

RapidHeat KJ Floor Console

For Superior Heating up to Twice as Fast*



**Compared to our previous model*

RapidHeat[®] Series

Floor Consoles



GOOD DESIGN
AWARD 2014

New Zealand's quietest floor consoles* feature a new 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.



Dimensions (WxDxH): 750 x 215 x 600mm



MFZ-KJ25VE

Heating Capacity: 3.4 kW (min 1.2kW~max 4.6kW)
Heating Efficiency – COP: 4.42 / ACOP: 4.42
Cooling Capacity: 2.5 kW (min 0.5kW~max 3.4kW)
Cooling Efficiency – EER: 4.84 / AEER: 4.84



MFZ-KJ35VE

Heating Capacity: 4.3 kW (min 1.2kW~max 5.8kW)
Heating Efficiency – COP: 3.80 / ACOP: 3.80
Cooling Capacity: 3.5 kW (min 0.5kW~max 3.7kW)
Cooling Efficiency – EER: 3.83 / AEER: 3.83



MFZ-KJ50VE

Heating Capacity: 5.8 kW (min 2.2kW~max 8.2kW)
Heating Efficiency – COP: 3.83 / ACOP: 3.83
Cooling Capacity: 5.0 kW (min 1.6kW~max 5.7kW)
Cooling Efficiency – EER: 3.57 / AEER: 3.57

MFZ-KJ60VE

Heating Capacity: 6.8 kW (min 2.2kW~max 9.1kW)
Heating Efficiency – COP: 3.59 / ACOP: 3.59
Cooling Capacity: 6.0 kW (min 1.6kW~max 6.8kW)
Cooling Efficiency – EER: 3.46 / AEER: 3.46

HYPERCORE[®] Option

Fact – HyperCore[®] is still the only heat pump in New Zealand guaranteed to produce its fully rated heating capacity right down to -15°C. With the best low temperature performance, HyperCore[®] Heat Pumps ensure your room heats up fast and stays warm when you need it most. For more information on HyperCore[®] see www.mitsubishi-electric.co.nz



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

Control your heat pump from anywhere with the award-winning Mitsubishi Electric Wi-Fi Control! To learn more about Wi-Fi Control, visit www.mitsubishi-electric.co.nz/wifi

RapidHeat Floor Console Features



3 Energy Star[®] Awarded
Models KJ25/35/50



RapidHeat Technology



Multi Vane Airflow



NZ's Quietest Floor Console*



Anti-Allergy Enzyme Filter



7-Day Programmable
Controller



HyperCore[®] Option



Nano Platinum Filter



Optional Wi-Fi Control



Low Standby Power Usage
0.6W

*MFZ-KJ25/35 indoor sound level on lowest fan speed.



RapidHeat Technology

INDUSTRY FIRST

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 heat up to twice as fast compared to our previous model.

NZ's Quietest Floor Consoles

INDUSTRY FIRST

Starting at barely a whisper, Mitsubishi Electric RapidHeat Floor Consoles are New Zealand's quietest floor console heat pumps starting from just 19dBA*. 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.

*MFZ-KJ 25/35 indoor sound level.

Multi Vane Flow – Even Heat Distribution

INDUSTRY FIRST

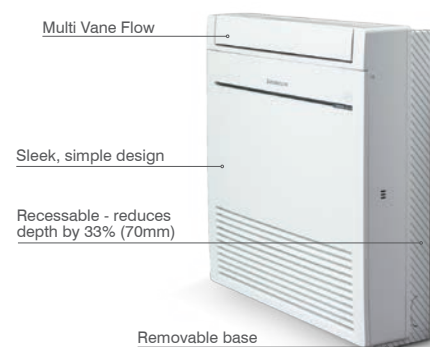
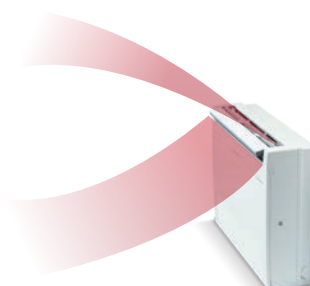
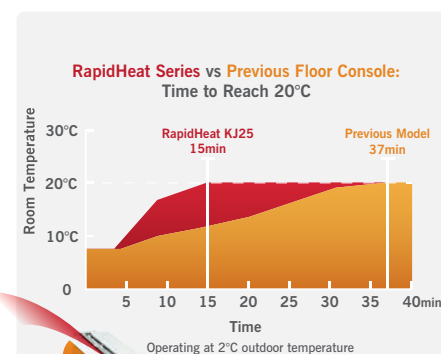
The Multi Vane Flow function blows warm air in both an upward and downward direction providing fast, even and effective heating whilst also reducing draughts. This is achieved via three uniquely shaped vanes that are designed for better airflow control and also provide the freedom to be customised to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

Sleek, Sophisticated Design









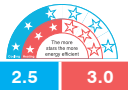

Mitsubishi Electric RapidHeat Floor Consoles feature a new contemporary design that can be recessed into your wall to dramatically reduce the depth of the indoor unit from 215mm to 145mm – a decrease of 33%. With the addition of a removable base, it is the perfect solution offering compact, unobtrusive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

High Energy Efficiency

The Energy Star® mark is awarded to the most energy efficient heat pumps available in New Zealand. Our RapidHeat Series Floor Consoles (KJ25/35/50) have been awarded the Energy Star® mark, signalling they meet strict energy efficiency standards and have better performance all year round.



Specifications

QUICK GLANCE	TYPE			Floor Console Heat Pumps									
	SERIES			RapidHeat Series						RapidHeat HyperCore® Series			
	MODEL			MFZ-KJ25	MFZ-KJ35	MFZ-KJ50	MFZ-KJ60	MFZ-KJ50VEHZ	MFZ-KJ60VEHZ				
	INDOOR UNIT			MFZ-KJ25VE	MFZ-KJ35VE	MFZ-KJ50VE	MFZ-KJ60VE	MFZ-KJ50VE	MFZ-KJ60VE				
	OUTDOOR UNIT			MUFZ-KJ25VE	MUFZ-KJ35VE	MUFZ-KJ50VE	MUFZ-KJ60VE	MUFZ-KJ50VEHZ	MUFZ-KJ60VEHZ				
	COOL			2.5kW 4.84 EER 20 dBA*	3.5kW 3.83 EER 20 dBA*	5.0kW 3.57 EER 27 dBA*	6.0kW 3.46 EER 27 dBA*	5.0kW 3.56 EER 27 dBA*	6.0kW 3.49 EER 27 dBA*				
	HEAT			3.4kW 4.42 COP 19 dBA*	4.3kW 3.80 COP 19 dBA*	5.8kW 3.83 COP 29 dBA*	6.8kW 3.59 COP 29 dBA	5.8kW 3.93 COP 29 dBA*	6.8kW 3.65 COP 29 dBA*				
ENERGY STAR®													
ENERGY RATING													
COOL	Capacity	Rated	[kW]	2.5	3.5	5.0	6.0	5.0	6.0				
		Min.- Max.	[kW]	0.5 - 3.4	0.5 - 3.7	1.6 - 5.7	1.6 - 6.8	1.6 - 5.7	1.6 - 6.8				
	Input	Rated	[kW]	0.54	0.90	1.4	1.75	1.4	1.75				
	EER			4.84	3.83	3.57	3.46	3.56	3.49				
	AEER			4.84	3.83	3.57	3.46	3.56	3.49				
	Star Rating			5.0	3.0	2.5	2.0	2.5	2.0				
	Indoor Sound Level	(Quiet)	[dBA]	20	20	27	27	27	27				
		(Low-SHi¹)	[dBA]	25-30-35-39	25-30-35-39	31-35-39-44	35-39-46-53	31-35-39-44	35-39-46-53				
	Running Current (In+Out)		[A]	2.7	4.2	6.2	7.8	6.2	7.8				
	Max. Current		[A]	9.4	9.4	14	16.5	14	16.5				
Air Volume In (SHi²)		[L/s]	137	137	177	250	177	250					
HEAT	Capacity	Rated	[kW]	3.4	4.3	5.8	6.8	5.8	6.8				
		Min.- Max.	[kW]	1.2 - 4.6	1.2 - 5.8	2.2 - 8.2	2.2 - 9.1	2.2 - 8.4	2.2-9.1				
		@ -15 °C	[kW]	**	**	**	**	5.8	6.8				
	Input	Rated	[kW]	0.77	1.10	1.5	1.89	1.5	1.89				
	COP			4.42	3.80	3.83	3.59	3.93	3.65				
	ACOP			4.42	3.80	3.83	3.59	3.93	3.65				
	Star Rating			4.0	3.0	3.0	2.5	3.0	2.5				
	Indoor Sound Level	(Quiet)	[dBA]	19	19	29	29	29	29				
		(Low-SHi¹)	[dBA]	25-30-35-41	25-30-35-41	35-40-45-50	35-41-47-51	35-40-45-50	35-41-47-51				
	Running Current (In+Out)		[A]	3.7	5.0	6.7	8.4	6.7	8.4				
Max. Current		[A]	9.4	9.4	14	16.5	14	16.5					
Air Volume In (SHi²)		[L/s]	162	162	233	243	233	243					
Controller	Standard			Infrared Remote with 7-Day Timer									
	Optional Wired 7-Day Timer			Optional: PAR-31 (Interface Required)									
Adaptor	Optional Wi-Fi Adaptor			Optional: MAC-559IF-E									
Power Supply	(Powered from Outdoor Unit)			230 / Single Phase / 50 Hz									
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		840 x 330 x 880				
	Weight		[kg]	37			55		55				
	Sound Level - SPL³ (Cooling-Heating)		[dBA]	46-51	47-60	49-63	52-65	49-63	52-65				
Piping	Diameter (Liquid/Gas)		[mm]	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/Height⁴		[m]	20 / 12	20 / 12	30 / 15	30 / 15	30 / 15	30 / 15				
	Chargeless Piping Length		[m]	7	7	7	7	7	7				
Operation Range Outdoor	Cooling		[°C]	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46				
	Heating		[°C]	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-25 / +24	-25 / +24				
Colour				White									



www.mitsubishi-electric.co.nz

EER = Energy Efficiency Ratio
COP = Coefficient of Performance
AEER = Annual Energy Efficiency Ratio
ACOP = Annual Coefficient of Performance
* Sound levels rated at lowest fan speed

** Refer to Technical Manual.
¹ Low-SHi = Low/Medium/High/Super High
² SHi = Super High
³ SPL = Sound Pressure Level measured under rated operating frequency

⁴ Maximum length is inclusive of height differential. i.e. (20/12) means the pipe can be 12m high and 8m across for a total length of 20m
Rating Conditions (AS/NZS 3823)

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For more information on Mitsubishi Electric Heat Pumps, please call our customer service team on **0800 784 382**

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