

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

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



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Winner 2015



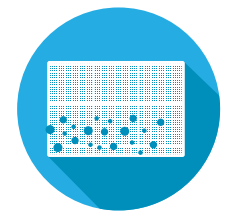
Quiet Operation

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.



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.



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

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				
				COOL		HEAT					
			2.5kW	3.5kW	4.2kW	5.0kW					
			4.58 EER	3.91 EER	3.29 EER	3.11 EER					
			21 dBA*	21 dBA*	28 dBA*	30 dBA*					
			3.2kW	4.0kW	5.4kW	5.8kW					
			4.59 COP	4.31 COP	3.82 COP	3.55 COP					
			21 dBA*	21 dBA*	28 dBA*	30 dBA*					
			4.5	4.5	3.0	4.0	2.0	2.5	1.5	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 ¹)	[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 ²)		[L/s]	175	175	172	183					
HEAT	Capacity	Rated	[kW]	3.2	4.0	5.4	5.8				
		Min.- Max.	[kW]	1.1 - 4.2	1.8 - 5.5	1.4 - 6.3	1.6 - 7.5				
		@ -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 ¹)	[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 ²)		[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 ³ (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 ⁴		[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.
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 visit 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.