



## HotWave Series

R290 Hot Water Split Type



# PRODUCT LINEUP

## Outdoor Unit



MHW-V36WD2N7-C

**Capacity**  
3.6 kW

**Power Supply**  
220-240V/1N/50Hz

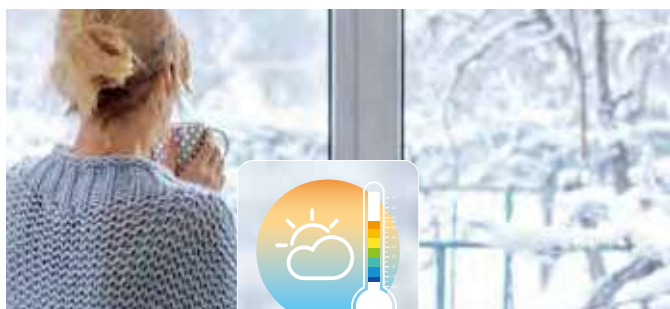
## Indoor Unit

MT-300R36E42-C

Tank	Electric Heater	
Volume	Capacity	Power Supply
300L	4.2kW	220-240V/1N/50Hz



# WIDE OPERATING RANGE



**Ambient Temperature**  
-15°C ~ 46°C



**Leaving Water Temperature**  
55°C ~ 70°C

# POWERFUL FEATURES



Boost mode makes hot water quickly



Automatic sterilization



Solar power is preferred



DRED and off-peak for saving energy bills



Wired controller can connect Wi-Fi



With quick connection for easy installation

# RELIABLE PROTECTION



Low pressure protection



Over-current protection



High pressure protection



Discharge temperature protection

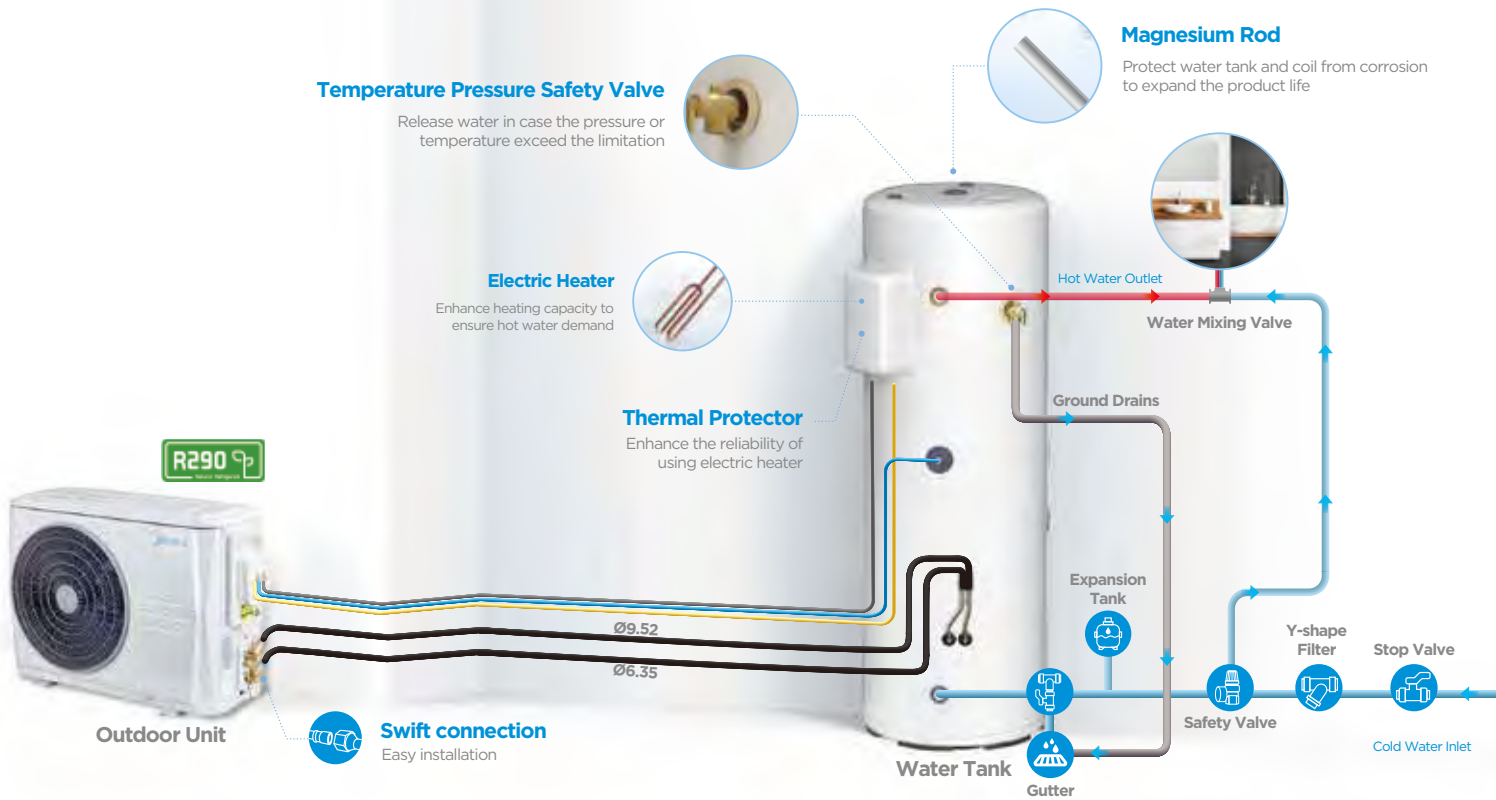


Superheat protection



Anti-freezing protection

# SYSTEM DIAGRAM



# SmartHome APP

Easy setting

Holiday function

Convenient remote control

Electric heater control

Schedule function

Disinfection control



Note: APP interface changes from time to time as APP is updated and may change slightly vary from those in this document.

# SPECIFICATIONS

General	Outdoor unit model		MHW-V36WD2N7-C		
	Indoor unit model		MT-300R36E42-C		
	VEEC (Victorian Energy Efficiency Certificate)		113*		
	Ambient temperature		°C	-15-46	
	Leaving water temperature		°C	55-70 (default 70°C)	
	Heating	Capacity <sup>1</sup>	W	3600	
		Input	W	1800	
	Hot water yield		m <sup>3</sup> /h	0.04721/ 0.06022	
	Refrigerant piping	Liquid side	mm/inch	φ 6.35 / φ 1/4'	
		Gas side	mm/inch	φ 9.52 / φ 3/8'	
		Max. height difference	m	10	
		Max. refrigerant pipe length	m	20	
	Design pressure		MPa	3.3	
Outdoor unit power supply		V/N/Hz	220-240/1/50		
Outdoor unit	Max. current		A	26.0	
	Compressor Type		Type	DC inverter rotary	
	Fan		Type	DC inverter	
	Air side heat exchanger		Type	Hydraulic aluminum fin + Inner grooved copper tube	
	Throttle		Type	Electric expansion valve	
	Outdoor sound pressure level		dB(A)	54	
	Diemension	Unit dimension(L*W*H)		mm	804 x 327 x 555
		Packing dimension(L*W*H)		mm	845 x 390 x 630
		Net weight		kg	27
	Refrigerant	Type			R290
Charged weight		g	470		
Water Tank	Tank volume		L	300	
	Electric heater	Capacity	kW	4.2	
		Power supply	V/N/Hz	220-240/1/50	
	Diemension	Unit dimension(W*D*H)		mm	580 x 580 x 1 735
		Packing dimension(W*D*H)		mm	1 835 x 690 x 670
		Net weight		kg	106

## Notes:

1. Ambient temperature 19/15°C(DB/WB), initial water temperature 9°C, terminative water temp. 60°C.

\* VEECs based on replacing a 3.6kW electric resistance water heater in metro area. Effective from 1st Feb 2025.