

The world's first intelligent heat pump water heater



R D H 6 5 2 4 M 1

65 Gallon

Variable Speed

Heat Pump Water Heater



Features

- Intelligent control reduces energy use up to 80% without sacrificing comfort
- Predicts hot water demand with built-in flow sensor
- Coordinates with home solar, batteries, and grid
- Variable speed compressor
- Mode-free operation with optional user preferences
- Non-toxic, non-flammable, low-GWP refrigerant (R-513A)
- 78 Gallon First Hour Rating (FHR)
- 3.76 Uniform Energy Factor (UEF)

Installation

- Front access air filter
- Side mounted water connections
- Built-in mixing valve
- Accessory ducting kits available
- 34" x 34" x 77" area needed for installation

Connectivity

- Set up on-unit or in the Cala app
- Bluetooth mobile app setup
- AWS Sidewalk compatible
- Remote monitoring and diagnostics available
- Over-the-air update capable

Expect more from your water heater than just hot water

Get in touch today:
info@calasystems.com

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SPECIFICATIONS

MODEL INFORMATION

Model	RDH6524M1
Refrigerant	R-513A
Compressor	Variable speed
Tank	Glass-lined carbon steel
Insulation	2" non-CFC polyurethane
Nominal Dimensions	24" diameter 67" height
Shipping Dimensions	32" x 32" x 72"
Dry (Shipping) Weight	287 lbs

PLUMBING

Water Connections	3/4" NPT
Condensate Connection	3/4" NPT
Flow Sensor	Integrated
Mixing Valve	Integrated
Leak Detection	Integrated

PERFORMANCE

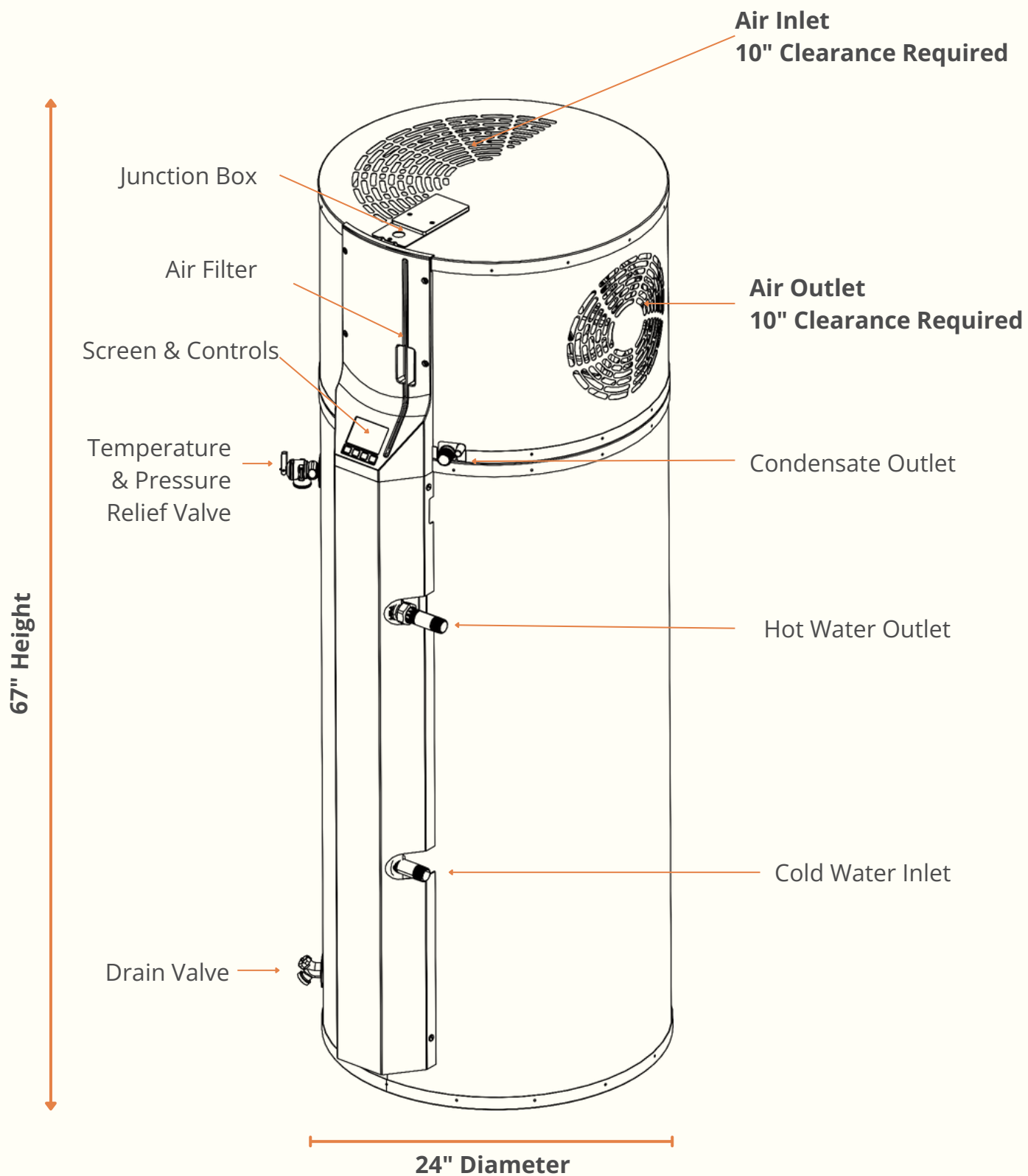
Tank Capacity	65 gallons (Nominal) 61 gallons (Rated)
Compressor Output	1,000W - 1,800W
Heat Elements	4,500W upper 4,500W lower
UEF	3.76
FHR	78 gallons
Sound Level Internal test results based on NEEA v6.0 Appendix D Test Method at 55Hz	48 dBa
Heat Pump Ambient Operating Range	37 - 120F

ELECTRICAL

Power	240V/60Hz/1-Phase
Breaker Size	30A double pole

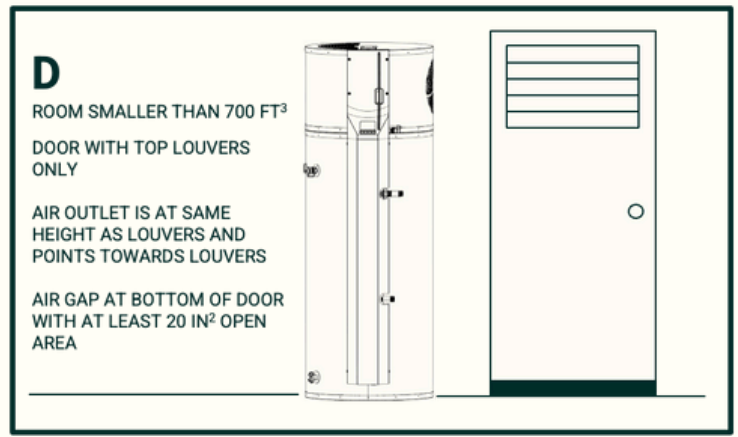
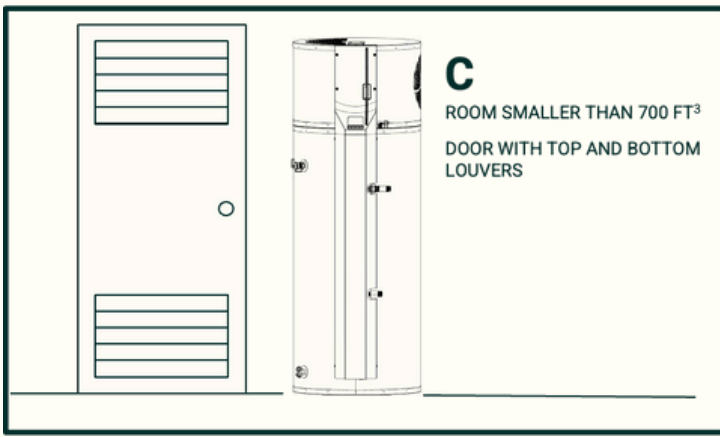
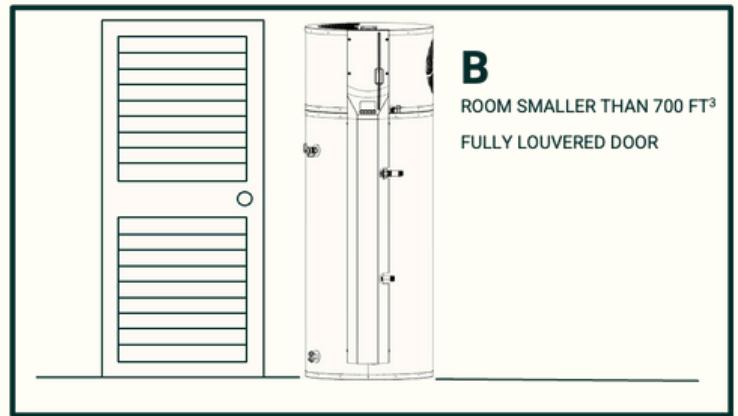
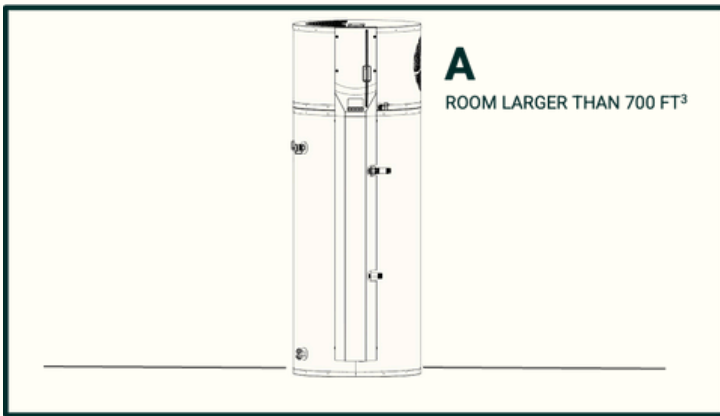
CONNECTIVITY

Connectivity	WiFi, LPWAN, Bluetooth
User Interface	On-unit or Cala app
Smartphone App	iOS and Android



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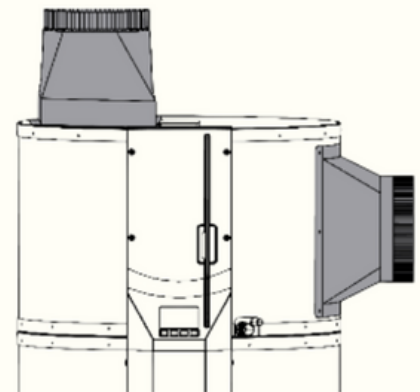
ROOM REQUIREMENTS



If the room meets any of the above requirements then ducting is not required.

Ducting adapters are available for purchase. See Installation & Operation manual for more detail.

PART NUMBER	DESCRIPTION
100199	AIR OUTLET DUCT ADAPTER KIT
100200	AIR INLET DUCT ADAPTER KIT



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