

RapidHeat KW Floor Consoles

New Zealand's Quietest Floor Console*



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

Unparalleled Heating Performance in the Shortest Amount of Time

RapidHeat KW Series



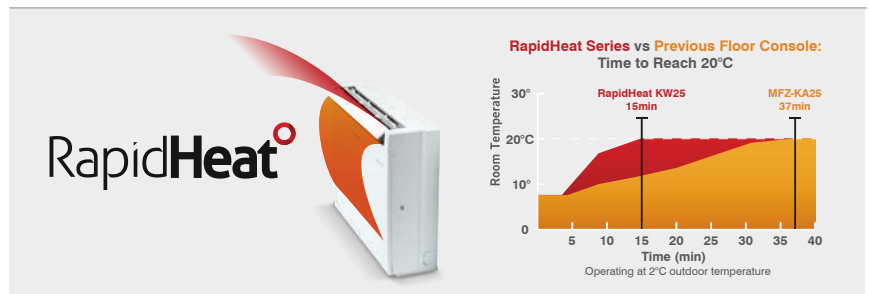
New Zealand's quietest floor consoles* feature a contemporary slimline design and dramatically reduced depth. RapidHeat Floor Consoles are the perfect solution for unobtrusive heating at floor level. New advanced sensors with Intuitive Control Logic Technology offer unparalleled low temperature heating 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

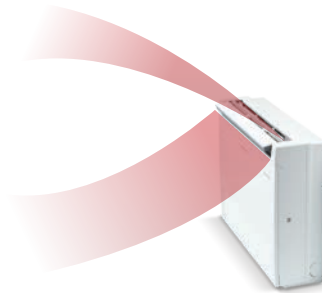


With a global warming potential that is 30% lower compared to older refrigerants such as R410A, next-generation R32 refrigerant has a much lower environmental impact. Furthermore, zero ozone depleting R32 is easier to reuse and recycle.

*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

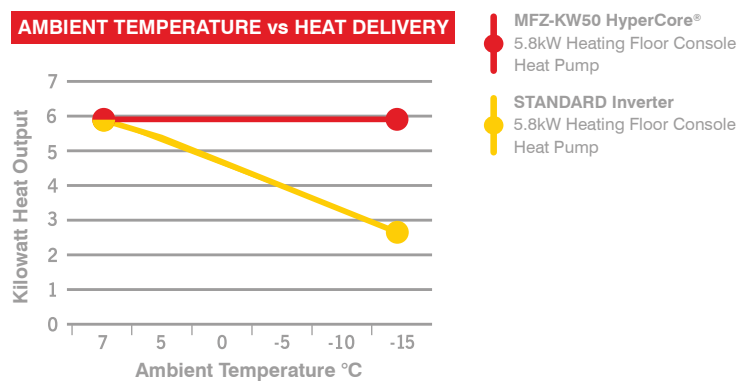


The RapidHeat Floor Consoles feature a built-in weekly timer, allowing you to program up to four time and temperature settings for each day of the week. You can now return to comfort without having to manually adjust the temperature. Perfect for anyone with a busy lifestyle, the 7-Day Controller is a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

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-KW50HZ	MFZ-KW60HZ														
	REFRIGERANT		R32																				
INDOOR UNIT		MFZ-KW25VG	MFZ-KW35VG	MFZ-KW42VG	MFZ-KW50VG	MFZ-KW60VG	MFZ-KW50VG	MFZ-KW60VG															
OUTDOOR UNIT		MUFZ-KW25VG	MUFZ-KW35VG	MUFZ-KW42VG	MUFZ-KW50VG	MUFZ-KW60VG	MUFZ-KW50VGHZ	MUFZ-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	
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														
Piping	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	53-56 / 66-69													
	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	6.35 / 12.7													
	Max. Length/Height†	[m]	20 / 12	20 / 12	20 / 12	30 / 15	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	-10/+46													
	Heating	[°C]	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24	-15/+24	-25/+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).
 Heating: Indoor: 20°C DB Outdoor: 7°C DB, 6°C WB.

*Based on a 10 star Zone Energy Rating Label.



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