

# RapidHeat KW Floor Consoles



Unparalleled Heating Performance in the Shortest Amount of Time

# RapidHeat KW Series



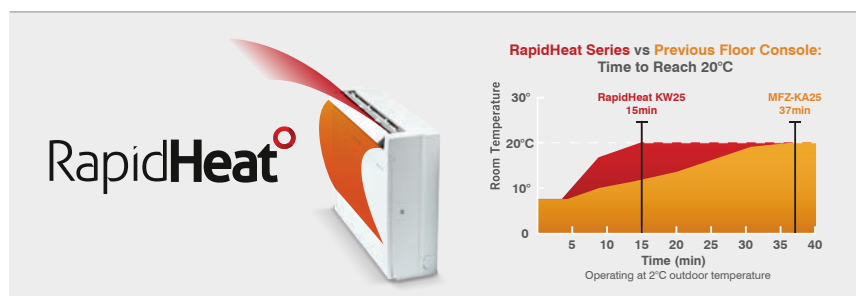
New Zealand's quietest floor consoles\* feature a contemporary slimline design and dramatically reduced depth. RapidHeat Floor Consoles are the perfect solution for unobtrusive heating at floor level. New advanced sensors with Intuitive Control Logic Technology offer unparalleled low temperature heating performance in the shortest amount of time, all while maintaining maximum energy efficiency.



## NZ's Quietest Floor Consoles

Starting at barely a whisper, Mitsubishi Electric RapidHeat Floor Consoles are New Zealand's quietest floor console heat pumps starting from just 18dBA\*. This is achieved through the use of a larger fan scroll that not only enables the unit to be quieter, but also increases its efficiency when heating your home.

## RapidHeat Technology



Advanced sensors coupled with Intuitive Control Logic mean optimal running temperatures are reached in the shortest amount of time possible with maximum energy efficiency. Automatically activated at start-up in low temperature conditions when Two-Way Airflow is selected, warm air is blown in a downward direction first before the air is returned back into the indoor unit where it is reheated a second time. As a result, a room can now be heated up to twice as fast compared to our previous model.

## Sleek, Sophisticated Design

Mitsubishi Electric RapidHeat Floor Consoles feature a new contemporary design that can be recessed into your wall to dramatically reduce the depth of the indoor unit from 215mm to 145mm – a decrease of 33%. With the addition of a removable base, it is the perfect solution offering compact, unobtrusive heating for new buildings, renovation projects and fireplace replacements.



## More Environmentally Friendly R32 Refrigerant

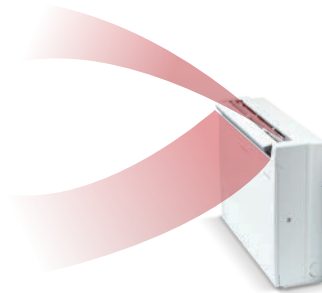
With a global warming potential that is 30% lower compared to older refrigerants such as R410A, next-generation R32 refrigerant has a much lower environmental impact. Furthermore, zero ozone depleting R32 is easier to reuse and recycle.



\*MFZ-KW25/35/42 indoor sound level on lowest fan setting in heating mode.

## Multi Vane Flow for Even Heat Distribution

The Multi Vane Flow function blows warm air in both an upward and downward direction providing fast, even and effective heating whilst also reducing draughts. This is achieved via three uniquely shaped vanes that are designed for better airflow control and also provide the freedom to be customised to your preference.



## Anti-Allergy Enzyme Filter



In addition to a washable Air Purifying Filter, the MFZ-KW Series features an Anti-Allergy Enzyme Filter which utilises enzyme catalysts to filter allergens and remove harmful bacteria.

## 7-Day Programmable Controller

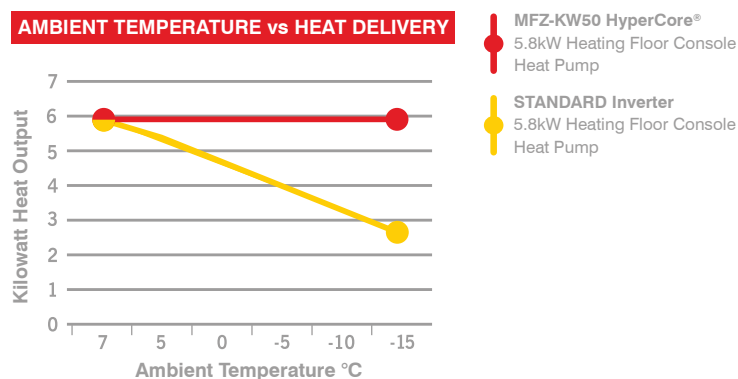


The RapidHeat Floor Consoles feature a built-in weekly timer, allowing you to program up to four time and temperature settings for each day of the week. You can now return to comfort without having to manually adjust the temperature. Perfect for anyone with a busy lifestyle, the 7-Day Controller is a great way to regulate your energy usage without compromising on comfort.

## Optional HyperCore Technology



The KW Series Floor Consoles come with optional HyperCore Technology. While ordinary heat pumps produce less heat below 7°C, only 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.



## Optional Wi-Fi Control! Never Return to a Cold Home Again



With optional Wi-Fi Control you can pre-heat or cool a room no matter where you are. On the way home, running late, coming home early, or even when you're in a different country, with Wi-Fi Control you'll always arrive home to total comfort.

Wi-Fi Control is Amazon Alexa and Google Home enabled so you can take your comfort to the next level and enjoy hands-free heat pump control.



Dimensions (WxDxH): 750 x 215 x 600mm

### MFZ-KW25VG

Heating Capacity: 3.4 kW | Cooling Capacity: 2.5 kW

### MFZ-KW35VG

Heating Capacity: 4.3 kW | Cooling Capacity: 3.5 kW

### MFZ-KW42VG

Heating Capacity: 5.4 kW | Cooling Capacity: 4.2 kW

### MFZ-KW50VG

Heating Capacity: 5.8 kW | Cooling Capacity: 5.0 kW

### MFZ-KW60VG

Heating Capacity: 6.5 kW | Cooling Capacity: 6.1 kW

## HYPERCORE<sup>®</sup>

### MFZ-KW50VGHZ

Heating Capacity: 5.8 kW | Cooling Capacity: 5.0 kW

### MFZ-KW60VGHZ

Heating Capacity: 6.5 kW | Cooling Capacity: 6.1 kW



## HYPERCORE

OPTIONAL  
**Wi-Fi**  
CONTROL

# Specifications

QUICK GLANCE	TYPE			Floor Console System													
	SERIES			RapidHeat KW Series										RapidHeat KW Series HyperCore			
	MODEL			MFZ-KW25		MFZ-KW35		MFZ-KW42		MFZ-KW50		MFZ-KW60		MFZ-KW50GHZ		MFZ-KW60GHZ	
	REFRIGERANT			R32													
	INDOOR UNIT			MFZ-KW25VG		MFZ-KW35VG		MFZ-KW42VG		MFZ-KW50VG		MFZ-KW60VG		MFZ-KW50VG		MFZ-KW60VG	
	OUTDOOR UNIT			MUFG-KW25VG		MUFG-KW35VG		MUFG-KW42VG		MUFG-KW50VG		MUFG-KW60VG		MUFG-KW50VGHZ		MUFG-KW60VGHZ	
	COOL			2.5kW 4.38 EER 20 dBA*		3.5kW 4.02 EER 20 dBA*		4.2kW 3.78 EER 20 dBA*		5.0kW 3.78 EER 27 dBA*		6.1kW 3.52 EER 27 dBA*		5.0kW 3.78 EER 27 dBA*		6.1kW 3.52 EER 27 dBA*	
	HEAT			3.4kW 4.35 COP 18 dBA*		4.3kW 3.77 COP 18 dBA*		5.4kW 3.77 COP 18 dBA*		5.8kW 3.79 COP 29 dBA*		6.5kW 3.45 COP 29 dBA*		5.8kW 3.79 COP 29 dBA*		6.5kW 3.45 COP 29 dBA*	
	ENERGY RATING*	Cold Zone – NZ		3.5	2.5	3.5	2.0	3.0	2.0	2.5	2.0	2.5	2.0	2.5	2.0	2.5	2.0
COOL	Capacity	Rated	[kW]	2.5		3.5		4.2		5.0		6.1		5.0		6.1	
		Min-Max	[kW]	0.7 - 3.4		0.7 - 3.8		0.7 - 5.0		1.0 - 5.7		1.0 - 6.5		1.0 - 5.7		1.0 - 6.5	
	Input	Rated	[kW]	0.57		0.87		1.11		1.32		1.73		1.32		1.73	
		EER		4.38		4.02		3.78		3.78		3.52		3.78		3.52	
	AEER			4.32		3.98		3.75		3.76		3.50		3.76		3.50	
	Star Rating			3.5		3.5		3.0		2.5		2.5		2.5		2.5	
	Indoor Sound Level	(Quiet)	[dBA]	20		20		20		27		27		27		27	
		(Low-SHi*)	[dBA]	26-32-38-44		26-32-38-44		28-36-43-51		31-35-39-44		35-39-46-53		31-35-39-44		35-39-46-53	
	Running Current (In+Out)		[A]	3.0		4.2		5.1		5.8		7.7		5.8		7.7	
Air Volume In (SHi*)		[L/s]	172		172		228		177		250		177		250		
HEAT	Capacity	Rated	[kW]	3.4		4.3		5.4		5.8		6.5		5.8		6.5	
		Min-Max	[kW]	0.23 - 4.6		0.23 - 6.0		0.23 - 6.7		1.2 - 8.2		1.2 - 8.8		1.2 - 8.4		1.2 - 9.0	
		@-15°C	[kW]	-		-		-		-		-		5.8		6.5	
	Input	Rated	[kW]	0.78		1.14		1.43		1.53		1.88		1.53		1.88	
		COP		4.35		3.77		3.77		3.79		3.45		3.79		3.45	
	ACOP			4.31		3.74		3.75		3.77		3.44		3.77		3.44	
	Star Rating			2.5		2.0		2.0		2.0		2.0		2.0		2.0	
	Indoor Sound Level	(Quiet)	[dBA]	18		18		18		29		29		29		29	
		(Low-SHi*)	[dBA]	25-31-38-44		25-31-38-44		27-36-44-51		35-40-45-50		35-41-47-51		35-40-45-50		35-41-47-51	
	Running Current (In+Out)		[A]	3.8		5.3		6.4		6.8		8.3		6.8		8.3	
	Air Volume In (SHi*)		[L/s]	173		173		235		233		243		233		243	
Controller	Standard			7-Day Programmable Controller													
	Optional Wired 7-Day Timer			Optional: PAR Controller (Interface Required)													
Wi-Fi				Optional MAC-568IF-E													
Power Supply	(Powered From Outdoor Unit)			230V / Single Phase / 50 Hz													
	Maximum Current		[A]	9.9		9.9		10.1		15.3		15.4		15.3		15.4	
Indoor	Dimensions (WxDxH)		[mm]	750 x 215 x 600													
	Weight		[kg]	15													
Outdoor	Dimensions (WxDxH)		[mm]	800 x 285 x 550						840 x 330 x 880							
	Weight		[kg]	35						54							
	Sound Level - SPL/Power (Cooling-Heating)		[dBA]	48-46 / 61-59		48-47 / 61-60		48-47 / 62-61		53-56 / 66-69		53-56 / 66-69		53-56 / 66-69		53-56 / 66-69	
Piping	Diameter (Liquid/Gas)		[mm]	6.35 / 9.52		6.35 / 9.52		6.35 / 9.52		6.35 / 12.7		6.35 / 12.7		6.35 / 12.7		6.35 / 12.7	
	Max. Length/Height†		[m]	20 / 12		20 / 12		20 / 12		30 / 15		30 / 15		30 / 15		30 / 15	
	Chargeless Piping Length		[m]	7		7		7		7		7		7		7	
Operation Range Outdoor	Cooling		[°C]	-10 / +46		-10 / +46		-10 / +46		-10 / +46		-10 / +46		-10 / +46		-10 / +46	
	Heating		[°C]	-15 / +24		-15 / +24		-15 / +24		-15 / +24		-15 / +24		-15 / +24		-25 / +24	
Indoor Unit Colour				White													

EER = Energy Efficiency Ratio  
COP = Coefficient of Performance  
AEER = Annual Energy Efficiency Ratio  
ACOP = Annual Coefficient of Performance

SPL = Sound Pressure Level  
\* SHi = Super High  
\* Low-SHi = Low-Medium-High-Super High  
\* SPL measured under rated operating frequency

\* Indoor Sound Levels rated at lowest fan speed.  
† Maximum length is inclusive of height differential i.e. Cooling: Indoor: 27°C DB, 19°C WB. Outdoor: 35°C DB (20/12) means the pipe can be 12m high and 8m across for a total length of 20m.  
Rating Conditions (AS / NZS 3823).  
Cooling: Indoor: 27°C DB, 19°C WB. Outdoor: 35°C DB  
Heating: Indoor: 20°C DB Outdoor: 7°C DB, 6°C WB.

\*Based on a 10 star Zone Energy Rating Label.

