

Meets Diverse Needs

Leakage Detection (Optional)

Main PCB

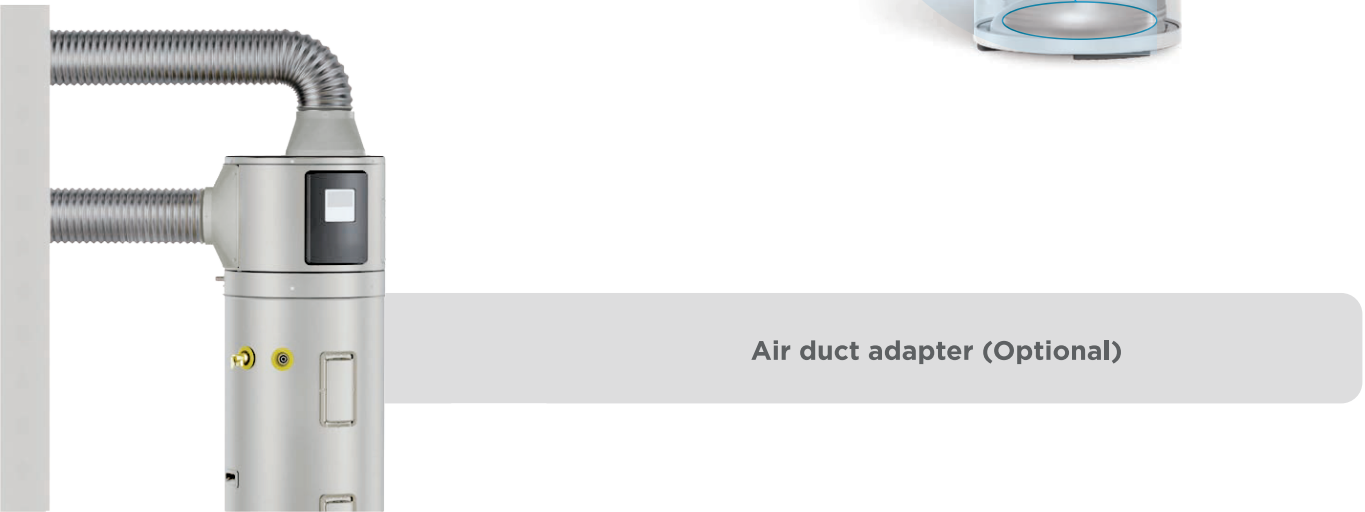
Contains leakage prevention algorithm.

Leakage Detection Circuit

Located at the bottom of the unit, detects if water is leaking.

Shut-off valve

Automatically closes the water inlet valve when a leak is detected, preventing your home from flooding.



Parameter

	Model Number		MCHW-50VNSA		MCHW-65VNSA		MCHW-80VNSA	
Description	Normal Gallon Capacity		50	45	65	61	80	74
	Rated Gallon Capacity		47	47	61	61	75	75
	Voltage		208V/240V, 60Hz, 1Ph		109T-149T(43C-65C)			
	Water Outlet Temperature Range							
	Uniform Energy Factor (UEF)		3.75		3.90		4.00	
Energy Info	First Hour Rating (FHR)		69		80		91	
	Element Wattage	Upper			4500W(240V)			
		Lower			4500W(240V)			
	Compressor capacity				1500W			
	Total Unit Wattage (input)				5500W			
	Cold Climate Efficiency(CCE)				5			
	Recovery in G.P.H. 90F Rise				27.5			
	Heat pump ambient operating range				37T-109T(3C-43C)			
	Heating element ambient operating range				5T-115T(15C-46C)			
	LED Screen				✓			
Features	WiFi-Ready				x			
	Built-in CTA-2045 Port				✓			
	Leak Detection				Optional			
	8" inlet/outlet air duct connection				Optional			
	Operation Modes				5			
	TP Valve installed				✓			
	Min. Circuit Amperes				23.6A(208V)/26.8A(240V)			
	Electric Breaker Size				25A(208V)/30A(240V)			
	Replaceable Filter				✓			
	Installation Clearance (Back)				0"			
Dimensions	Installation Clearance (Side)				6"			
	Installation Clearance (top)				20"			
	Dry Fire Protection				✓			
	Body Height		66 4/5 inch		65 6/7 inch		74 3/5 inch	
	Body Diameter		21 9/10 inch		25 7/10 inch		25 7/10 inch	
	Body Weight		218.26 lb		271.39 lb		293.22 lb	
	Ship Length		28 7/10 inch × 27 3/5 inch		30 1/10 inch × 28 9/10 inch		30 3/10 inch × 29 1/10 inch	
	Ship Height		75 1/5 inch		75 3/5 inch		83 2/5 inch	
	Ship Weight		264.56 lb		334.2/9 lb		357/15 lb	
	Water Connection Size		Inlet	Outlet	3/4inch			
Certifications	Drainage Hose				3/4inch			
	UL 60335-1 & UL 60335-2-40				✓			
	UL 174				✓			
	AHRI				✓			
	NEEA				Tier 4			
	NSF/ANSI 372				✓			
Sound	Energy Star				✓			
	NEEA test protocol				49.5dB(A)			

*Future Products in 2024



Ascend ZW group
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Contact: 1866-866-4332
info@mideacomfortna.ca



Midea COMBO
Heat Pump Water Heater

Up to 75% Energy Saving

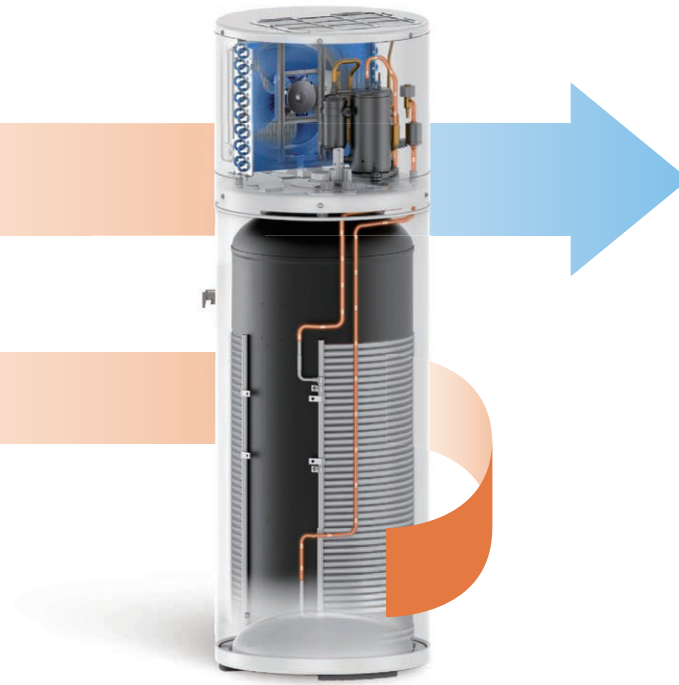


How Does It Work?

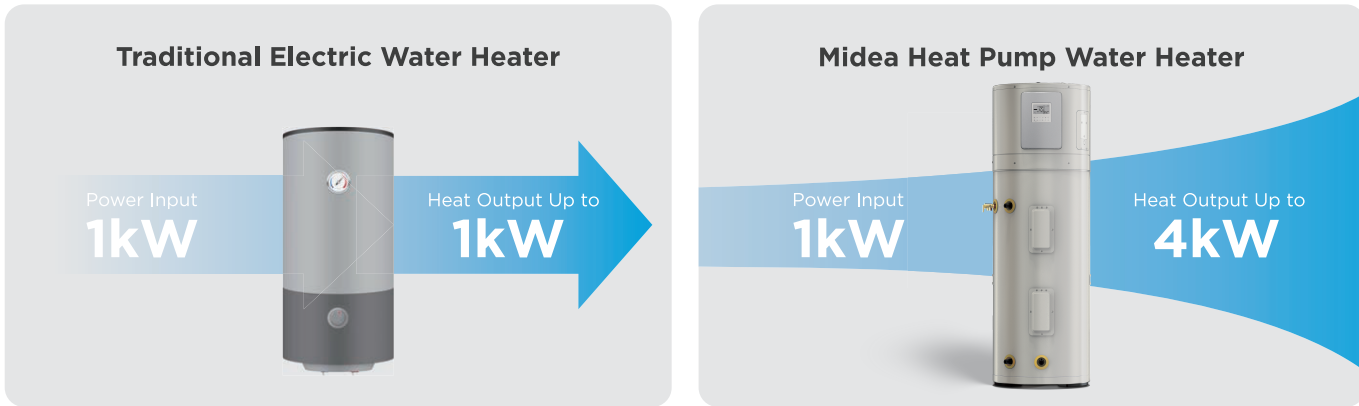
Uses air source heat transfer

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



So It Lowers Operating Costs

Up to 75%
Annual Energy Savings

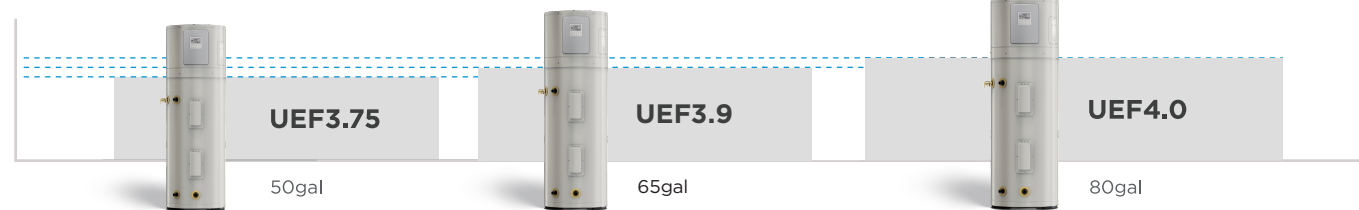
\$700
Slash of Energy Bill

	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

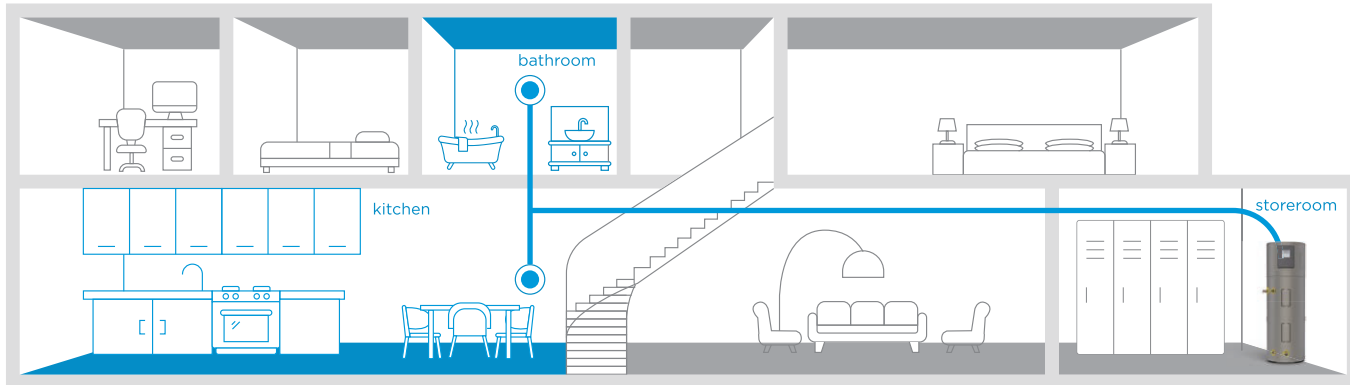


*IRA highest rebate compliance: heat pump water heaters with UEF ≥ 3.3 for 240V models

Eligible For Many Rebate Programs



Easy Upgrade Solutions!



Easy-to-install



Universal Parts

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

