

Meets Diverse Needs

Leakage Detection (Optional)

Main PCB

Leakage prevention algorithm contained.

Leakage Detection sensor

Fix at the bottom of the unit, detect if water is leaking.

Shut-o valve

Automatically close the water inlet valve when water leakage happens. Prevent your house from flooding, protect your carpet and floor.



Air duct adapter (Optional)



Parameter SPECIFICATION SHEET

This specification sheet is based on the ductless version of the appliance.

D e s c r i p t i o n	Model Number			D e s c r i p t i o n	Model Number		
	MAHW-50VN3A	MAHW-65VN3A	MAHW-80VN3A		MCHW-50VN3A	MCHW-65VN3A	MCHW-80VN3A
Energy Info	Normal Gallon Capacity	50	65	80	45	61	77
	Rated Gallon Capacity	47	63	79	47	63	79
	Water Inlet Temperature Range	208V/240V, 60Hz, 3Ph			208V/240V, 60Hz, 3Ph		
	Water Outlet Temperature Range	10.9°F-149°F(45°C-65°C)			10.9°F-149°F(45°C-65°C)		
	Uniform Energy Factor (UEF)						
	First Hour Rating (FHR)	3.75	3.90	4.00	3.75	3.90	4.00
	Element Wattage	69	80	91	69	80	91
	Compressor capacity	4.5.0.0W(24.0V)			4.5.0.0W(24.0V)		
	Total Unit Wattage (input) — Lower	4.5.0.0W(24.0V)			4.5.0.0W(24.0V)		
	Gold Climate Efficiency (COP)	1800W			1800W		
Features	Recovery in G.P.H. 90°F Rise	5500W			5500W		
	Heat pump ambient operating range	-7.5			-7.5		
	Heating element ambient operating range	37°F-109°F(3°C-43°C)			37°F-109°F(3°C-43°C)		
	LED Screen	5°F-115°F(-15°C-46°C)			5°F-115°F(-15°C-46°C)		
	WiFi-Ready	Built-in iA-2045 Port			Built-in iA-2045 Port		
	Leak Detection	x			x		
	8" Interconnect air duct connection	y			y		
	Operation Mode	Optional			Optional		
	TP Valve installed	Optional			Optional		
	Min. Circuit Amps	5			5		
Dimensions	Electric Breaker Size	23.6A(208V)/26.8A(240V)			23.6A(208V)/26.8A(240V)		
	Replaceable Filter	2.5 A(2.0.8V)/3.0A(24.0V)			2.5 A(2.0.8V)/3.0A(24.0V)		
	Installation Clearance (Back)	0"			0"		
	Installation Clearance (side)	6"			6"		
	Installation Clearance (top)	20"			20"		
	Dry Fire Protection	y			y		
	Body Height	66.4/5 inch			66.4/5 inch		
	Body Diameter	21.9/10 inch			21.9/10 inch		
	Body Weight	28.9/10 inch			28.9/10 inch		
	Ship Length	28.9/10 inch			28.9/10 inch		
C e r t i f i c a t i o n	UL 60335-1 & UL 60335-2-40	UL 174			UL 174		
	AHRI	NEEA			NEEA		
	NSF/ANSI 372	Energy Star			Energy Star		
	NEEA test protocol	NEEA test protocol			NEEA test protocol		
	Water Inlet	Water Inlet			Water Inlet		
	Water Outlet	Water Outlet			Water Outlet		
	Water Inlet	Water Inlet			Water Inlet		
	Water Outlet	Water Outlet			Water Outlet		
	Water Inlet	Water Inlet			Water Inlet		
	Water Outlet	Water Outlet			Water Outlet		
	Water Inlet	Water Inlet			Water Inlet		

*Future Products in 2024



Midea COMBO Heat Pump Water Heater

Up to 75% Energy Saving



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Midea reserves the right to change the specifications of the product, and to withdraw or replace products without prior notification or public announcement. Midea is constantly developing and improving its products.

How Does It Work?

Uses air source heat transfer

Absorbs the Heat from the Surrounding Air

Transfers the Heat to the Water in the Tank



4 Times

More Energy Efficiency Than Traditional Electric Water Heater

Traditional Electric Water Heater

Power Input
1kW



Heat Output Up to
1kW

Midea Heat Pump Water Heater

Power Input
1kW



Heat Output Up to
4kW

So It Lowers Operating Costs



Up to 75%

Annual Energy Savings



\$700

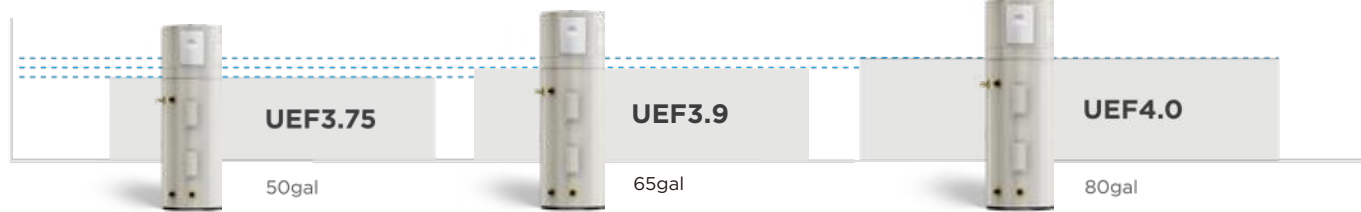
Slash of Energy Bill

	Annual power consumption	Annual electricity bill
Electric water heater	6740 kWh	943.6\$
Combo	1685 kWh	235.9\$

*Estimated value under specific installation conditions, electricity cost is calculated as US\$0.14/kWh

Top Tier Energy Efficiency

Exceeds CEE Advanced Tier

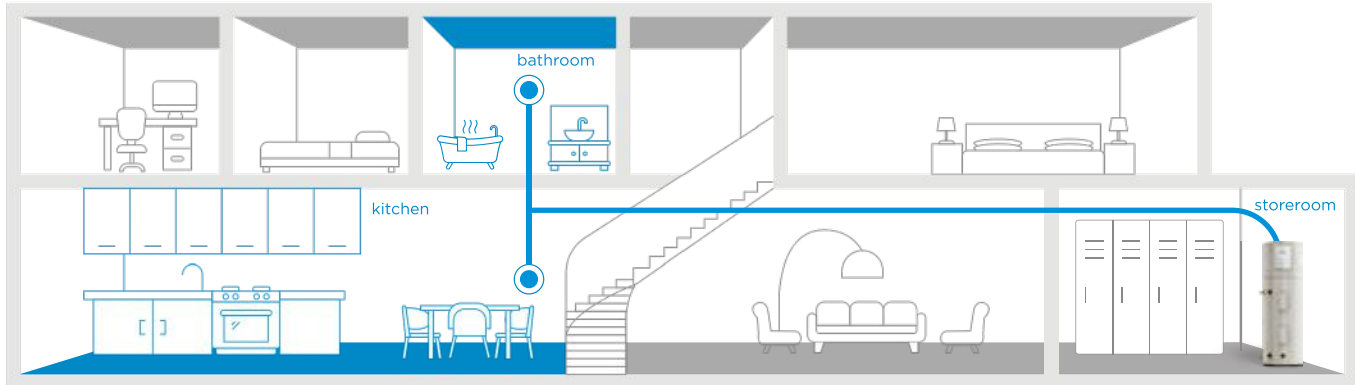


*IRA highest rebate compliance: heat pump water heaters with UEF $\geq$ 3.3 for 240V models

Eligible For Many Rebate Programs



Easy Upgrade Solutions!



Easy-to-install



Universal Parts

Most key components are universal to 50 Gallon and 80 Gallon.

