

# HYUNDAI

## Air to Water Heat Pump



## MONOBLOC HEAT PUMP R32 M thermal A Series Mono (18 - 30kW)

DC Inverter

R32

-25°C

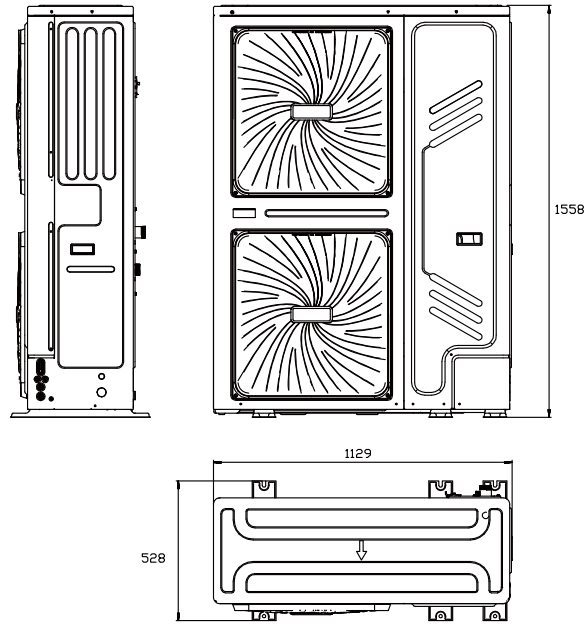
60°C

### Features

- Big capacity range from 18 kW to 30kW
- R32 environmental refrigerant:  
Lower GWP and carbon emission with better performance
- Stable supply of high temperature water in cold weather:  
Operation down to -25°C  
Maximum 60°C water temperature
- USB function:  
Convenient for program upgrade and parameter setting
- Double zones control more flexibility:  
Maximum 8 zones control (customized)
- Wifi controller and APP control
- Smart Grid function for low operation cost
- Climate curve function  
Weather dependent operation with climate correlation to ensure absolute comfort
- Energy consumption statistics and energy management
- Parallel control  
Maximum 6 units controlled by one controller



# Dimensions (Unit: mm)



# Specifications

Model name			MHC-V18W/D2RN8	MHC-V22W/D2RN8	MHC-V26W/D2RN8	MHC-V30W/D2RN8
Power supply		V/Ph/Hz	380-415/3/50			
Heating <sup>1</sup>	Capacity	W	18000	22000	26000	30100
	Rated input	W	3830	5000	6373	8027
	COP		4.70	4.40	4.08	3.75
Heating <sup>2</sup>	Capacity	W	18000	22000	26000	30000
	Rated input	W	5143	6471	8387	10345
	COP		3.50	3.40	3.10	2.90
Heating <sup>3</sup>	Capacity	W	18000	22000	26000	30000
	Rated input	W	6545	8302	10612	13043
	COP		2.75	2.65	2.45	2.30
Cooling <sup>4</sup>	Capacity	W	17000	21000	26000	30000
	Rated input	W	5574	7119	9630	12766
	EER		3.05	2.95	2.70	2.35
Cooling <sup>5</sup>	Capacity	W	18500	23000	27000	31000
	Rated input	W	3895	5000	6279	7750
	EER		4.75	4.60	4.30	4.00
Seasonal space heating energy efficiency class <sup>6</sup>	Water outlet at 35°C	class	A+++	A+++	A+++	A++
	Water outlet at 55°C	class	A++	A++	A+	A+
Refrigerant	Type		R32			
	Charged volume	kg	5.0			
Sound power level		dB	71	73	75	77
Unit dimension (W×H×D)		mm	1129x1558x528			
Packing dimension (W×H×D)		mm	1220x1725x565			
Net/Gross weight		kg	177/206			
Water piping connections Dia.		inch	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP	1-1/4" BSP
Ambient temperature range	Cooling	°C	-5-46			
	Heating	°C	-25-35			
	DHW	°C	-25-43			
Water outlet temperature range	Cooling	°C	5-25			
	Heating	°C	25-60			
	DHW	°C	40-60			

**Notes:**

1. Evaporator air in 7°C, 85% R.H., Condenser water in/out 30/35°C
2. Evaporator air in 7°C, 85% R.H., Condenser water in/out 40/45°C
3. Evaporator air in 7°C, 85% R.H., Condenser water in/out 47/55°C
4. Condenser air in 35°C. Evaporator water in/out 12/7°C
5. Condenser air in 35°C. Evaporator water in/out 23/18°C
6. Seasonal space heating energy efficiency class testes in average climate general
7. The above data test reference standard EN14511; EN14825; EN50564; EN12102; (EU) No:811:2013; (EU) No:813:2013; OJ 2014/C 207/02:2014

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