

# MLZ One-Way Cassette Series

The slimline heat pump that's recessed into the ceiling



Free up your walls, rethink your space.

# MLZ SlimFit One-Way Cassette Series



Recessed neatly into the ceiling, the slimline MLZ One-Way Cassette delivers all the performance of a traditional wall-mounted heat pump, without taking up wall space or compromising your décor.

Its discreet, low-profile design provides quiet, comfortable airflow from above, blending seamlessly into modern interiors. With whisper-quiet, one-way airflow and an unobtrusive finish, it's the ideal solution for design-conscious homeowners or where wall space is limited.



## Slim Design Fits Where Others Can't

At only 185mm high, the MLZ SlimFit is New Zealand's slimmest residential one-way ceiling cassette heat pump<sup>\*1</sup>. It fits easily between New Zealand's standard 450–600mm floor joists, making it ideal for townhouses, apartments, or two-storey homes where ceiling space is tight. Enjoy the benefits of a built-in system without lowering the ceiling or sacrificing room design.



## Blends Seamlessly with Your Home

With a simple white grille that sits flush to the ceiling, the MLZ SlimFit disappears into your décor. It's the ideal solution for design-focused homes with open-plan layouts, glazing, or minimal wall space, giving you total comfort without visual clutter.

## One-Way Airflow Design

Ideal for rooms where one-way air distribution is required, and a solution for spaces where lighting fixtures are installed in the centre of a room, one-way airflow provides a comfort with no draughts.

## Whisper-Quiet Comfort

Starting from just 26dBA, the MLZ SlimFit is New Zealand's quietest one-way single-split cassette<sup>\*2</sup>. Because it's recessed into the ceiling, most of the sound stays there too – perfect for bedrooms, studies and living areas where quiet really matters.



<sup>\*1</sup> MLZ-KP25/35/50VG indoor unit height.

<sup>\*2</sup> MLZ-KP25/35/50VG indoor sound level on lowest fan setting in Heating Mode.

## Set Airflow According to Ceiling Height



Dual-level airflow selection lets you fine-tune the unit to suit your room's ceiling height. This is key for adjusting airflow effectively when it is either too strong or too weak due to being mismatched with the height of the ceiling.

Capacity Class	25	35	50
Standard	2.4m	2.4m	2.4m
High Ceiling	2.7m	2.7m	2.7m



Unit Dimensions (WxDxH): 1102 x 360 x 185mm  
Panel Dimensions (WxDxH): 1200 x 424 x 24mm

### MLZ-KP25VG

Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

### MLZ-KP35VG

Heating Capacity: 4.1 kW | Cooling Capacity: 3.5 kW

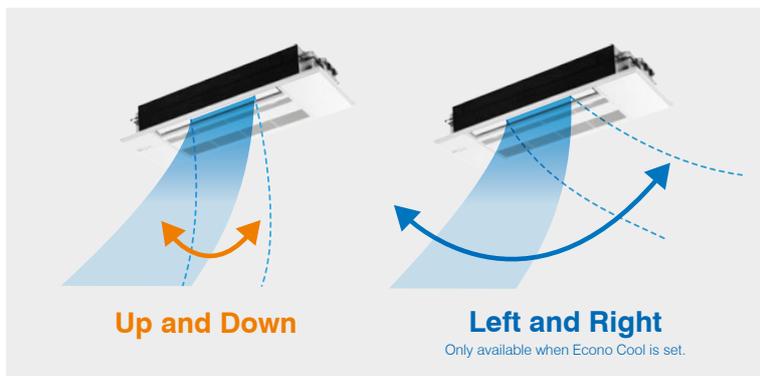
### MLZ-KP50VG

Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW

## Airflow Tailored to Preference



Outlet vanes can be moved left and right, and up and down using the remote controller. This allows you to direct airflow exactly where you want it for tailored, even comfort throughout the room.



## Horizontal Airflow



Horizontal Airflow gently spreads air across the ceiling before it circulates through the room, avoiding the feeling of direct draughts – ideal for bedrooms, offices or living rooms.

## Next-Generation R32 Technology



The MLZ SlimFit One-Way Cassette features the latest in super-efficient and more environmentally friendly R32 refrigerant. With a global warming potential that is 30% lower compared to older refrigerants such as R410A, next generation R32 refrigerant has a much lower environmental impact. Furthermore, zero ozone depleting R32 is easier to reuse and recycle.

## Optional Wi-Fi Control Upgrade



By adding optional Wi-Fi Control you can pre-heat or cool a room no matter where you are. On the way home, running late, coming home early, or even when you're in a different country, with Wi-Fi Control you'll always arrive home to total comfort.

OPTIONAL  
**Wi-Fi**  
CONTROL



# MLZ SlimFit Series Specifications

QUICK GLANCE	TYPE		Ceiling Cassette							
	SERIES		MLZ SlimFit Series							
	MODEL		MLZ-KP25VG	MLZ-KP35VG	MLZ-KP50VG					
	REFRIGERANT		R32							
	INDOOR UNIT		MLZ-KP25VG	MLZ-KP35VG	MLZ-KP50VG					
	OUTDOOR UNIT		SUZ-M25VAD2	SUZ-M35VAD2	SUZ-M50VAD2					
	COOL		2.5kW 4.23 EER 27 dBA <sup>†</sup>	3.5kW 3.88 EER 27 dBA <sup>†</sup>	5.0kW 3.64 EER 29 dBA <sup>†</sup>					
	HEAT		3.2kW 4.05 COP 26 dBA <sup>†</sup>	4.1kW 3.62 COP 26 dBA <sup>†</sup>	6.0kW 3.27 COP 26 dBA <sup>†</sup>					
	ZERL STAR RATINGS		(NZ) Cold Area		3.0	2.0	3.0	2.0	2.5	1.5
			Avg Area <sup>‡</sup>		3.0	3.0	3.0	2.5	2.5	2.0
Hot Area <sup>‡</sup>			4.0	3.5	4.0	3.5	3.0	2.5		
COOL	Capacity	Rated	[kW]	2.5	3.5	5.0				
		Min-Max	[kW]	1.5 - 3.2	1.5 - 4.1	2.3 - 5.5				
	Total Input	Rated	[kW]	0.59	0.90	1.37				
		EER / AEER		4.23 / 4.11	3.88 / 3.80	3.64 / 3.59				
	Indoor Sound Level	Quiet	[dBA]	27	27	29				
		Low-Med-Hi	[dBA]	31-34-38	32-36-40	36-41-47				
	Running Current (Rated)		[A]	3.30	4.20	6.10				
Air Volume In (Hi)		[L/s]	147	157	190					
HEAT	Capacity	Rated	[kW]	3.2	4.1	6.0				
		Min-Max	[kW]	1.3 - 4.2	1.3 - 4.7	1.7 - 6.8				
	Total Input	Rated	[kW]	0.79	1.13	1.83				
		COP / ACOP		4.05 / 3.96	3.62 / 3.56	3.27 / 3.24				
	Indoor Sound Level	Quiet	[dBA]	26	26	26				
		Low-Med-Hi	[dBA]	29-34-37	32-36-40	37-42-48				
	Running Current (Rated)		[A]	4.00	5.00	8.10				
Air Volume In (SHi)		[L/s]	153	165	197					
Controller	Standard		7-Day Programmable Controller							
	Optional Wired 7-Day Timer		Optional: PAR Controller (Interface Required)							
Wi-Fi			Optional: MAC-588IF-E							
Power Supply	(Powered From Outdoor Unit)		230 V / Single Phase / 50 Hz							
	Maximum Current		[A]	7.2	8.9	13.9				
Indoor	Dimensions (WxDxH)		[mm]	Unit: 1102 x 360 x 185 / Panel: 1200 x 424 x 24						
	Weight		[kg]	Unit: 15.5 / Panel: 3.5						
Outdoor	Dimensions (WxDxH)		[mm]	800 x 285 x 550			800 x 285 x 714			
	Weight		[kg]	30	35	41				
	Sound Level - SPL <sup>**</sup> /Power (Cooling-Heating)		[dBA]	45 - 46 / 59 - 59	48 - 48 / 63 - 63	48 - 49 / 64 - 66				
Piping	Diameter (Liquid/Gas)		[mm]	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52				
	Max. Length/Height <sup>†</sup>		[m]	20 / 12	20 / 12	30 / 30				
	Chargeless Piping Length		[m]	7	7	7				
Operation Range Outdoor	Cooling		[°C]	-10 / +52	-10 / +52	-15 / +52				
	Heating		[°C]	-10 / +24	-10 / +24	-15 / +24				
Indoor Unit Colour			White							

ZERL = Zoned Energy Rating Label  
 EER = Energy Efficiency Ratio  
 COP = Coefficient of Performance  
 AEER = Annual Energy Efficiency Ratio  
 ACOP = Annual Coefficient of Performance

† Avge/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.  
 ‡ 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.

\*1 Sound pressure levels are measured in anechoic chamber at ESP 150Pa.  
 \*2 Sound pressure levels are measured under rated operating frequency.



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