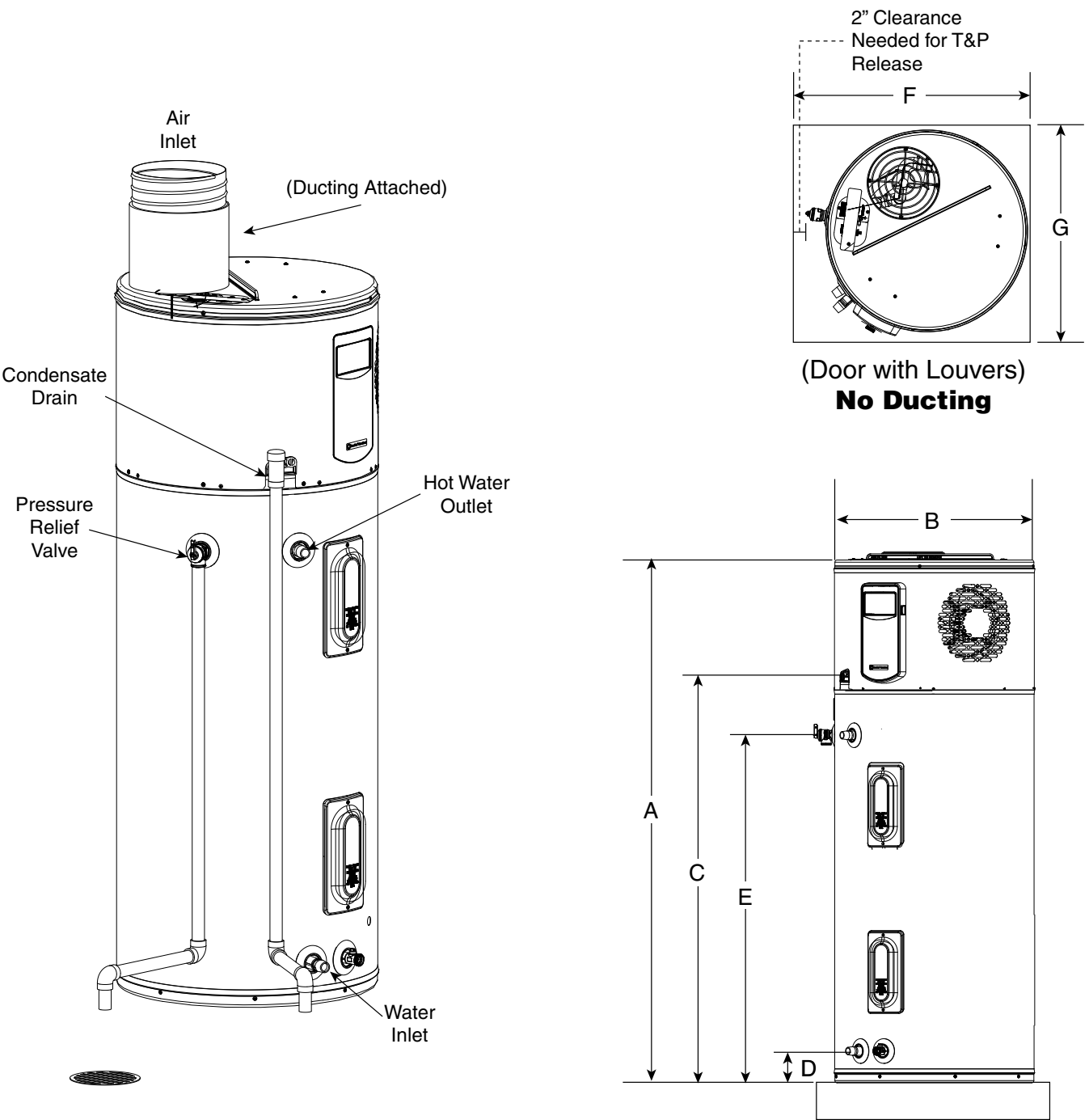
<sup>1</sup> See Residential Warranty Certificate for complete information. <sup>2</sup> WiFi broadband internet connection required. Need WiFi module, purchased separately. <sup>3</sup> Consult your tax advisor for details on eligibility requirements for any available tax credits. Rebates vary by state.

For more product information, visit: [Rheem.com/HybridSolutions](http://Rheem.com/HybridSolutions)



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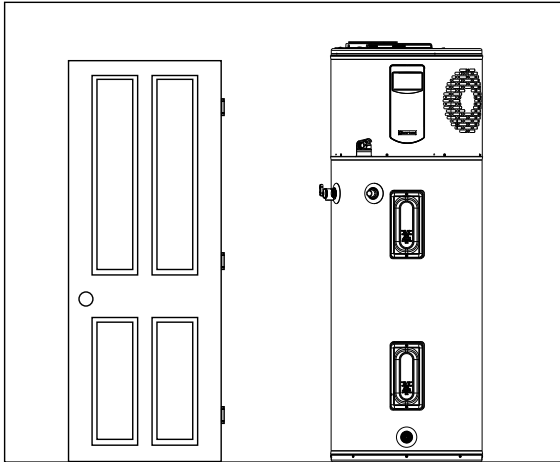
Rheem® Builder Class Residential Hybrid Electric Water Heater



| DESCRIPTION             |              | DIMENSIONS (SHOWN IN INCHES) |        |    |       |        |    |    |
|-------------------------|--------------|------------------------------|--------|----|-------|--------|----|----|
| NOMINAL GALLON CAPACITY | MODEL NUMBER | A                            | B      | C  | D     | E      | F  | G  |
| 50                      | PROH50       | 61                           | 22-1/4 | 47 | 3-5/8 | 39-5/8 | 28 | 24 |
| 65                      | PROH65       | 64                           | 24-1/4 | 49 | 3-7/8 | 42-3/8 | 30 | 26 |
| 80                      | PROH80       | 74                           | 24-1/4 | 59 | 3-7/8 | 52-3/8 | 30 | 26 |

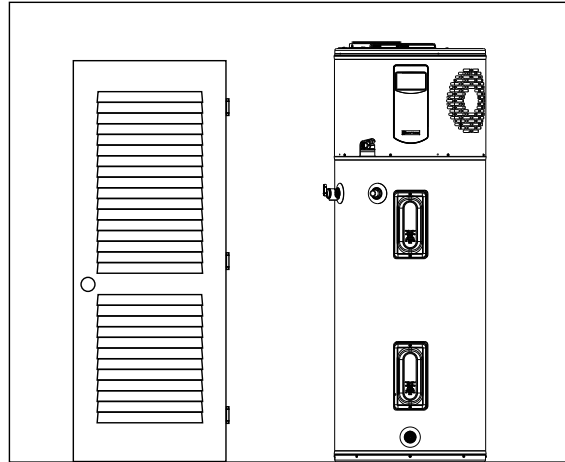
## Heater: Not Ducted

Room size: Larger than 700 ft<sup>3</sup> (e.g. 7' x 10' x 10').  
Requirements: No additional ventilation needed.



## Heater: Not Ducted

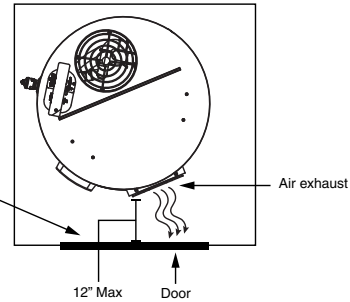
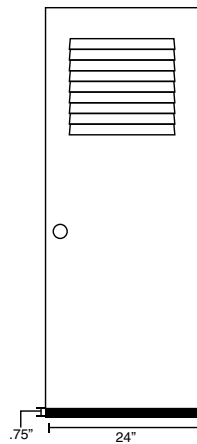
Room size: Smaller than 700 ft<sup>3</sup> (e.g. 7' x 10' x 10').  
Requirements: Full louvered door OR two louvers top and bottom. See below.



## Heater: Not ducted

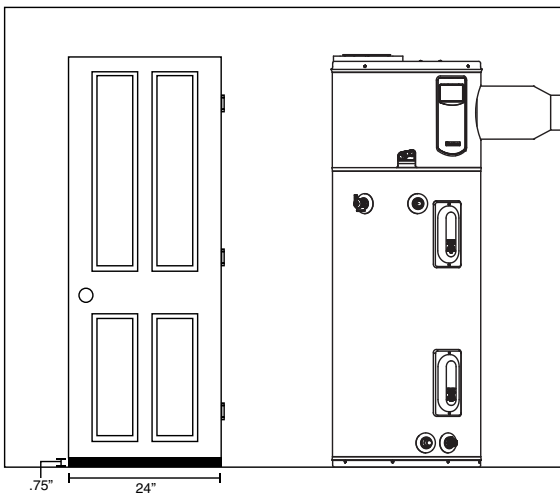
Room: Small Closet

Requirements: \* Air gap under door equal to 18 in<sup>2</sup> (0.75" clearance).  
\* Louver must be located the same height on door as the air exhaust on heater.  
\* Heater air exhaust must be positioned towards louver within one foot of door.



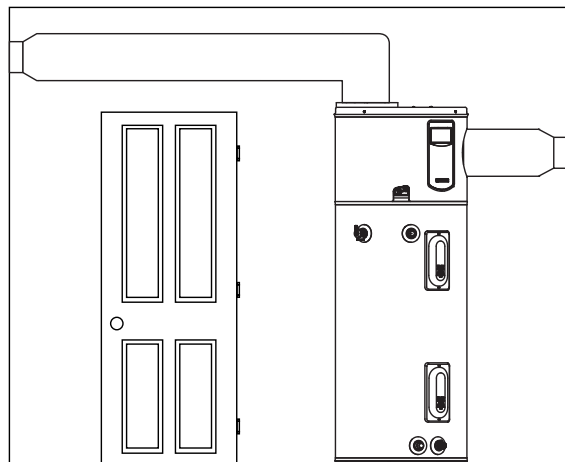
## Heater: Ducted with inlet OR outlet duct

Room size: Any size room  
Requirements: Air gap under door equal to 18 in<sup>2</sup> (0.75" clearance)



## Heater: Ducted with inlet AND outlet duct

Room size: Any size room  
Requirements: No additional ventilation needed.





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## Hybrid Accessories

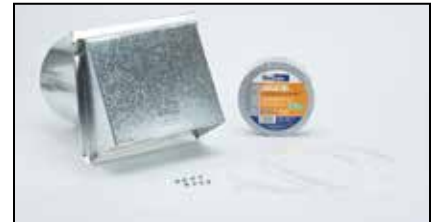
| PART NUMBER | DESCRIPTION                              | USE FOR   |
|-------------|--|---|
| SP20882     | Earthquake Isolation Kit                 | Installations in seismic regions                                  |
| SP20883     | Vibration Isolation Kit                  | Installation on non-concrete floors                               |
| SP20884     | 8" Diameter UL Certified Termination Kit | Termination to the outside or to the attic with 8" diameter       |
| SP20885     | 7" Diameter UL Certified Termination Kit | Termination to the outside or to the attic with 7" diameter       |
| SP20886     | 6" Diameter UL Certified Termination Kit | Termination to the outside or to the attic with 6" diameter       |
| SP20887     | 5" Diameter UL Certified Termination Kit | Termination to the outside or to the attic with 5" diameter       |
| SP20888     | 8" Rheem Approved Damper Kit             | Exhaust only to the outside ducting configuration (no inlet duct) |
| SP20889     | 25' Flexible 8" Diameter Duct Kit        | For up to 25' of ducting  |
| SP20890     | Rigid Elbow Duct Kit                     | Installation in tight places where space needs to be minimized    |
| SP17829     | Exhaust Duct Adaptor                     | Allows to duct exhaust air  |



SP20882



SP20883



SP20884



SP20885



SP20886



SP20887



SP20888



SP20889



SP20890



SP178229

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

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