



# HEATING & COOLING SYSTEM (MULTI FUNCTION HEAT PUMP)

• Multi Functional •



Hot  
Water



Air  
Cooling



Room  
Heating

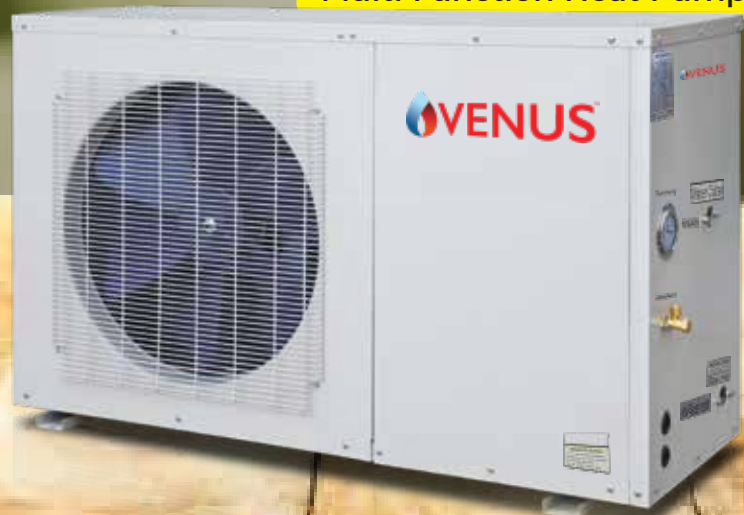
Hot Water Tank



Indoor A/c Unit



Multi Function Heat Pump



# MULTI FUNCTION HEAT PUMP

Get non-stop Hot water + Air conditioner anywhere in the house while savings as much as 75 - 80% on your water heating and room cooling costs. A solitary multi function heat pump is designed to supply hot water, room heating and room cooling. (Like a typical air conditioner). While using air conditioner hot water becomes free.

## BENEFITS

There are five independent functions for this heat pump.

1. Hot water provision
2. Room heating
3. Room cooling
4. Hot Water & Room Heating
5. Hot Water & Room Cooling

Multifunction heatpumps employ a reversing valve to allow the indoor (load) heat exchanger and out door (source) heat exchanger to swap roles. So that the loadside heat exchanger can provide either heating or cooling.

## FEATURES



Hot Water  
Room Heating & Cooling



Reliable  
Compressor



Circulation Pump



Expansion valve



Intelligent Electronic  
controller



Operating at lower  
or higher temperature



High Energy Efficiency -  
COP of 4.0



Split system for  
flexible installation



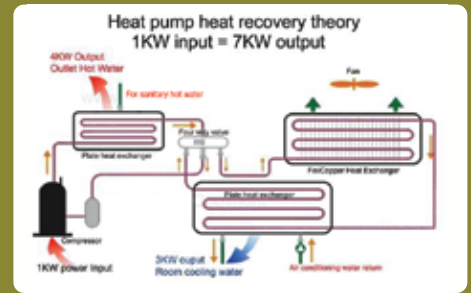
Water circulation  
technology



Low operating cost -  
more savings



High & Low Pressure  
Switch Protection



Parameters \ Model			VMFHP7.5
Hot Water	Rated hot water capacity	L/H	215
	Rated power input	kW	2.38
	COP	W/W	4.20
	Rated output water temp.	°C	55
	Maximum output water temp.	°C	60
	Water pipe(Inlet/Outlet)	mm	DN25
Cooling capacity	Cooling Capacity	kW	7.50
	Cooling power input	kW	2.46
	EER	W/W	3.05
Heating Capacity	Heating Capacity	kW	8.50
	Heating power input	kW	2.70
	COP	W/W	3.15
Working ambient temp.	°C	(-) 7~45	
Power supply	V/Ph/Hz	220/1/50~60	
Compressor	Type	Rotary	
Refrigerant	Type	R407C	
Dimensions	Length	mm	715
	Width	mm	715
	Height	mm	830
Unit noise level	dB(A)	51	
Net / Gross weight	kg	90/95	

Model		VFCU3.5
Air Flow m3/h	High speed	680
	Medium speed	510
	Low speed	340
Cooling Capacity	W	2200~4200
Heating Capacity	W	4400~8200
Water Flow	kg/h	800
Input Power	W	62
Noise Level	dB(A)	39
Power	V/Ph/Hz	220V/1/50Hz
Water Inlet Pipe	Inches	3/4" internal thread
Water Outlet Pipe	Inches	3/4" internal thread
Dimension L x W x H	mm	850 x 265 x 210

Note: 1. Rated cooling conditions: Ambient temperature DB35°C, water temperature: inleVoutlet: 12°C/7°C  
 2. Rated heating conditions: Ambient temperature DBTC, water temperature: inleVoutlet: 40°C/45°C  
 3. Rated hot water: Ambient temperature DB20°C, water temperature: 15°C~55°C



## VENUS HOME APPLIANCES (P) LTD.

**CENTRAL MARKETING OFFICE:** 4/993, Kamaraj Street, Rajiv Gandhi Salai (OMR), Kottivakkam, Perungudi Post, Chennai - 600 096. Ph: 4340 1515  
**Customer Care:** 08144666999 | **Whatsapp:** 09884064999  
**Email:** customercare@venushomeappliances.com  
**Website:** www.venushomeappliances.com