

Hybrid Electric Heat Pump Water Heater

12
YEAR
WARRANTY
COMPRESSOR

12
YEAR
WARRANTY
ALL PARTS



HOMBASK

R32



SET WATER TEMPERATURE RANGE

35°C - 65°C



Eco-Friendly



Energy Saving



Triple-layer Insulation



70°C Auto-Sanitization



Wi-Fi



App Control



Enamel Surface
Crafted by 850 °C



1080 hours Safety Test

High-Efficiency Inverter Technology: Adjusts compressor frequency based on hot-water demand, delivering up to 13% greater efficiency than fixed-speed units.

Intelligent Energy Savings: Self-learning and forecasting functions optimize operating schedules for up to 10% additional energy savings.

Enhanced Hot-Water Delivery: The domed tank-bottom design eliminates stagnant cold water and increases the First Hour Rating by 15%.

Eco-Friendly R32 Refrigerant: Uses 40% less refrigerant than conventional systems and has a significantly lower global warming potential than R134a.

Smart, Safe and Reliable Operation: Features app-based control, 70°C auto-sanitization, corrosion-resistant enamel protection and multiple safeguards against dry firing, overpressure, overflow and leaks.



R32

Parameters/ Model	Unit	KHW50R32		KHW70R32	
First Hour Rating (FHR) ⁽¹⁾	gal	80		100	
Uniform Energy Factor (UEF) ⁽¹⁾	-	4		4	
Heating Capacity ⁽²⁾	W	2400		2400	
Power Input ⁽²⁾	W	570		570	
COP ⁽²⁾	-	4.2		4.2	
Refrigerant Charge	oz (kg)	R32 / 19.4 (0.55)			
Heat Pump Operating Range	°F (°C)	35.6~113 (2~45)			
Maximum and Minimum Set Water Temperatures (The heat pump can heat water up to 60°C)	°F (°C)	95~149 (35~65)			
Sound Pressure Level ⁽³⁾	dB(A)	49		49	
Nominal Volume of the Tank	gal	50		70	
Rated Volume of the Tank	gal	54		68	
Dimensions (W×D×H)	in	26-1/8×25-1/2×66-15/16		26-1/8×25-1/2×76-1/8	
	(mm)	(664×648×1700)		(664×648×1934)	
Ship Dimensions (W×D×H)	in	29-1/4×29-1/4×74-3/16		29-1/4×29-1/4×83-1/4	
	(mm)	(743×743×1885)		(743×743×2115)	
Unit Wt.	Lbs	240		265	
Approx. Ship Wt.	Lbs	289		315	
Tank Maximum Working Pressure	psi	150			
Power Supply	-	208/240V ~ 60Hz			
Fan Motor Horsepower	HP	0.042			
Rated Input Current of Compressor	A	5.95	4.85	5.95	4.85
MOP (Max. Rating of Overcurrent Protective Device)	A	30	30	30	30
MCA (Min. Circuit Ampacity)	A	30	30	30	30
Upper Electric Heater	W	3380	4500	3380	4500
Lower Electric Heater	W	3380	4500	3380	4500
Maximum Allowable Ratings	W	5728			
Connections for the domestic water circuit	-	3/4"		3/4"	

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