

# Designer Series EF High Wall

Colour – Now There is a Choice



Reflect Your Design Personality with a Style Statement

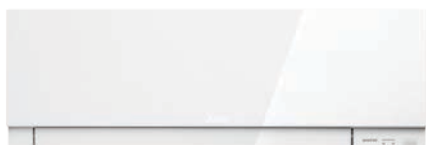
# Designer Series

## High Wall Heat Pumps



reddot design award  
winner 2015

The Designer Series combines exceptional energy efficiency with award-winning aesthetics. The elegant, slimline design is available in a range of colours including Glossy White, Matte Silver or Rich Black Diamond – so you can truly reflect your design personality.



### MSZ-EF25VE2W/B/S

Heating Capacity: 3.2 kW (min 1.1kW~max 4.2kW)  
Heating Efficiency – COP: 4.59 / ACOP: 4.57

Cooling Capacity: 2.5 kW (min 1.2kW~max 3.4kW)  
Cooling Efficiency – EER: 4.58 / AEER: 4.55



### MSZ-EF35VE2W/B/S

Heating Capacity: 4.0 kW (min 1.8kW~max 5.5kW)  
Heating Efficiency – COP: 4.31 / ACOP: 4.29

Cooling Capacity: 3.5 kW (min 1.4kW~max 4.0kW)  
Cooling Efficiency – EER: 3.91 / AEER: 3.89



Dimensions (WxDxH): 885 x 195 x 299mm

### MSZ-EF42VE2W/B/S

Heating Capacity: 5.4 kW (min 1.4kW~max 6.3kW)  
Heating Efficiency – COP: 3.82 / ACOP: 3.81

Cooling Capacity: 4.2 kW (min 0.9kW~max 4.6kW)  
Cooling Efficiency – EER: 3.29 / AEER: 3.28

### MSZ-EF50VE2W/B/S

Heating Capacity: 5.8 kW (min 1.6kW~max 7.5kW)  
Heating Efficiency – COP: 3.55 / ACOP: 3.55

Cooling Capacity: 5.0 kW (min 1.4kW~max 5.4kW)  
Cooling Efficiency – EER: 3.11 / AEER: 3.11



Longest running cross-flow fan air conditioner brand  
49 years and 258 days  
\*This record was certified on 27 June 2017



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 this optional upgrade visit

[www.mitsubishi-electric.co.nz/wifi](http://www.mitsubishi-electric.co.nz/wifi)

## Designer Series High Wall Heat Pump Features



Low Temperature Performance  
Down to -15°C



Nano Platinum Filter



7-Day Programmable  
Controller



Whisper Quiet Operation



Electrostatic Anti-Allergy  
Enzyme Filter Optional



Optional Wi-Fi Control



Low Standby Power Usage  
1W



Stylish Flat Panel Design



Auto Change Over Function



Red Dot Design Award  
Winner 2015



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## Quiet Operation

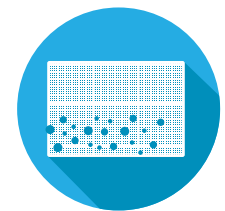
Designer Series indoor units feature Silent Mode – a fan speed setting that provides quiet operation as low as 21dBA. This means that you will feel the warmth, not hear it.



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## Advanced Filtration

Designer Series Heat Pumps offer two types of filters. The Nano Platinum Filter not only improves air quality but also reduces airborne bacteria. The optional Electrostatic Anti-Allergy Enzyme Filter effectively combats common allergens.



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## Red Dot Design Award

The Designer Series, with its contemporary slimline profile, has been awarded the prestigious Red Dot 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.



**reddot design award**  
winner 2015







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## 7-Day Programmable Controller

All Designer Series Heat Pumps 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.



# Specifications

QUICK GLANCE	TYPE			High Wall Heat Pumps				
	SERIES			Designer Series				
	MODEL			MSZ-EF25	MSZ-EF35	MSZ-EF42	MSZ-EF50	
	INDOOR UNIT			MSZ-EF25VE2W/B/S	MSZ-EF35VE2W/B/S	MSZ-EF42VE2W/B/S	MSZ-EF50VE2W/B/S	
	OUTDOOR UNIT			MUZ-EF25VE	MUZ-EF35VE	MUZ-EF42VE	MUZ-EF50VE	
				The room that's your energy partner				
COOL	<b>COOL</b>			<b>2.5kW</b> 4.58 EER 21 dBA*	<b>3.5kW</b> 3.91 EER 21 dBA*	<b>4.2kW</b> 3.29 EER 28 dBA*	<b>5.0kW</b> 3.11 EER 30 dBA*	
	<b>HEAT</b>			<b>3.2kW</b> 4.59 COP 21 dBA*	<b>4.0kW</b> 4.31 COP 21 dBA*	<b>5.4kW</b> 3.82 COP 28 dBA*	<b>5.8kW</b> 3.55 COP 30 dBA*	
ENERGY RATING			 4.5	 4.5	 3.0	 4.0	 2.0	 2.5
COOL	Capacity	Rated	[kW]	2.5	3.5	4.2	5.0	
		Min.- Max.	[kW]	1.2 - 3.4	1.4 - 4.0	0.9 - 4.6	1.4 - 5.4	
	Input	Rated	[kW]	0.55	0.91	1.28	1.56	
	EER			4.58	3.91	3.29	3.11	
	AEER			4.55	3.89	3.28	3.11	
	Star Rating			4.5	3.0	2.0	1.5	
	Indoor Sound Level	(Quiet)	[dBA]	21	21	28	30	
		(Low-SHi <sup>1</sup> )	[dBA]	23-29-36-42	24-29-36-42	31-35-39-42	33-36-40-43	
	Running Current (In+Out)			[A]	2.9	4.2	5.7	6.9
	Max. Current			[A]	7.3	8.5	9.5	12.4
Air Volume In (SHi <sup>2</sup> )			[L/s]	175	175	172	183	
HEAT	Capacity	Rated	[kW]	3.2	4.0	5.4	5.8	
		Min.- Max. @ -15°C	[kW]	**	**	**	**	
	Input	Rated	[kW]	0.70	0.96	1.46	1.57	
	COP			4.59	4.31	3.82	3.55	
	ACOP			4.57	4.29	3.81	3.55	
	Star Rating			4.5	4.0	2.5	2.5	
	Indoor Sound Level	(Quiet)	[dBA]	21	21	28	30	
		(Low-SHi <sup>1</sup> )	[dBA]	24-29-37-45	24-30-38-46	30-35-41-48	33-37-43-49	
	Running Current (In+Out)			[A]	3.5	4.4	6.5	7.0
	Max. Current			[A]	7.3	8.5	9.5	12.4
Air Volume In (SHi <sup>2</sup> )			[L/s]	198	212	212	220	
Controller	Standard			7-Day Programmable Controller				
	Optional Wired 7-Day Timer			Optional: PAR-31 (Interface Required)				
Interface	Optional Wi-Fi Interface			Optional: MAC-568IF-E				
Power Supply	(Powered from Outdoor Unit)			230 / Single Phase / 50 Hz				
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 550	800 x 285 x 550	840 x 330 x 880	
	Weight		[kg]	30	35	35	54	
	Sound Level - SPL <sup>3</sup> (Cooling-Heating)		[dBA]	47-48	49-50	50-51	52-52	
Piping	Diameter (Liquid/Gas)		[mm]	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	
	Max. Length/Height <sup>4</sup>		[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	
Colour	White, Silver, Black							



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.  
<sup>1</sup> Low-SHi = Low/Medium/High/Super High  
<sup>2</sup> SHi = Super High  
<sup>3</sup> SPL = Sound Pressure Level measured under rated operating frequency

<sup>4</sup> 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 visit [www.mitsubishi-electric.co.nz](http://www.mitsubishi-electric.co.nz) or call our Customer Service Team on **0800 784 382**

All models, features and specifications are subject to change and amendment at anytime. Printed January 2019.



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