



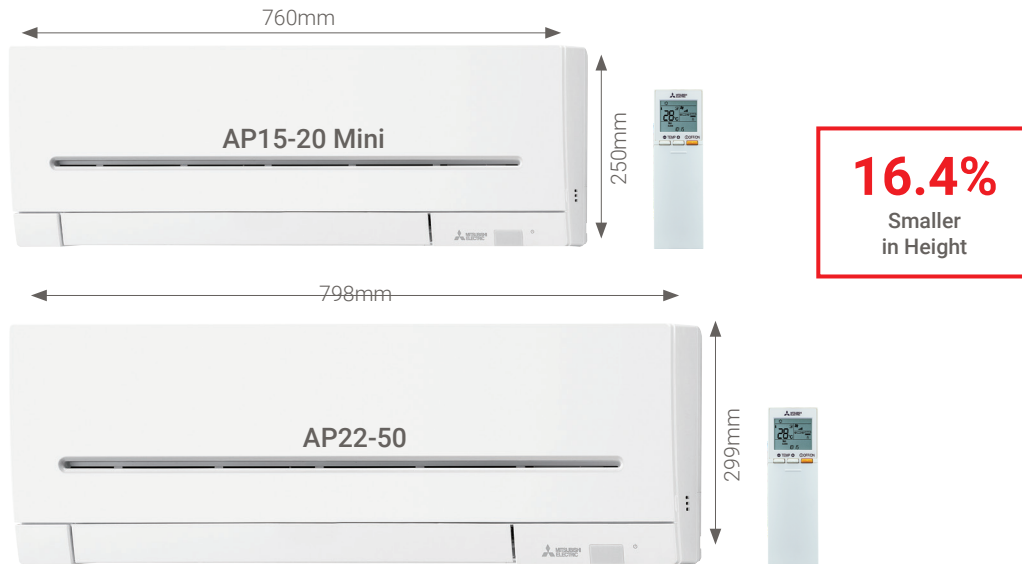
# AP Mini Series

The Smallest Wall Mounted  
Indoor Units



# AP Mini Series

## Perfect for Bedrooms and Home Offices



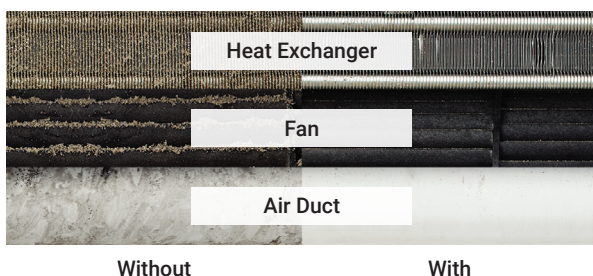
Mitsubishi Electric releases the AP Mini Series (MSZ-AP15\* and MSZ-AP20), an ultra-compact design, the smallest dimensional units available in the market. The footprint is specially designed for where space is at a premium (250mm (h) x 760mm (w)), making it suitable for placement in bedrooms and home offices over doorways/windows or in limited spaces. Smaller rooms do not need to miss out on year-round comfort anymore.

- Capacity Range: 1.5\*/2.0kW
- Unit Dimensions: 760 (w) x 178 (d) x 250mm (h)
- Colour: Natural White

\*AP15 (1.5kW) available for multi split connection only.

### Dual Barrier Coating

The AP Mini Series has an advanced Dual Barrier Coating on its heat exchanger and facial surfaces that reduces dust and greasy dirt from adhering to it. This not only helps the unit stay cleaner for longer but also makes cleaning the unit easier. The image shows a simulated comparison of dirt over 10 years, with and without Dual Barrier Coating.







## Small Enough to Fit Above Doorways

With a 16.4 percent reduction in height and a 5 percent reduction in width compared to the AP-22-50 models, they can be installed in smaller spaces, previously not achievable; such as over doorways.

## Night Mode

Selecting the Night Mode option from the remote control sets the air conditioner for increased comfort at night; reduced LED brightness, disabling beeps and reducing the noise levels of the outdoor unit by 3dB.

## R32

R32 enables increased energy efficiency compared to R410A, with just one third of the global warming potential, the risk of environmental harm is greatly reduced.

## Wi-Fi Control\*1

Unlock the door to smarter heating and cooling systems, for total home comfort. This innovative technology connects your Mitsubishi Electric air conditioner to your smartphone, tablet or online account, giving you the freedom to fully control each unit on-the-go via an internet connection from anywhere in the world.

\*1 Optional Wi-Fi adapter required per unit.

Requires an internet connection and the App downloaded on your smartphone or tablet with the latest operating system available.

\*2 To use Amazon Alexa to control your air conditioner you will need an Amazon Alexa Echo device.

\*3 To use Google Assistant to control your air conditioner you will need a Google Home Smart speaker.



# Product Specifications

MSZ-AP Series (Wall Mounted)			
Indoor Unit			MSZ-AP15VGD
Refrigerant			R32
Cooling	Capacity [Rated] <sup>*3</sup>	kW	1.50
	Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dB(A)
	Air Volume (In) [Quiet-SHi]	L/S	21 - 26 - 30 - 35 - 40
Heating	Capacity [Rated] <sup>*4</sup>	kW	58 - 107
	Sound Pressure Level	In [Quiet-SHi]	dB(A)
	Air Volume (In) [Quiet-SHi]	L/S	21 - 26 - 30 - 35 - 40
Indoor Unit	Dimensions [HxWxD]	mm	62 - 113
	Weight	kg	250 x 760 x 178
Piping	Diameter [Liquid/Gas]	mm	8.2
			ø6.35/ø9.52

Note: Available for multi split connection only.

MSZ-AP Series (Wall Mounted)				
Indoor Unit			MSZ-AP20VG	
Outdoor Unit			MUZ-AP20VG	
Refrigerant			R32	
Cooling	Capacity [Rated] <sup>*3</sup>	kW	2.00	
	Capacity [Min-Max]	kW	0.60 - 2.70	
	Total Input [Rated] <sup>*3</sup>	kW	0.46	
	Total Input [Min-Max]	kW	0.23 - 1.16	
	EER		4.35	
	AEER		4.31	
	ZERL Star Rating <sup>*1</sup>	Hot		3.5
		Average		3.5
		Cold		3.5
	Running Current [Rated] <sup>*2, 3</sup>	A		2.60
Sound Pressure Level	In [Quiet-Lo-Mid-Hi-SHi]	dB(A)	21 - 26 - 30 - 35 - 42	
	Out [PWL]	dB(A)	47 (59)	
Air Volume (In) [Quiet-SHi]	L/S		58 - 115	
Heating	Capacity [Rated] <sup>*4</sup>	kW	2.50	
	Capacity [Min-Max]	kW	0.50 - 3.50	
	Total Input [Rated] <sup>*4</sup>	kW	0.60	
	Total Input [Min-Max]	kW	0.25 - 1.20	
	COP		4.17	
	ACOP		4.14	
	ZERL Star Rating <sup>*1</sup>	Hot		3.0
		Average		2.5
		Cold		2.0
	Running Current [Rated] <sup>*2, 4</sup>	A		3.20
Sound Pressure Level	In [Quiet-SHi]	dB(A)	21 - 26 - 30 - 35 - 42	
	Out [PWL]	dB(A)	48 (61)	
Air Volume (In) [Quiet-SHi]	L/S		62 - 122	
Indoor Unit	Input [Rated] (Cooling/Heating)	W	19/19	
	Dimensions [HxWxD]	mm	250 x 760 x 178	
	Weight	kg	8.2	
Outdoor Unit	Dimensions [HxWxD]	mm	550 x 800 x 285	
	Weight	kg	31.0	
	Breaker Size	A	10	
Piping	Diameter [Liquid/Gas]	mm	ø6.35/ø9.52	
	Max. Length/Height	m	20/12	
Guaranteed Operating Range [Outdoor]	Cooling	°C	-10 ~ 46	
	Heating	°C	-15 ~ 24	
Refrigerant Amount [Pre-Charged]	kg		0.55	

## Notes:

\*1 Zoned Energy Rating Label - residential air conditioning star rating based on GEMS 2019 Determination.

\*2 Rated Load Amps (RLA) is based on nominal conditions. Use Maximum Circuit Amps (MCA) for power supply infrastructure sizing, etc.

Test conditions are based on AS/NZS3823.1.1.

## Rating Conditions:

\*3 Cooling: Indoor 27°C, D.B./19°C, W.B.  
Outdoor 35°C, D.B./24°C, W.B.

\*4 Heating: Indoor 20°C, D.B./15°C, W.B.  
Outdoor 7°C, D.B./6°C, W.B.



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