



ENERGY STAR CERTIFIED

Heat Pump Water Heaters

Midea - water heater : MCHW-50VN3A

Specifications	
ENERGY STAR Unique ID:	3624214
ENERGY STAR Partner:	GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD.
Brand Name:	Midea
Model Name:	water heater
Model Number:	MCHW-50VN3A
Connected Capable:	Yes
Connects Using:	Wi-Fi,CTA-2045
DR Protocol:	CTA-2045-B
Communication Hardware Architecture:	A - Built-in
Time of Use Schedule:	Yes
Tax Credit Eligible:	Yes
ENERGY STAR Certified:	Yes
Type:	Hybrid/Electric Heat Pump
Fuel:	Electric
Max. Amps:	24.0
Input Voltage for HPWH (V):	240
Draw Pattern (Intended Usage):	Medium-Usage
First Hour Rating (gallons):	69
Heat Pump Type:	240 Volt Integrated HPWH
Lower Compressor Cut Off Temperature for HPWH (°F):	37.4
Upper Compressor Cut Off Temperature for HPWH (°F):	107.6
Refrigerant with GWP:	R-134a (GWP:1430)
Uniform Energy Factor (UEF):	3.75
Recovery Efficiency (%):	430.0
Electric Input (kW):	5.5
Electric Usage (kWh/yr):	855.0
Storage Volume (gallons):	47.0
Tank Diameter (inches):	18.3
Tank Height (inches):	47.9
Date Certified:	2024-11-04
Markets:	United States, Canada

Captured On:

06/18/2025