



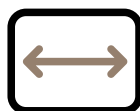
# HyperCore KW Series

Our floor consoles are a great renovation option with their slimline design, fitting neatly into cavities of renovated fireplaces or heaters. The auto swing vane provides a more natural and comfortable airflow throughout the room.



## HyperCore Compressor

HyperCore Heat Pumps are fitted with a 'heating caulking compressor' unique to Mitsubishi Electric. This compressor moves more vapour volume for less energy input, allowing it to maintain efficiency and higher revolutions.



## Slim & Sophisticated

A contemporary slimline design that can be recessed into your wall to significantly reduce the indoor unit's depth from 215mm to 145mm - a 33% decrease. Also features a removable base, it is the ideal solution to provide compact, unobtrusive installation.



## Advanced Defrost Logic

To remove the ice build up, the heat pump will go into "Defrost Mode" and during this time the heat pump will not be delivering heat into your home. HyperCore's Defrost Logic has been fine-tuned to extend the period in between defrost periods and optimise its heating performance.



## Built-In Wi-Fi\*1 Control

Unlock the door to smarter heating and cooling systems, for total home comfort. Connecting your Mitsubishi Electric air conditioner to your smartphone, tablet or online account, giving you the freedom to fully control each unit on-the-go via an internet connection from anywhere in the world.

## General Specifications

**Heating Capacity Range: 5.8/6.1kW**

### Unit Dimensions (mm):

750 (W) x 215 (D) x 600 (H)

### Available Colours:

Pure White

### Additional Features:

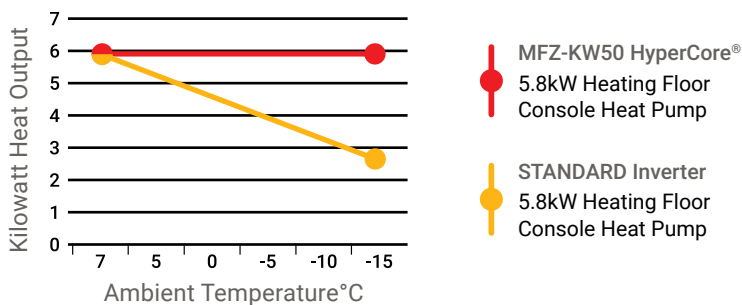
- » R32 Refrigerant
- » Multi Vane Flow
- » Guaranteed full rated heating capacity right down to -15°C

\*1 Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.

## HyperCore Technology

While ordinary heat pumps produce less heat below 7°C, Mitsubishi Electric HyperCore Technology continues to deliver its full rated heating capacity right down to -15°C, so you stay warm when you need it most.

## AMBIENT TEMPERATURE vs HEAT DELIVERY



## Specifications

HyperCore KW Series (Floor Standing)						
Indoor Unit				MFZ-KW50VG		MFZ-KW60VG
Outdoor Unit				MUFG-KW50VGHZ2		MUFG-KW60VGHZ2
Refrigerant				R32		
Cooling	Capacity	[Rated]*1		kW	5.0	6.1
		Min - Max.		kW	1.0 - 5.7	1.0 - 6.5
	SHF Rated			0.71	0.73	
	Total Input	[Rated]*1		kW	1.32	1.73
	EER / AEER			3.78 / 3.76	3.52 / 3.51	
	ZERL Star Ratings*2			Hot	3.0	2.5
				Average	2.5	2.5
				Cold	2.5	2.5
	Air Volume (Quiet-Low-Med.-High-Super High)			L/s	93 - 112 - 133 - 155 - 177	93 - 133 - 160 - 205 - 250
Sound Level (SPL) (Quiet-Low-Med.-High-Super High)			dB(A)	27 - 31 - 35 - 39 - 44	27 - 35 - 39 - 46 - 53	
Heating	Capacity	[Rated]*1		kW	5.8	6.5
		Min - Max.		kW	1.2 - 8.4	1.2 - 9.0
	Total Input	[Rated]*1		kW	1.53	1.88
	COP / ACOP			3.79 / 3.77	3.45 / 3.44	
	ZERL Star Ratings*2			Hot	3.0	3.0
				Average	2.5	2.5
				Cold	2.0	2.0
	Air Volume (Quiet-Low-Med.-High-Super High)			L/s	100 - 128 - 157 - 193 - 233	100 - 128 - 162 - 208 - 243
	Sound Level (SPL) (Quiet-Low-Med.-High-Super High)			dB(A)	29 - 35 - 40 - 45 - 50	29 - 35 - 41 - 47 - 51
Indoor Unit	Input	Cooling	Rated	W	0.26	0.63
		Heating	Rated	kW	0.52	0.59
	Operating Current Indoor (Max.)			A	0.47	0.55
	Dimensions (H x W x D)			mm	600 x 750 x 215	
	Weight	Unit		kg	15	
Outdoor Unit	Dimensions [HxWxD]			mm	880 x 840 x 330	
	Weight			kg	54	
	Air Volume	Cooling	Rated (Low-High)	L/s	477 - 813	
		Heating	Rated (Low-High)	L/s	633 - 855	
	Sound Level SPL*3/PWL	Cooling	Rated	dB(A)	53 / 66	
		Heating	Rated	dB(A)	56 / 69	
	Operating Current Outdoor (Max.)			A	14.8	
Power Supply	Outdoor Power Supply			230V Single Phase / 50Hz		
	Operating Current (Max.)			A	15.3	15.4
	Recommended Breaker Size			A	16	20
Ext.Piping	Diameter (Liquid / Gas)			mm	6.35 / 12.70	
	Max.Length / Height			m	30 / 15	
	Chargeless Piping Length			m	7	
Guaranteed Operating Range [Outdoor]		Cooling*4		°C	-10 ~ 46	
		Heating		°C	-25 ~ 24	

### Notes:

\*1 The Capacity (Rated) & Total Input (Rated) are determined under conditions T1 (Cooling) or H1 (Heating) of AS/NZS 3823.1.1  
Cooling: Indoor 27°CDB/19°CWB, Outdoor 35°CDB/24°CWB  
Heating: Indoor 20°CDB/15°CWB, Outdoor 7°CDB/6°CWB

\*2 ZERL (Residential) refers to "Zoned Energy Rating Label" residential star rating based on GEMS 2019 Determination

\*3 SPL measured under rated operating frequency

\*4 Optional air protection guide is required where ambient temperature is lower than -5°C.

All care is taken in the preparation of information to ensure it is accurate and current. Specifications and information are subject to change without notice. Colours depicted in this material may vary slightly from the actual product. Images presented are not to scale and are for illustrational purposes only. Suitable access for warranty and service is required.

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