

Designer Series EF High Wall

Colour - Now There is a Choice



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.



Dimensions (WxDxH): 885 x 195 x 299mm



MSZ-EF25VE2W/B/S

Heating Capacity: 3.2 kW (min 1.1kW~max 4.2kW)
Heating Efficiency – COP: 4.58 / ACOP: 4.56
Cooling Capacity: 2.5 kW (min 1.2kW~max 3.4kW)
Cooling Efficiency – EER: 4.57 / AEER: 4.55

MSZ-EF42VE2W/B/S

Heating Capacity: 5.4 kW (min 1.4kW~max 6.3kW)
Heating Efficiency – COP: 3.81 / ACOP: 3.80
Cooling Capacity: 4.2 kW (min 0.9kW~max 4.6kW)
Cooling Efficiency – EER: 3.29 / AEER: 3.28



MSZ-EF35VE2W/B/S

Heating Capacity: 4.0 kW (min 1.8kW~max 5.5kW)
Heating Efficiency – COP: 4.30 / ACOP: 4.29
Cooling Capacity: 3.5 kW (min 1.4kW~max 4.0kW)
Cooling Efficiency – EER: 3.90 / AEER: 3.89

MSZ-EF50VE2W/B/S

Heating Capacity: 5.8 kW (min 1.6kW~max 7.5kW)
Heating Efficiency – COP: 3.55 / ACOP: 3.54
Cooling Capacity: 5.0 kW (min 1.4kW~max 5.4kW)
Cooling Efficiency – EER: 3.11 / AEER: 3.10

New Look

Phased introduction from November 2016 onwards. Please speak to your local installer to confirm exterior look.



OPTIONAL UPGRADE

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

Designer Series High Wall Heat Pump Features



2 Energy Star® Awarded
Models EF25/35



Low Temperature Performance
Down to -15°C



Whisper Quiet Operation



Low Standby Power Usage
1W



Nano Platinum Filter



Electrostatic Anti-Allergy
Enzyme Filter Optional



Stylish Flat Panel Design



Red Dot Design Award
Winner 2015



Auto Change Over Function



7-Day Programmable
Controller



Optional Wi-Fi Control



Energy Star®

The Energy Star® mark is awarded to the most energy efficient heat pumps available in New Zealand, which means better performance all winter long. Our Designer Series models (EF25/35) have been awarded the Energy Star® mark, signalling they meet strict energy efficiency standards.



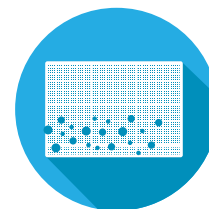
Quiet Operation

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			2.5kW 4.57 EER 21 dBA*		3.5kW 3.90 EER 21 dBA*		4.2kW 3.29 EER 28 dBA*		5.0kW 3.11 EER 30 dBA*	
	HEAT			3.2kW 4.58 COP 21 dBA*		4.0kW 4.30 COP 21 dBA*		5.4kW 3.81 COP 28 dBA*		5.8kW 3.55 COP 30 dBA*	
	ENERGY STAR®										
	ENERGY RATING										
				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			4.57		3.90		3.29		3.11	
	AEER			4.55		3.89		3.28		3.10	
	Star Rating			4.5		3.0		2.0		1.5	
	Indoor Sound Level	(Quiet)	[dBA]	21		21		28		30	
		(Low-SHi¹)	[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 (SHi²)			[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			4.58		4.30		3.81		3.55	
	ACOP			4.56		4.29		3.80		3.54	
	Star Rating			4.5		4.0		2.5		2.5	
	Indoor Sound Level	(Quiet)	[dBA]	21		21		28		30	
		(Low-SHi¹)	[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 (SHi²)			[L/s]	198		212		212		220	
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]	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 - SPL³ (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/Height⁴		[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							



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)

Black Diamond Technologies Limited

Exclusive distributor of Mitsubishi Electric products in New Zealand

WELLINGTON HEAD OFFICE

1 Parliament Street
PO Box 30772, Lower Hutt 5040
Phone (04) 560 9147 · Fax (04) 560 9133

AUCKLAND BRANCH

Unit 1, 4 Walls Road
PO Box 12726, Penrose, Auckland 1642
Phone (09) 526 9347 · Fax (09) 526 9369

CHRISTCHURCH BRANCH

44 Halwyn Drive
PO Box 16904, Hornby, Christchurch 8441
Phone (03) 341 2837 · Fax (03) 341 2838

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

May 2017