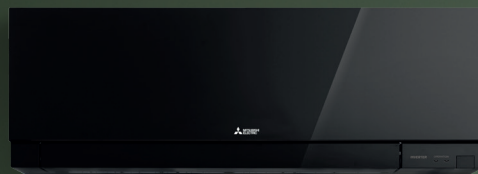
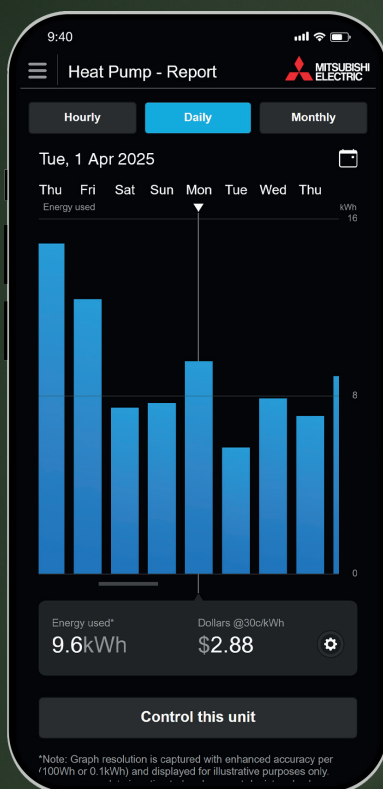


EF Designer Smart^{Wi-Fi} Series

Make a Real Style Statement



Beauty and brains
– you can have it all!



New Zealand's Most Trusted Heat Pump

EF Designer Smart Series



The EF Designer Smart Series features exceptional energy efficiency and Built-in Wi-Fi Control Energy Monitoring for total control over your power use. Elegant and slimline in design, these heat pumps are available in a choice of colours including Rich Black Diamond, Matte Silver or Pure White – so you can truly reflect your interior design style.



The heat pump that knows best. No more wasted energy ... just perfect comfort!

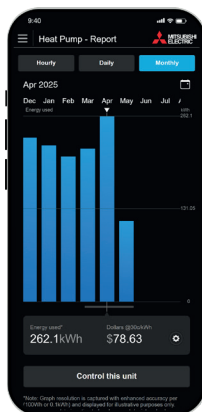
Built-in Wi-Fi Control Energy Monitoring

Did you know a 1 degree change in temperature can reduce energy use by up to 10%? Mitsubishi Electric Wi-Fi Control with Energy Monitoring truly puts the power in your hands. Now you have the visibility to make more energy efficient choices when heating and cooling your home – no matter where you are.

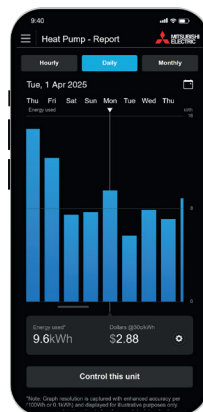
Smart Monitoring for Efficient Heating and Cooling All Year Round

Using the Mitsubishi Electric Wi-Fi Control App, you can see at a glance on a monthly, daily and even hourly basis what the indicative energy consumption (kWh) and the indicative energy costs of running your heat pump looks like in dollars (\$).

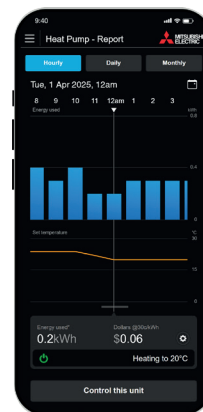
View Energy Usage by Month, Day or Hour



View by Month



View by Day



View by Hour

Never Return to a Cold Home Again with Wi-Fi Control

Pre-heat or cool a room no matter where you are. With Wi-Fi Control you'll always arrive home to total comfort.

7-Day Programmable Controller

The built-in weekly timer allows you to program up to four time and temperature settings for each day of the week.



Designer Smart

Why Limit Yourself to One Colour When You Can Choose from Three?

One of the most rewarding aspects of interior design is being able to inject your own design personality through colour selection and accessorising. The Designer Smart Series takes this to the next level. Available in a range of contemporary colours including Pure White, Matte Silver and Rich Black Diamond – now you can blend in or stand out so you can truly reflect your interior design style.



Dimensions (WxDxH): 885 x 195 x 299mm

MSZ-EF25VGKDW/B/S

Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

MSZ-EF35VGKDW/B/S

Heating Capacity: 4.0 kW | Cooling Capacity: 3.5 kW

MSZ-EF42VGKDW/B/S

Heating Capacity: 5.4 kW | Cooling Capacity: 4.2 kW

MSZ-EF50VGKDW/B/S

Heating Capacity: 5.8 kW | Cooling Capacity: 5.0 kW



reddot design award

The Designer Smart Range with its distinctive contemporary, slim-line profile has been awarded the Prestigious Reddot Design Award 2015 in recognition for outstanding design quality. The international jury only confers this sought-after seal of quality to products that set themselves apart significantly from comparable products thanks to their excellent design.

Energy Efficient EcoCore Inverter Technology



Superior energy efficiency is achieved by incorporating a large, high density heat exchanger, an advanced high efficiency fan motor and a next-generation inverter compressor that uses more efficient R32 refrigerant.

Blue Fin Coating – Built to Withstand the Elements



The heat exchanger of the outdoor unit has been treated with Blue Fin Anti-Corrosion Treatment, slowing the corrosion process caused by salt and sulphur in the air especially in coastal and high sulphur areas.

Quiet Operation



The Designer Smart Series indoor units feature Silent Mode. When selected, this fan speed setting provides very quiet operation from as low as 19dBA* making the range ideal for bedrooms.

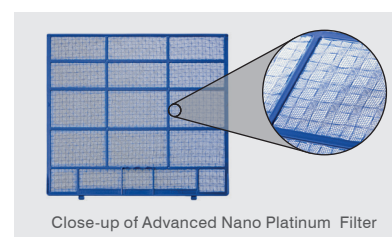
Advanced Nano Platinum Filter



The extra-large, washable 3D filter surface incorporates nanometre-sized platinum-ceramic particles designed to effectively collect fine dust particles, deodorise the air and eliminate bacteria at the same time. This level of advanced filtration is better at the collection of dust in comparison to conventional filters.

ECOCORE®

from
19dBA*



Close-up of Advanced Nano Platinum Filter

*EF25 indoor sound level on lowest fan setting in Cooling Mode.

EF Designer Smart Series Specifications

QUICK GLANCE	TYPE			High Wall System							
	SERIES			EF Designer Smart Series							
	MODEL			MSZ-EF25		MSZ-EF35		MSZ-EF42		MSZ-EF50	
	REFRIGERANT			R32							
	INDOOR UNIT			MSZ-EF25VGKD		MSZ-EF35VGKD		MSZ-EF42VGKD		MSZ-EF50VGKD	
	OUTDOOR UNIT			MUZ-EF25VGD		MUZ-EF35VGD		MUZ-EF42VGD		MUZ-EF50VGD	
	COOL			2.5kW 4.63 EER 19 dBA*		3.5kW 3.85 EER 21 dBA*		4.2kW 3.50 EER 28 dBA*		5.0kW 3.23 EER 30 dBA*	
	HEAT			3.2kW 4.57 COP 21 dBA*		4.0kW 4.21 COP 21 dBA*		5.4kW 3.71 COP 28 dBA*		5.8kW 3.72 COP 30 dBA*	
	ZERL STAR RATINGS	(NZ) Cold Area	4.0	2.5	3.5	2.0	3.0	2.0	3.0	2.0	
		Avg Area†	4.0	2.5	3.5	2.5	3.0	2.5	3.0	2.5	
Hot Area‡		4.5	3.0	3.5	3.0	3.0	3.0	3.0	2.5		

COOL	Capacity	Rated	[kW]	2.5		3.5		4.2		5.0	
		Min-Max	[kW]	0.9 - 3.4		1.1 - 4.0		0.9 - 4.6		1.4 - 5.4	
	Total Input	Rated	[kW]	0.54		0.91		1.20		1.55	
	EER/AEER			4.63 / 4.60		3.85 / 3.83		3.50 / 3.49		3.23 / 3.22	
	Indoor Sound Level	Quiet	[dBA]	19		21		28		30	
		Low-SHi²	[dBA]	23–29–36–42		24–30–36–42		31–35–39–43		33-36-40-43	
	Running Current (Rated)		[A]	3.0		4.2		5.4		6.9	
	Air Volume In (SHi¹)		[L/s]	175		175		187		188	

HEAT	Capacity	Rated	[kW]	3.2		4.0		5.4		5.8	
		Min-Max	[kW]	1.0–4.2		1.3–5.1		1.3–6.3		1.4–7.5	
		@-15°C	[kW]	-		-		-		-	
	Total Input	Rated	[kW]	0.70		0.95		1.46		1.56	
	COP / ACOP			4.57 / 4.55		4.21 / 4.20		3.71 / 3.70		3.72 / 3.71	
	Indoor Sound Level	Quiet	[dBA]	21		21		28		30	
		Low-SHi²	[dBA]	24-29-37-45		24-30-38-46		30-35-41-48		33-37-43-49	
	Running Current (Rated)		[A]	3.5		4.4		6.5		7.1	
Air Volume In (SHi¹)		[L/s]	198		212		220		243		

Controller	Standard			7-Day Programmable Controller							
	Optional Wired 7-Day Timer			Optional: PAR Controller (Interface Required)							
Wi-Fi				Built-in with Energy Monitoring							
Power Supply	(Powered From Outdoor Unit)			230 V / Single Phase / 50 Hz							
	Maximum Current		[A]	7.1		7.1		10.0		14.0	
Indoor	Dimensions (WxDxH)		[mm]	885 x 195 x 299							
	Weight		[kg]	11.5							
Outdoor	Dimensions (WxDxH)		[mm]	800 x 285 x 550					800 x 285 x 714		
	Weight		[kg]	31		34		35		40	
	Sound Level - SPL³/Power (Cooling-Heating)		[dBA]	47-48 / 58-61		49-50 / 62-63		50-51 / 62-64		52-52 / 65-65	
Piping	Diameter (Liquid/Gas)		[mm]	6.35 / 9.52		6.35 / 9.52		6.35 / 9.52		6.35 / 9.52	
	Max. Length/Height†		[m]	20 / 12		20 / 12		20 / 12		30 / 15	
	Chargeless Piping Length		[m]	7		7		7		7	
Operation Range Outdoor	Cooling		[°C]	-10 / 46		-10 / 46		-10 / 46		-10 / 46	
	Heating		[°C]	-15 / 24		-15 / 24		-15 / 24		-15 / 24	
Indoor Unit Colour				Black Diamond / Matte Silver / Pure White							

ZERL = Zoned Energy Rating Label
 EER = Energy Efficiency Ratio
 COP = Coefficient of Performance
 AEER = Annual Energy Efficiency Ratio
 ACOP = Annual Coefficient of Performance
 SPL = Sound Pressure Level
 ¹ SHi = Super High
 ² Low-SHi = Low-Medium-High-Super High
 ³ SPL measured under rated operating frequency

* Indoor Sound Levels rated at lowest fan speed.
 † 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.
 ‡ Avg/Hot are Australia only.
 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.



Learn more about the Designer Smart Series

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For more information please visit our website or call our Customer Service Team.

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