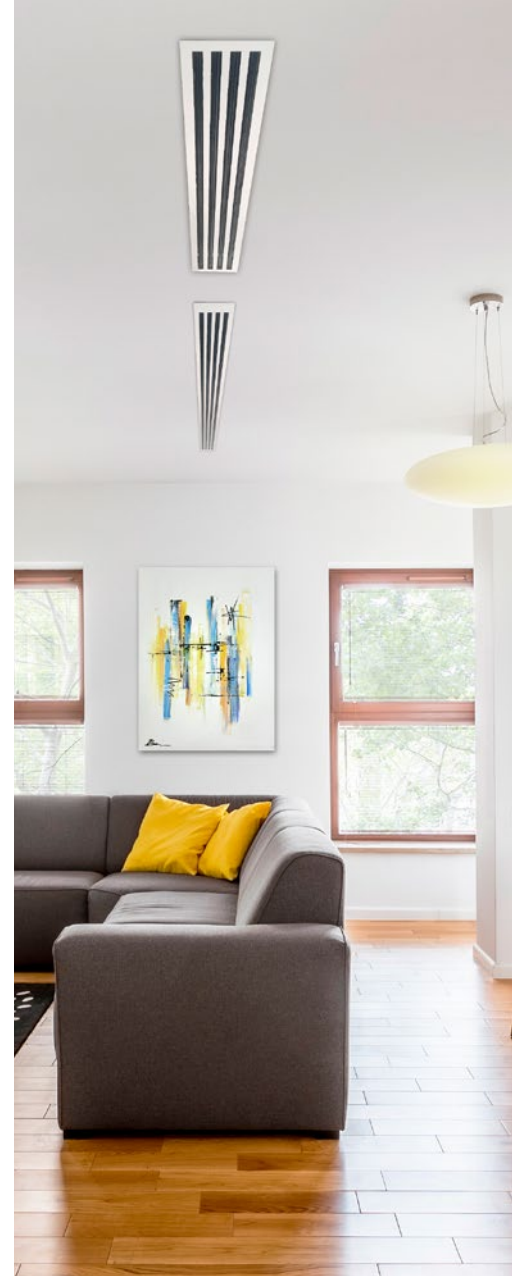


OmniCORE

Multi Room Heat Pump Systems



The perfect heat pump for each room with just one OmniCore outdoor unit



OmniCORE

The Heart of Multi Room





Mitsubishi Electric OmniCore Multi Room Heat Pump Systems allow you to choose the perfect heat pump for each room, up to eight, without the need to install multiple outdoor units – with OmniCore you only need one. Whether it is a small capacity whisper quiet high wall for the bedroom,

a compact floor console for the home office or a discreet ducted model for the lounge, there is a style and capacity to fit any room. The choice is truly yours.

Our extended OmniCore Multi Room Heat Pump Range now offers a wide selection of market-leading solutions.

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What is an OmniCore Multi Room System?



While a standard heat pump system consists of a single indoor and outdoor unit, an OmniCore Multi Room Heat Pump System allows you to connect multiple indoor units to a single outdoor unit.

The Total Home Solution

An OmniCore Multi Room Heat Pump System not only gives you the freedom to select the indoor model best suited to each and every room in your home, it also enhances exterior aesthetics by reducing the number of outdoor units required.

With an OmniCore Multi Room Heat Pump System you have the freedom to choose the ideal unit for each area of your home, keeping you comfortable without cluttering the exterior.

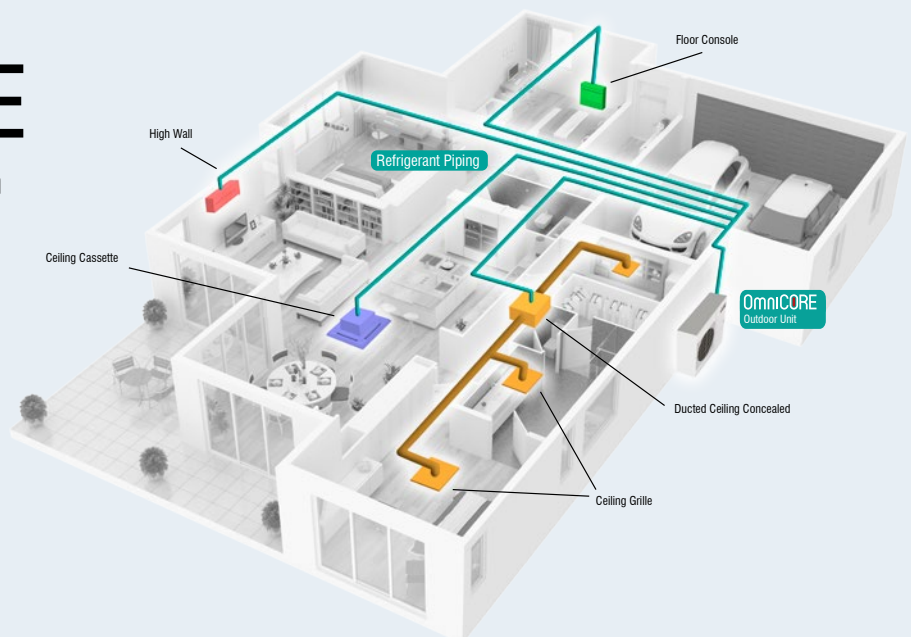
With Mitsubishi Electric Heat Pump Technology, you also get the benefit of superior efficiency and energy savings.

OmniCore Features

- ✓ Only one outdoor unit
- ✓ Choose from High Walls, Floor Consoles, Ducted or Cassettes
- ✓ Energy efficient
- ✓ From 1 to 8 room solutions
- ✓ Whisper quiet
- ✓ Optional Wi-Fi Control*
- ✓ Optional Zone Control (Ducted indoors only)

OmniCORE

The Heart of Multi Room

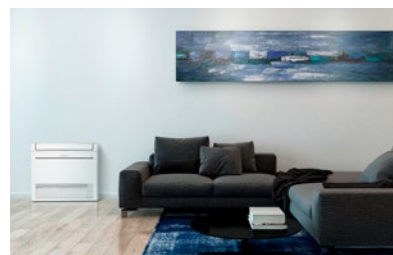


*Wi-Fi Control Energy Monitoring is not currently available on Smart Series Indoor units connected to OmniCore Multi Room Systems.

Why Choose an OmniCore Multi Room System?

Style for Each and Every Room

With an OmniCore Multi Room Heat Pump System, you have the flexibility to choose the perfect indoor heat pump for each room. Whether it's a small capacity whisper quiet high wall for the bedroom, a compact floor console for the office or a discreet ducted model for the lounge, there is a style and capacity to fit any room – no matter the size or interior aesthetic.



Individual Temperature Control for Each Room

An OmniCore Multi Room System allows individual control of every heat pump in your home; whether you want to increase the temperature in the kids' bedrooms before bedtime, or turn off the living room heat pump as you head out for dinner. With individual heat pump control, you can adjust the temperature to suit your comfort levels and ensure a heat pump is only operating when needed; maximising energy savings.



Keep Your Exterior Clutter-Free

While a standard heat pump system requires a separate outdoor unit for every indoor unit inside the home, an OmniCore Multi Room Heat Pump System is specifically designed so you have the flexibility to connect multiple indoor units to just one OmniCore outdoor unit. With a range that provides sizing options from one to eight rooms, a total home heating and cooling solution with a clutter-free exterior is now possible.



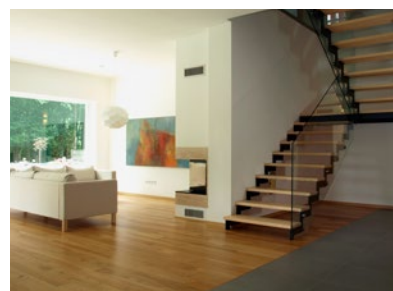
Future-Proof and Add Units as Your Family Grows

With an OmniCore Multi Room System, there is no need to hurry and choose all the possible indoor units for your home at once. Indoor units do not have to be connected all at the same time when you first install the system. This means for example a four room system could be installed with only two indoor units connected to begin with; giving you the flexibility to add up to two more rooms in the future – all connected to the one OmniCore outdoor unit.



Optional Ventilation

If you're looking to create the perfect indoor environment for your home using an OmniCore Multi Room System, it is worth considering your home's ventilation requirements. Mitsubishi Electric offer a range of Whole Home Heat Recovery Ventilation Systems that ensure clean, fresh air is supplied throughout your home.



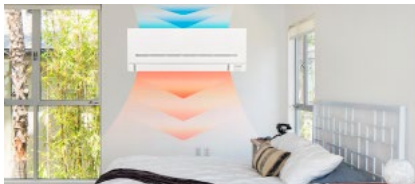
Choosing the Right Heat Pumps for Your Home



Will I Still Get Full Rated Capacity When Using an OmniCore Multi Room System?

OmniCore Multi Room outdoor units have different maximum capacities of heating kW and cooling kW. Depending on the indoor units chosen, the actual capacity of heating/cooling produced by the indoor unit may vary from the actual rated capacity. This is because the power of the OmniCore outdoor unit is distributed across all the connected indoor units that are running.

For example, if you have an AP42 and an AP50 indoor unit connected to an MXZ-3F54VGD outdoor, when the two indoor units operate simultaneously in Heating Mode, the AP42 will produce up to 3.1kW, and the AP50 will produce 3.7kW of its rated heating capacity. When only one indoor unit is running, for example the AP50, you will receive up to an impressive 5.8kW of rated heating capacity from the AP50 alone.



MSZ-AP42VG Produces 3.1kW when both running at the same time



MSZ-AP50VG Produces 3.7kW when both running at the same time



MSZ-AP42VG This unit is currently turned off



MSZ-AP50VG Produces 5.8kW when only one is running

Book a Free In-Home Consultation

Once you have selected your preferences, we recommend you book a free in-home consultation with one of our qualified installers.

Choosing the right heat pump system requires an assessment of the areas in your home that need to be heated; ensuring you get the best, most efficient system.

A qualified installer will carry out accurate sizing calculations and expertly assess other factors involved in heat loss and gain.

To book your free in-home consultation please visit www.mitsubishi-electric.co.nz/heatpump/installer for your nearest Mitsubishi Electric recommended heat pump installer.

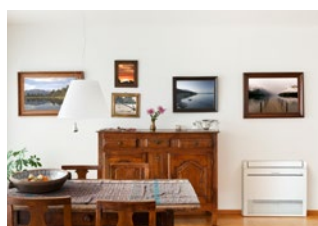


What Indoor Units Can I Connect to My OmniCore Multi Room Heat Pump System?

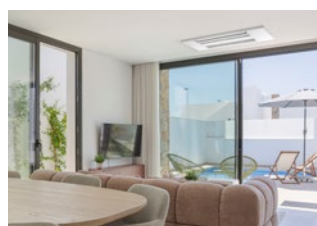
All of the Mitsubishi Electric indoor units listed within this brochure are compatible with a Mitsubishi Electric OmniCore Multi Room outdoor unit.



High Wall Mounted



Floor Console



Ceiling Mounted



Ducted/Concealed

Please note: Wi-Fi Control Energy Monitoring is not currently available on Smart Series Indoor units connected to OmniCore Multi Room Systems.

How Many Indoor Units Can be Connected?

To help assist in your decision, all Mitsubishi Electric indoor units have a class rating; this is the numerical component of the model name. For example, the MSZ-AP25VG has a class rating of 25.

Every OmniCore Multi Room outdoor unit has three parameters that determine the number and size of indoor units that can be connected to it:

1. The number of indoor units that can be connected (ranging from 1–8 indoor units dependent on outdoor unit).
2. The maximum individual indoor class rating that can be connected (ranging from 15–100).
3. The maximum total class rating of all units that can be connected (ranging from 75–202 dependent on unit).

	OUTDOOR UNIT	CONNECTABLE INDOOR UNIT PARAMETERS
Small to Medium Homes	OmniCore Classic Multi Series R32	
	MXZ-2F52VF 6.1kW Heating	Connect 2 indoors Each indoor can be up to a Class 50 Maximum Class total of 75 for all indoor units
	MXZ-3F54VGD 7.0kW Heating	Connect 2–3 indoors Each indoor can be up to a Class 50 Maximum Class total of 100 for all indoor units
	MXZ-4F71VGD 8.0kW Heating	Connect 2–4 indoors Each indoor can be up to a Class 60 Maximum Class total of 125 for all indoor units
	MXZ-4F80VGD 8.8kW Heating	Connect 1–4 indoors* Each indoor can be up to a Class 71 Maximum Class total of 145 for all indoor units This outdoor unit can only use 1x Class 71 indoor
	MXZ-5F100VGD 10.0kW Heating	Connect 1–5 indoors* Each indoor can be up to a Class 71 Maximum Class total of 171 for all indoor units This outdoor unit can only use 1x PEAD-M71
	MXZ-6F120VGD 13.2kW Heating	Connect 1–6 indoors* Each indoor can be up to Class 80 Maximum Class total of 180 for all indoor units This outdoor unit can only use 1x PEAD-M71
Larger Homes and Light Commercial	OmniCore Pro Multi Series R410A	
	PUMY-SP80VKMD2 10.0kW Heating	Connect 2–7 indoors Each indoor can be up to Class 100† Maximum Class total of 117 for all indoor units
	PUMY-SP112VKMD2 14.0kW Heating	Connect 2–8 indoors Each indoor can be up to Class 100 Maximum Class total of 162 for all indoor units
	PUMY-SP125VKMD2 16.0kW Heating	Connect 2–8 indoors Each indoor can be up to Class 100 Maximum Class total of 182 for all indoor units
	PUMY-SP140VKMD2 16.5kW Heating	Connect 2–8 indoors Each indoor can be up to Class 100 Maximum Class total of 202 for all indoor units

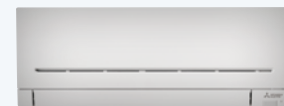
MXZ-2F52VF Example

Each indoor unit has a maximum class no greater than 50, and the total maximum class combination of all indoors is no greater than 75 (in this example totalling 75).

For more OmniCore Multi Room examples visit www.mitsubishi-electric.co.nz/multiroom



MXZ-2F52VF
OmniCore Classic Multi
Outdoor Unit



MSZ-AP50VG (Class 50)
High Wall Indoor Unit



MFZX-KW25VG (Class 25)
Floor Console Indoor Unit

* At least two indoor units must be connected when using an indoor unit with capacity lower than 25 class.

† To maximise use of available capacity, indoor units over Class 71 are not recommended to be connected to PUMY-SP80.

OmniCore Classic Multi Series



The Mitsubishi Electric OmniCore Classic Multi Series is the perfect solution for small to medium-sized homes.

The OmniCore Classic Multi Series is the perfect total home solution, providing heating and cooling in up to six rooms.

Features

R32 Refrigerant

The introduction of R32 in the MXZ Classic Multi Series has enabled an increased energy efficiency, with just one third of the global warming potential of R410A.

Energy Saving with High COP

Mitsubishi Electric Inverter Technology provides superior energy efficiency with high COPs (Coefficient of Performance). For example, a COP of over 4 means that for every 1kW of power input, you get over 4kW of heat energy output!

Fix Operation Mode

It is possible to lock operation to 'Heating' or 'Cooling' Mode. This is convenient in places such as rental properties.

Longer Piping Length

Piping is extendable up to 25m per indoor unit*1 with no more than 15m in height (additional refrigerant charge may be required). Total install pipe length may extend up to 80m.*2

Guaranteed Heating Down to -15°C

Not all heat pumps perform when they are needed most. Our OmniCore Classic Multi Series is guaranteed to effectively provide heating on those cold nights or mornings when you really need it.

Optional Ventilation

If you're looking to create the perfect indoor environment for your home using an OmniCore Multi Room System, it is worth considering your home's ventilation requirements. Mitsubishi Electric offer a range of Whole Home Heat Recovery Ventilation Systems that ensure clean, fresh air is supplied throughout your home.



MODEL	COP
MXZ-2F52VF	4.09
MXZ-3F54VGD	4.90
MXZ-4F71VGD	4.79
MXZ-4F80VGD	5.24
MXZ-5F100VGD	4.83
MXZ-6F120VGD	4.40



*1 MXZ-2F52 up to 20m.

*2 MXZ-5F100 and MXZ-6F120.

OmniCore Pro Multi Series



The Mitsubishi Electric OmniCore Pro Multi Series has been designed specifically for larger homes, offices and other light commercial applications.

The OmniCore Pro Multi Series also known as Mini-VRF, is a quiet, highly efficient and flexible heat pump system providing heating and cooling for up to eight rooms.



Features

Super Silent Mode – Cooling Only*³

Perfect for evenings and residential areas, the noise level of the OmniCore Pro Multi Series can be reduced by up to 10dBA, providing quiet operation when it is needed most.

Guaranteed Heating Down to -20°C

The OmniCore Pro Multi Series is able to provide heating when you need it most, right down to -20°C outdoor temperature.

Energy Saving with High COP

The OmniCore Pro Multi Series provides superior energy efficiency with high COPs (Coefficient of Performance). With COPs over 4, for every 1kW of power input, you get over 4kW of heat energy output!

Simple and Discreet Design

The single fan unit offers a low height profile and small footprint, keeping your outdoor space uncluttered.

Branch Box

The Mitsubishi Electric Branch Box is unique to the OmniCore Pro Multi Series. Simplifying installation, the Branch Box enables a more flexible and cost-effective approach.

Central Control Compatible

The new PUMY-SP Series are compatible with central controllers AE-C400E and EW-C50E, providing full centralised control!

Optional Ventilation

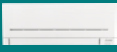














If you're looking to create the perfect indoor environment for your home using an OmniCore Multi Room System, it is worth considering your home's ventilation requirements. Mitsubishi Electric offer a range of Whole Home Heat Recovery Ventilation Systems that ensure clean, fresh air is supplied throughout your home.

MODEL	COP
PUMY-SP80VKMD2	4.41
PUMY-SP112VKMD2	4.42
PUMY-SP125VKMD2	4.10
PUMY-SP140VKMD2	4.10



*³ PAC-SC36NA-E is required to activate Super Silent Mode.

Compatibility Chart

		AP Series	AP Mini	EF Designer Series	LN Black Diamond Series	KW RapidHeat Series	
		High Wall	High Wall	High Wall	High Wall	Floor Console	
		Page 10	Page 12	Page 13	Page 14	Page 16	
Outdoor Units							
OmniCore Classic Multi Series		MXZ-2F52VF Connect 2 indoor units Up to Class 50 (total 75)* Heating Capacity: 6.1 kW Cooling Capacity: 5.2 kW	AP25 AP35 AP42 AP50	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35	MFXZ-KW25 MFXZ-KW35
		MXZ-3F54VGD Connect 2-3 indoor units Up to Class 50 (total 100)* Heating Capacity: 7.0 kW Cooling Capacity: 5.4 kW	AP25 AP35 AP42 AP50	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50
		MXZ-4F71VGD Connect 2-4 indoor units Up to Class 60 (total 125)* Heating Capacity: 8.0 kW Cooling Capacity: 7.1 kW	AP25 AP35 AP42 AP50 AP60	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50
		MXZ-4F80VGD Connect 1-4 indoor units† Up to Class 71 (total 145)* ¹ Heating Capacity: 8.8 kW Cooling Capacity: 8.0 kW	AP25 AP35 AP42 AP50 AP60 AP71	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50
		MXZ-5F100VGD Connect 1-5 indoor units† Up to Class 71 (total 171)* ² Heating Capacity: 10.0 kW Cooling Capacity: 10.0 kW	AP25 AP35 AP42 AP50 AP60 AP71	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50
		MXZ-6F120VGD Connect 1-6 indoor units† Up to Class 80 (total 180)* ² Heating Capacity: 13.2 kW Cooling Capacity: 12.0 kW	AP25 AP60 AP35 AP71 AP42 AP80 AP50	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50
OmniCore Pro Multi Series		PUMY-SP80VKMD2 Connect 2-7 indoor units Up to Class 100 (total 117)* Heating Capacity: 10.0kW Cooling Capacity: 9.0 kW	AP25 AP35 AP42 AP50	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50
		PUMY-SP112VKMD2 Connect 2-8 indoor units Up to Class 100 (total 162)* Heating Capacity: 14.0 kW Cooling Capacity: 12.5 kW	AP25 AP35 AP42 AP50	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50
		PUMY-SP125VKMD2 Connect 2-8 indoor units Up to Class 100 (total 182)* Heating Capacity: 16.0 kW Cooling Capacity: 14.0 kW	AP25 AP35 AP42 AP50	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50
		PUMY-SP140VKMD2 Connect 2-8 indoor units Up to Class 100 (total 202)* Heating Capacity: 16.5 kW Cooling Capacity: 15.5 kW	AP25 AP35 AP42 AP50	AP15 AP20	EF22 EF25 EF35 EF42 EF50	LN25 LN35 LN50	MFXZ-KW25 MFXZ-KW35 MFXZ-KW50








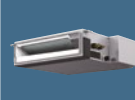

To be used as a guide only. Please view the outdoor unit's capacity charts on www.mitsubishi-electric.co.nz/multiroom for possible combination connections.

¹ Note: The MXZ-4F80 can only use 1x class 71 indoor.

² Note: The MXZ-5F100 and MXZ-6F120 can only use 1x PEAD-M71.

*Total maximum capacity connectable.

† At least two indoor units must be connected when using indoor unit with capacity lower than 25 class.

PFFY Series	AireTile Slim MLZ Series	SLZ Series	PLA Series	PEFY-VMA	PEFY-VMX	PEAD Series	SEZ Series	PCA Series
Concealed Floor Console	One-Way Ceiling Cassette	Compact Ceiling Cassette	Ceiling Cassette	Ducted	Ducted	Ducted	Ceiling Concealed	Under-Ceiling
Page 18	Page 19	Page 20	Page 21	Page 22	Page 23	Page 24	Page 25	Page 26
								
	MLZ-KP25 MLZ-KP35	SLZ-M25 SLZ-M35					SEZ-M35	
	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50				PEAD-M50	SEZ-M35 SEZ-M50	
	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50				PEAD-M50 PEAD-M60	SEZ-M35 SEZ-M50 SEZ-M60	
	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50				PEAD-M50 PEAD-M60 PEAD-M71*1	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71*1	
	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50				PEAD-M50 PEAD-M60 PEAD-M71*2	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71	
	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50				PEAD-M50 PEAD-M60 PEAD-M71*2	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71	
PFFY-P20 PFFY-P25 PFFY-P32 PFFY-P40 PFFY-P50	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50	PLA-M71	PEFY-P20VMA PEFY-P25VMA PEFY-P32VMA PEFY-P40VMA PEFY-P50VMA	PEFY-P20VMX PEFY-P25VMX PEFY-P32VMX PEFY-P40VMX PEFY-P50VMX PEFY-P63VMX	PEAD-M50 PEAD-M60 PEAD-M71	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71	PCA-M50 PCA-M60 PCA-M71
PFFY-P20 PFFY-P25 PFFY-P32 PFFY-P40 PFFY-P50	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50	PLA-M71 PLA-M100	PEFY-P20VMA PEFY-P25VMA PEFY-P32VMA PEFY-P40VMA PEFY-P50VMA	PEFY-P20VMX PEFY-P25VMX PEFY-P32VMX PEFY-P40VMX PEFY-P50VMX PEFY-P63VMX	PEAD-M50 PEAD-M60 PEAD-M71 PEAD-M100	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71	PCA-M50 PCA-M60 PCA-M71 PCA-M100
PFFY-P20 PFFY-P25 PFFY-P32 PFFY-P40 PFFY-P50	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50	PLA-M71 PLA-M100	PEFY-P20VMA PEFY-P25VMA PEFY-P32VMA PEFY-P40VMA PEFY-P50VMA	PEFY-P20VMX PEFY-P25VMX PEFY-P32VMX PEFY-P40VMX PEFY-P50VMX PEFY-P63VMX	PEAD-M50 PEAD-M60 PEAD-M71 PEAD-M100	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71	PCA-M50 PCA-M60 PCA-M71 PCA-M100
PFFY-P20 PFFY-P25 PFFY-P32 PFFY-P40 PFFY-P50	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50	PLA-M71 PLA-M100	PEFY-P20VMA PEFY-P25VMA PEFY-P32VMA PEFY-P40VMA PEFY-P50VMA	PEFY-P20VMX PEFY-P25VMX PEFY-P32VMX PEFY-P40VMX PEFY-P50VMX PEFY-P63VMX	PEAD-M50 PEAD-M60 PEAD-M71 PEAD-M100	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71	PCA-M50 PCA-M60 PCA-M71 PCA-M100



OmniCore does not support Energy Monitoring

AP Classic and AP Plus



The AP Series High Wall Heat Pumps set a new standard in super energy efficient heating. And starting at just 18dBA*¹, it's NZ's quietest – ideal for living rooms and bedrooms!

New Zealand's Quietest Heat Pump!*¹

Starting at an incredibly quiet 18dBA on its lowest fan speed, the AP25 indoor unit is New Zealand's quietest high wall heat pump ever. It is ideal where quietness matters most, in bedrooms even on the coldest of winter nights.

Furthermore, the addition of Night Mode means the outdoor operating noise level drops by a further 3dBA for the perfect night's sleep.

The Secret to Quietness

By making the heat exchanger 32% thinner and designing the fan coil to be 22% larger in comparison to previous models*², pressure loss across the heat exchanger is minimised and air can now be moved across a larger fan surface. Add to this a new aerodynamically designed fan coil, and a new level of quietness has been achieved!

Never Return to a Cold Home Again With Wi-Fi Control*³

With 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. Wi-Fi Control is built-in to the AP Plus Series and available as an optional upgrade with the AP Classic Series.

And because our Wi-Fi Control is now also Amazon Alexa and Google Home enabled, you can take your comfort to the next level and enjoy hands-free heat pump control.

You can find out more about Wi-Fi and Voice Control on page 28.

Dual Barrier Coating Maximises Efficient Performance

The patented and world's first Dual Barrier Coating from Mitsubishi Electric prevents dust and dirt from accumulating on the inner surface of the indoor unit; keeping your heat pump clean year-round.



Dimensions (WxDxH): 798 x 219 x 299mm

MSZ-AP25VG(K)D2

Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

MSZ-AP35VG(K)D2

Heating Capacity: 3.7 kW | Cooling Capacity: 3.5 kW

MSZ-AP42VG(K)D2

Heating Capacity: 5.4 kW | Cooling Capacity: 4.2 kW

MSZ-AP50VG(K)D2

Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW



Dimensions (WxDxH): 1100 x 257 x 325mm

MSZ-AP60VG(K)D2

Heating Capacity: 6.8 kW | Cooling Capacity: 6.0 kW

MSZ-AP71VG(K)D2

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

MSZ-AP80VG(K)D2

Heating Capacity: 9.0 kW | Cooling Capacity: 7.8 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



AP Classic

OPTIONAL
Wi-Fi
CONTROL*³

AP Plus

BUILT-IN
Wi-Fi
CONTROL*³

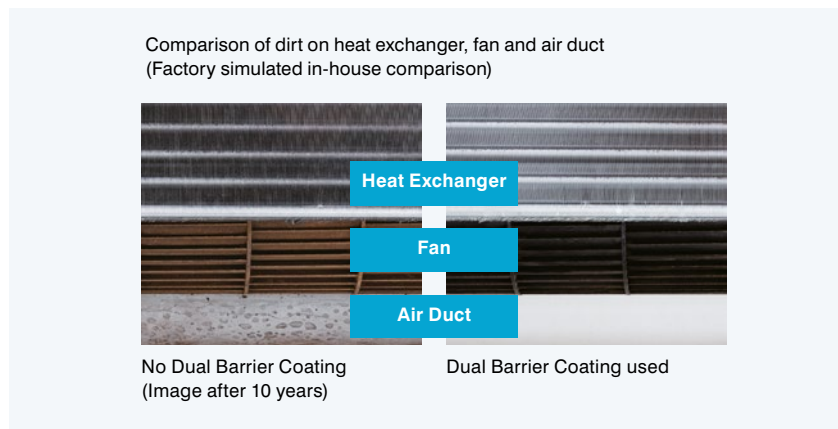
*¹ AP25 indoor sound level on lowest fan setting in Heating Mode.

*² Compared to MSZ-GL Series.

*³ Wi-Fi Control Energy Monitoring is not currently available on Indoor units connected to OmniCore Multi Room Systems.

Keeping key internal components like the heat exchanger, fan and internal duct clean is important for both home comfort and efficiency. Not only does dust and dirt build-up typically create unpleasant odours, it also forces a heat pump to work harder, which can result in significantly impaired energy efficiency.

Dual Barrier Coating prevents dust and oil build-up on the interior of the heat pump for the ultimate in peace of mind, ease and comfort.



Horizontal Airflow

The AP Series eliminates uncomfortable draughts with Horizontal Airflow in Cooling Mode, by spreading airflow evenly across the ceiling.

Wide and Long Airflow^{*4}

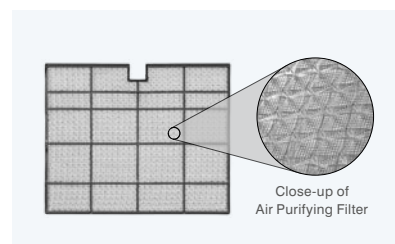
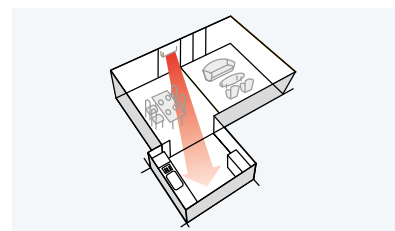
The Wide Airflow Mode enables airflow direction to be adjusted from left to right, ideal for open plan environments – ensuring every corner of the room is comfortable.

The Long Airflow Mode extends airflow distance. These modes are simply activated at the touch of a button on your remote controller.

Washable Air Purifying Filter

The AP Series is equipped with an Air Purifying Filter. This washable filter traps particles such as dust, pollen and other airborne contaminants, generating stable antibacterial and deodorising effects.

The size of the three-dimensional surface has been increased from previous models, enlarging the filter capture area. These features give the Air Purifying Filter better dust collection performance than conventional filters.



AP Series Features

- | | | |
|---|--|---|
|  18dBA ^{*1} NZ's Quietest Heat Pump |  Econo Cool |  Washable Air Purifying Filter |
|  Dual Barrier Coating |  7-Day Programmable Controller |  Auto Vane Control |
|  Horizontal Airflow |  Wide and Long Air Flow ^{*4} |  Night Mode |
|  i-Save Mode | | |

^{*1} AP25 indoor sound level on lowest fan setting in Heating Mode.

^{*4} AP60/71/80 only.

AP Mini Series



Dimensions (WxDxH): 760 x 178 x 250mm

MSZ-AP15VGD

Heating Capacity: 1.7 kW | Cooling Capacity: 1.5 kW

MSZ-AP20VGD2

Heating Capacity: 2.5 kW | Cooling Capacity: 2.0 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.

OPTIONAL
Wi-Fi
CONTROL*

The AP Mini High Wall Heat Pump brings leading edge technology and features to New Zealand's most compact high wall indoor unit. The ultimate solution for bedrooms or small rooms where space is at a premium. Pint-sized but big on performance, the AP Mini is packed with features that maximise energy efficiency.

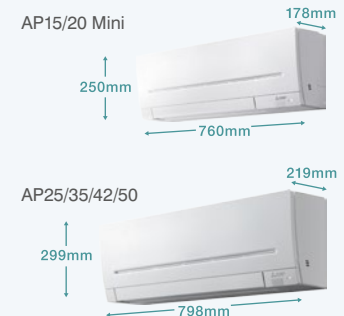
New Zealand's Most Compact High Wall Indoor Unit

Specifically designed where space is at a premium, the 250mm by 760mm wide footprint makes it ideal for positioning above doorways in bedrooms as well as in home offices. Now smaller spaces no longer need to miss out on year-round comfort.

With a 16.4% size reduction in height and 5% reduction in width when compared to the bigger AP 25-50 models, they can even be installed in very tight places that would traditionally not have been possible, such as above doorways.

16.4% smaller[†] in height

AP MINI SIZE COMPARISON



Dual Barrier Coating Maximises Efficient Performance

The patented and world's first Dual Barrier Coating from Mitsubishi Electric prevents dust and dirt from accumulating on the inner surface of the indoor unit. By keeping your heat pump clean year-round you can rest assured your heat pump will always perform at its best.



AP Mini Features



Dual Barrier Coating



Night Mode



Econo Cool



Horizontal Airflow



Washable Air Purifying Filter



i-Save Mode



7-Day Programmable Controller



Auto Vane Control

[†] Compared to the MSZ-AP25-50 models.

* Wi-Fi adapter must be mounted externally. Wi-Fi Control Energy Monitoring is not currently available on Indoor units connected to OmniCore Multi Room Systems.

EF Designer Series



The EF Designer Series features exceptional energy efficiency and Built-in Wi-Fi Control. Elegant and slimline in design, these heat pumps are available in a choice of colours so you can truly reflect your interior design style.

Colour – Now There is a Choice

One of the most rewarding aspects of interior design is being able to inject your own design personality through colour selection and accessorising. With three colours to choose from, the EF Designer Series allows you to make a real style statement with your heat pump. Mix or match our Pure White, Matte Silver and Rich Black Diamond colour options to blend in or stand out – it's up to you!

Advanced Nano Platinum Filter

The extra-large, washable 3D filter surface incorporates nanometre-sized platinum-ceramic particles designed to effectively collect fine dust particles, deodorise the air and eliminate bacteria at the same time. This level of advanced filtration is better at the collection of dust in comparison to conventional filters.

Built-in Wi-Fi Control*1 Never Return to a Cold Home Again

With Mitsubishi Electric Wi-Fi Heat Pump 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 regardless of what New Zealand's unpredictable weather is doing outside!



Dimensions (WxDxH): 885 x 195 x 299mm

MSZ-EF22VGKDW/B/S

Heating Capacity: 3.0 kW | Cooling Capacity: 2.2 kW

MSZ-EF25VGKDW/B/S

Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

MSZ-EF35VGKDW/B/S

Heating Capacity: 4.0 kW | Cooling Capacity: 3.5 kW

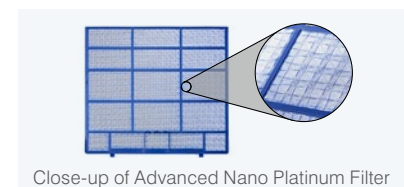
MSZ-EF42VGKDW/B/S

Heating Capacity: 5.4 kW | Cooling Capacity: 4.2 kW

MSZ-EF50VGKDW/B/S

Heating Capacity: 5.8 kW | Cooling Capacity: 5.0 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



Close-up of Advanced Nano Platinum Filter



EF Designer Series Features



Whisper Quiet Operation from 19dBA*2



Auto Change Over Function



1 Watt Low Standby Power



Red Dot Design Award Winner



Built-in Wi-Fi Control*1



Electrostatic Anti-Allergy Enzyme Filter (Optional)



Anti-Allergy Enzyme Filter



LED Backlit and Coloured 7-Day Programmable Controller

*1 Wi-Fi Control Energy Monitoring is not currently available on Indoor units connected to OmniCore Multi Room Systems.

*2 EF25 indoor sound level on lowest fan speed in Cooling Mode.

LN Black Diamond Series



The LN Black Diamond Series sets the new standard in personalised comfort and style. Available in three unique reflective colours, the range is packed with advanced features including Plasma Quad Plus Filtration, the 3D i-See Sensor for customised heating or cooling, and Dual Barrier Coating to maximise year-round energy efficient performance.

Reflect Your Design Personality

Featuring a striking flat panel design, the LN Black Diamond Series is available in three unique reflective colour finishes – White Diamond, Red Diamond and Black Diamond, that change depending on the light in the room.

3D i-See Sensor

The 3D i-See Sensor detects the presence and position of people in the room using thermal heat recognition, adjusting the temperature and airflow pattern for optimal comfort. This helps the LN Black Diamond Series do more than simply save energy, it also enables a new level of truly personalised comfort to be achieved.

Thermal Scan Technology

The 3D i-See Sensor continually takes a thermal scan of the room, dividing it into 752 three-dimensional zones and measuring the temperature in each zone to detect exactly where people are in a room.

Independently Controlled Dual Split Vane Airflow

Intuitively Adjusts the Airflow Direction to Where It's Needed

The 3D i-See Sensor works in conjunction with the Dual Split Vanes to provide heating or cooling to where it is needed most. As a result, it can save energy by not heating or cooling areas that don't require it.

Whether you prefer direct, indirect or evenly distributed airflow, the 3D i-See Sensor and Dual Split Vanes provide the ultimate in customisable airflow.



Dimensions (WxDxH): 890 x 233 x 307mm

MSZ-LN25VGDV/B/R

Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

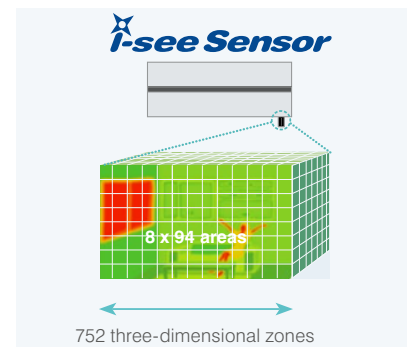
MSZ-LN35VGDV/B/R

Heating Capacity: 4.0 kW | Cooling Capacity: 3.5 kW

MSZ-LN50VGDV/B/R

Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



You always feel warm and comfortable as the direct heat follows you as you move around the room.

You'll Never Feel Cold

The 3D i-See Sensor can recognise movement of an individual in a room and subsequently direct the airflow with the Dual Split Vanes; so they continue feeling warm no matter where they have moved to in the room.



Only one person feels direct heat.

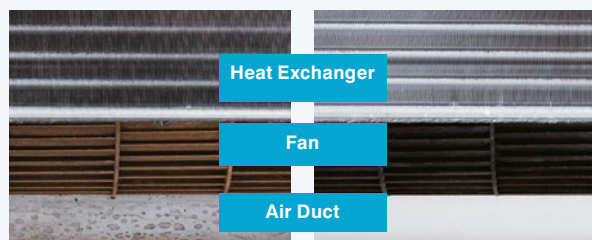


Both people feel direct heat and are both comfortable.

Dual Barrier Coating Maximises Efficient Performance

The patented and world's first Dual Barrier Coating from Mitsubishi Electric prevents dust and dirt from accumulating on the inner surface of the indoor unit; keeping your heat pump clean year-round for the ultimate in peace of mind, ease and comfort.

Comparison of dirt on heat exchanger, fan and air duct. (Factory simulated in-house comparison.)



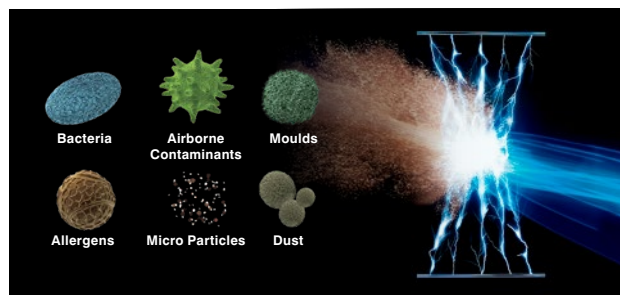
No Dual Barrier Coating (after 10 years)

With Dual Barrier Coating

Keeping key internal components like the heat exchanger, fan and internal duct clean is important for both home comfort and efficiency. Not only does dust and dirt build-up typically create unpleasant odours, it also forces a heat pump to work harder, which can result in significantly impaired energy efficiency.

Advanced Plasma Quad Plus Filtration

The advanced Plasma Quad Plus Filtration System, featuring high-performance two stage plasma technology, filters the air to clean away viruses such as Covid-19* as well as smells, dust, moulds and other common household allergens.



Two Stage Plasma Filter

The Plasma Quad Plus Filter works like an electrical curtain, using an electrical discharge to catch and neutralise even microscopically small particles in the air. In fact, it can even capture PM2.5 particles (which are up to 20 times smaller than the width of a human hair!).

Built-in Wi-Fi Control*² Never Return to a Cold Home Again

Now you can pre-heat or cool a room no matter where you are. On the way home, running late, or in a different country, with Wi-Fi Control you'll always arrive home to total comfort.

Quiet Operation

Mitsubishi Electric Heat Pumps are designed to be very, very quiet. Constant development to reduce sound levels has resulted in our LN Black Diamond Series High Wall indoor units starting at an amazingly quiet 19dBA*³, making them ideal where it matters most – in living rooms and bedrooms.

The LN Black Diamond Series also features Night Mode which disables beeping sounds and dims the indicator light.

LN Black Diamond Series Features



Whisper Quiet Operation from 19dBA*³



Dual Barrier Coating



i-Save Mode



3D i-See Sensor



Plasma Quad Plus Filtration System



Econo Cool



Dual Split Vane Technology



LED Backlit 7-Day Programmable Controller



10°C Heating Mode



Night Mode



Auto Vane Control



Built-in Wi-Fi Control*²

* PQC Electrode Collection Plate, Test Chamber Lab – Test No. 20KB070569, Microbial Testing Laboratory Kobe Testing Center Japan Textile Products Quality and Technology Center.

*² Wi-Fi Control Energy Monitoring is not currently available on Indoor units connected to OmniCore Multi Room Systems.

*³ MSZ-LN25/35 indoor sound level on lowest fan speed.

KW RapidHeat Series



Dimensions (WxDxH): 750 x 215 x 600mm

MFXZ-KW25VG

Heating Capacity: 3.4 kW | Cooling Capacity: 2.5 kW

MFXZ-KW35VG

Heating Capacity: 4.3 kW | Cooling Capacity: 3.5 kW

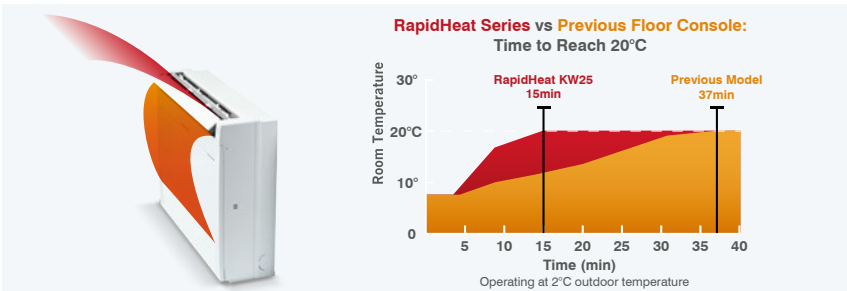
MFXZ-KW50VG

Heating Capacity: 5.8 kW | Cooling Capacity: 5.0 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.

The KW RapidHeat Floor Console features a contemporary slimline design and dramatically reduced depth. RapidHeat KW Floor Consoles are the perfect solution for unobtrusive heating at floor level. Advanced sensors with Intuitive Control Logic Technology offer unparalleled low temperature heating performance in the shortest amount of time, all while maintaining maximum energy efficiency.

RapidHeat Technology INDUSTRY FIRST



Advanced sensors coupled with Intuitive Control Logic mean optimal running temperatures are reached in the shortest amount of time possible with maximum energy efficiency. Automatically activated at start up in low temperature conditions when Two-Way Airflow is selected, warm air is blown in a downward direction first before the air is returned back into the indoor unit where it is reheated a second time. As a result, a room can now be heated up to twice as fast compared to our previous model.*1

Sleek, Sophisticated Design

Mitsubishi Electric KW RapidHeat Floor Consoles feature a contemporary design that can be recessed into your wall to dramatically reduce the depth of the indoor unit from 215mm to 145mm – a decrease of 33%. With the addition of a removable base, it is the perfect solution offering compact, unobtrusive heating for new buildings, renovation projects and fireplace replacements.

Recessable - reduces depth by 33% (70mm)



Recessed with base removed (145mm)

RapidHeat

Multi Vane Flow – Even Heat Distribution

INDUSTRY FIRST

The Multi Vane Flow function blows warm air in both an upward and downward direction providing fast, even and effective heating whilst also reducing draughts. This is achieved via three uniquely shaped vanes that are designed for better airflow control and also provide the freedom to be customised to your preference.

Cleaner, Healthier Air

KW RapidHeat Floor Consoles make use of two types of filtration to provide cleaner, healthier air. The Air Purifying Filter generates stable antibacterial and deodorising effects, whilst the Electrostatic Anti-Allergy Enzyme Filter uses enzyme catalysts to filter allergens and remove harmful bacteria.

7-Day Programmable Controller

The KW RapidHeat Floor Consoles 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.

Optional Wi-Fi Control*² Never Return to a Cold Home Again

With Mitsubishi Electric Wi-Fi Heat Pump 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 regardless of what New Zealand's unpredictable weather is doing outside!



KW RapidHeat Series Features



RapidHeat Technology



Sleek Contemporary Design



7-Day Programmable Controller



Multi Vane Flow



Air Purifying Filter



Optional Wi-Fi Control*²



Anti-Allergy Enzyme Filter



Recessable Design



Auto Vane Control

*1 MFZ-KA Series.

*2 Wi-Fi Control Energy Monitoring is not currently available on Indoor units connected to OmniCore Multi Room Systems.

PFFY Floor Console Series (OmniCore Pro Multi Series only)



Dimensions (WxDxH):
 PFFY-P20-25: 886 x 220 x 639mm
 PFFY-P32-40: 1006 x 220 x 639mm
 PFFY-P50: 1246 x 220 x 639mm

PFFY-P20VCM

Heating Capacity: 2.5 kW | Cooling Capacity: 2.2 kW

PFFY-P25VCM

Heating Capacity: 3.2 kW | Cooling Capacity: 2.8 kW

PFFY-P32VCM

Heating Capacity: 4.0 kW | Cooling Capacity: 3.6 kW

PFFY-P40VCM

Heating Capacity: 5.0 kW | Cooling Capacity: 4.5 kW

PFFY-P50VCM

Heating Capacity: 6.3 kW | Cooling Capacity: 5.6 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



A compact, concealed floor console providing simple, effective air conditioning in perimeter zones.

Compact Unit for Easy Perimeter Air Conditioning

The body is concealed in the perimeter cover for a cohesive fit with the interior. The compact body depth of 220mm (8-11/16") can easily be installed in a perimeter zone.

Maximum External Static Pressure 60Pa

Additional external static pressure capacity provides flexibility for duct extension, branching, and air outlet configuration. The ability to add ducting allows for a wide range of installation possibilities.

Concealed Type Design

The perfect solution to preserve architectural style in homes or offices with no ceiling space. The PFFY Series can be concealed in the perimeter skirting wall or other wall space voids to preserve the appearance of the building's interior.

Electronic Dry Function

Provides optimum dehumidification depending on indoor temperature to prevent over-cooling.

PFFY Series Features



Electronic Dry Function



60Pa for Duct Extension



Compact Design



Washable Air Cleaning Filter



Optional Wi-Fi Control

AireTile Slim MLZ One-Way Cassette Series



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

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



The AireTile Slim MLZ Series gives you all the power of a traditional wall unit without stealing your wall or spoiling your décor. Recessed into the ceiling, it blends seamlessly into modern homes with whisper-quiet, one-way airflow.

Slim Design Fits Where Others Can't

At only 185mm high, the AireTile Slim MLZ Series. 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.

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.

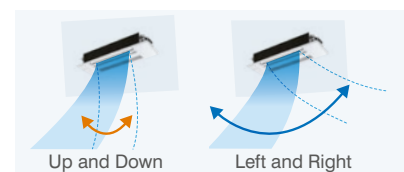
Auto Vane Control

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.

Quiet Operation

Starting from just 26dBA*, the AireTile Slim MLZ Series delivers whisper quiet operation. 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.

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



AireTile Slim MLZ Series Features



Anti-Allergy
Enzyme Filter Optional



Horizontal Airflow



High Ceiling Mode



Air Cleaning Filter



Auto Vane



Easy Installation

* MLZ-KP25 indoor sound level on lowest fan setting in Heating Mode.

SLZ Cassette Series



Compact and ultra quiet, our SLZ Ceiling Cassette Series is equipped with four-way airflow and cutting-edge control. They offer you the flexibility to keep your wall and floor space free without compromising on comfort.

3D i-See Sensor

The 3D i-See Sensor works to detect the floor temperature and how many people are present in the room; automatically switching to the optimal operating mode based on this information.

Stylish, Slimline Design

The SLZ Series pure white colour and compact, linear design is ideal for discreet heating and cooling. A recipient of the Good Design Award, the SLZ Series fits into narrow ceiling spaces with a height of only 245mm.

Horizontal Airflow

The SLZ Series eliminates uncomfortable draughts and provides improved airflow control with six different discharge angles. The air discharge channels provide a lateral airflow advantage; ensuring users are not susceptible to airflow and air is distributed evenly across the entire space.

Low Noise Levels

Starting from a hushed 25dBA*, the sound level has been reduced by 2–4dBA from the previous model.



Unit Dimensions (WxDxH): 570 x 570 x 245mm
Panel Dimensions (WxDxH): 625 x 625 x 10mm

SLZ-M25FA3**

Heating Capacity: 3.0 kW | Cooling Capacity: 2.5 kW

SLZ-M35FA3**

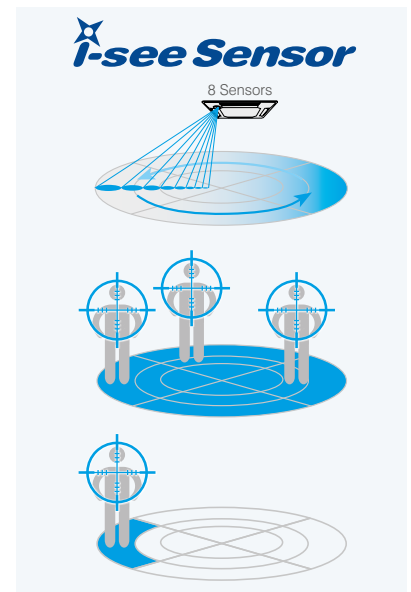
Heating Capacity: 4.0 kW | Cooling Capacity: 3.5 kW

SLZ-M50FA3**

Heating Capacity: 5.0 kW | Cooling Capacity: 5.0 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.

OPTIONAL
Wi-Fi
CONTROL



SLZ Series Features



Horizontal Airflow



Fresh Air Intake



Whisper Quiet Operation



Auto Vane



Four-Way Airflow



Long-Life Filter



3D i-See Sensor



Auto Change Over Function



Handheld or Wall Mounted
7-Day Programmable Controller

* SLZ-M25/35FA3 indoor sound level on lowest fan setting.

** SLZ-M25/35/50FA3 indoor unit require compatible MXZ outdoor units with the "-A2" suffix.

PLA Cassette Series (OmniCore Pro Multi Series only)



Unit Dimensions (WxDxH):
 PLA-M71: 840 x 840 x 258mm
 PLA-M100: 840 x 840 x 298mm
 Panel Dimensions (WxDxH):
 PLA-M71: 950 x 950 x 40mm
 PLA-M100: 950 x 950 x 40mm

PLA-M71EA2

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

PLA-M100EA2

Heating Capacity: 11.2 kW | Cooling Capacity: 10.0 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



The PLA Cassette Series set a new benchmark in space heating. Featuring cutting-edge airflow and independent vane direction control, PLA Cassettes revolutionise flexibility, allowing you to keep your wall and floor space free without compromising on comfort.

3D i-See Sensor

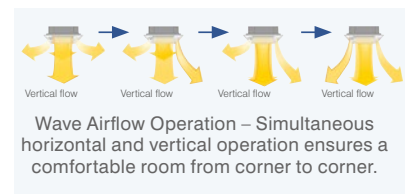
The 3D i-See Sensor detects the presence and position of people in the room using thermal heat recognition, adjusting the temperature and airflow pattern for optimal comfort. It enables a new level of truly personalised comfort to be achieved.

Wide Airflow

The PLA Cassette Series utilises wide-angle outlets to distribute airflow to all corners of the room, ensuring the room is cooled/heated in an even and sufficient manner. Horizontal airflow fan speed has been significantly reduced compared to conventional models, contributing to increased comfort for occupants.

Minimise Cold Draughts

The Horizontal Airflow function prevents both cold draughts and/or heating airflow from striking occupants directly, thereby keeping people from becoming over-chilled/over-heated.



PLA Series Features



Built-in Filter



Horizontal Airflow



4-Way Airflow



Filter Check Signal



High Ceiling Mode



Wave Airflow
(Auto Vane Mode)



Auto Vane



3D i-See Sensor

PEFY VMA Ducted Series (OmniCore Pro Multi Series only)



Dimensions (WxDxH):
 PEFY-P20-32: 700 x 732 x 250mm
 PEFY-P40-50: 900 x 732 x 250mm

PEFY-P20VMA-E
 Heating Capacity: 2.5 kW | Cooling Capacity: 2.2 kW

PEFY-P25VMA-E
 Heating Capacity: 3.2kW | Cooling Capacity: 2.8 kW

PEFY-P32VMA-E
 Heating Capacity: 4.0kW | Cooling Capacity: 3.6 kW

PEFY-P40VMA-E
 Heating Capacity: 5.0kW | Cooling Capacity: 4.5 kW

PEFY-P50VMA-E
 Heating Capacity: 6.3kW | Cooling Capacity: 5.6 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



The PEFY VMA Series offers a wide range of external static pressure and a low profile design that provides flexibility for narrow ceiling spaces.

Compact Design

Slim design with a height of no more than 250mm enables installation in ceilings with a small cavity.

Maximum External Static Pressure of 150Pa

Five-stage external static pressure settings provide flexibility for duct extension, branching and air outlet configuration and are adjustable to meet different application conditions. Settings range to a maximum of 150Pa.

External Static Pressure Setting

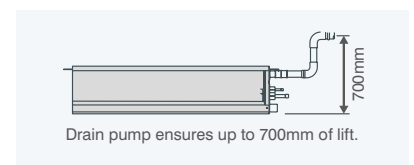
Series	20	25	32	40	50
PEFY-P VMA-E	35/50/70/100/150 Pa				

Air Inlet Direction Can Easily be Changed

By only switching the closing board and air filter, the inlet layout can be altered from the rear inlet. (At the time of factory shipment: rear inlet)

Built-in Drain Pump

The PEFY-P VMA includes a built-in drain pump.



PEFY VMA Series Features



Whisper Quiet Operation



Wide Selection of Fan Speeds and Static Pressure



Air Cleaning Filter



Compact Design



Easy Installation



Optional Wi-Fi Control

PEFY VMX Ducted Series (OmniCore Pro Multi Series only)



Dimensions (WxDxH):
 PEFY-P20-40: 698 x 450* x 200mm
 PEFY-P50: 948 x 450* x 200mm
 PEFY-P63: 1148 x 450* x 200mm

PEFY-P20VMX-E
 Heating Capacity: 2.5 kW | Cooling Capacity: 2.2 kW

PEFY-P25VMX-E
 Heating Capacity: 3.2kW | Cooling Capacity: 2.8 kW

PEFY-P32VMX-E
 Heating Capacity: 4.0kW | Cooling Capacity: 3.6 kW

PEFY-P40VMX-E
 Heating Capacity: 5.0kW | Cooling Capacity: 4.5 kW

PEFY-P50VMX-E
 Heating Capacity: 6.3kW | Cooling Capacity: 5.6kW

PEFY-P63VMX-E
 Heating Capacity: 8.0kW | Cooling Capacity: 7.1kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



With a compact depth design and multiple air inlet positions, the PEFY VMX Series offers the ultimate in flexible installation.

Compact Design

The V-shaped design of the heat exchanger has allowed us to reduce the depth to just 450mm*, while the thin body height of just 200mm allows for installation in tight spaces such as above built-in wardrobes.



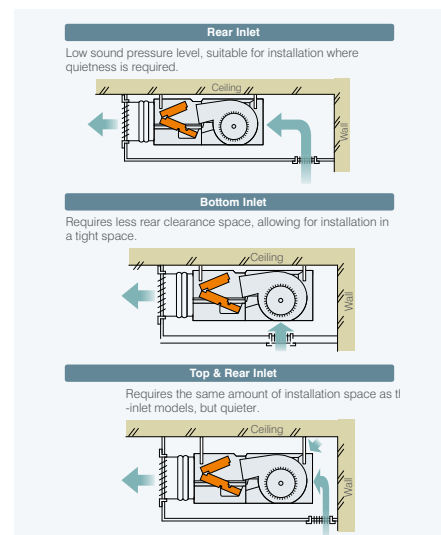
Flexible Air Inlet Position

The compact PEFY VMX Series allows flexible installation options with three easily changeable air inlet positions.

Changeable Static Pressures

The range features the added flexibility of a selection of changeable static pressures.

Series	20	25	32	40	50	63
PEFY-P VMX	4/15/35 Pa			4/15/35/45 Pa		



PEFY VMX Series Features



Whisper Quiet Operation



Wide Selection of Fan Speeds and Static Pressure



Air Cleaning Filter



Compact Design



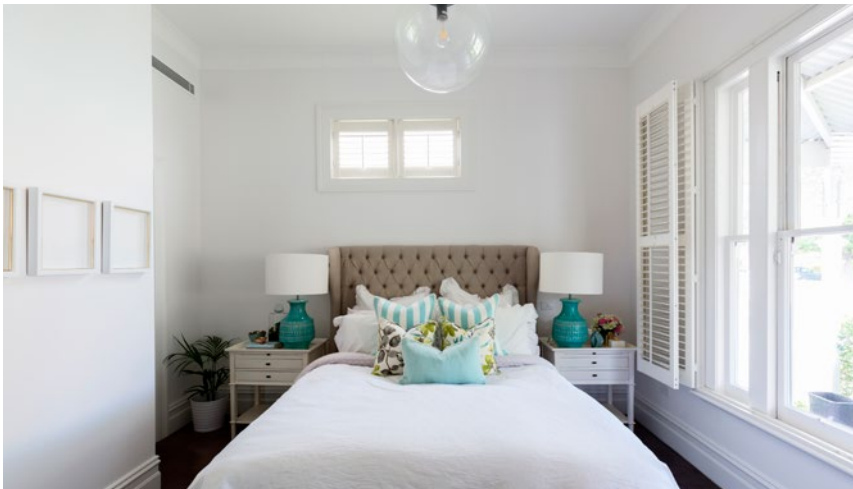
Easy Installation



Optional Wi-Fi Control

*Duct flange and filter are excluded.

PEAD Ducted Series



The unobtrusive PEAD Ducted Whole Home System is specifically designed for installations where ceiling space is minimal. The system is super energy efficient and whisper quiet. With only its grilles visible, it is the perfect hidden comfort solution for heating or cooling multiple rooms at the same time.

High Energy Saving Efficiency

The PEAD Series achieves enhanced energy savings through adopting a highly efficient DC fan motor, contributing to an impressive reduction in electricity costs.

Ideal Airflow

The flexible duct design and variable-pressure of our ducted systems increase variation in airflow options, ensuring the system operates in a way that best suits virtually all room layouts.

Wide Selection of Fan Speeds and External Static Pressure

With a wide range of adjustable static pressures and fan speeds, these units are applicable to a wide range of building types and applications.

Increase Savings by Combining Lossnay Ventilation

Further increase energy savings while ventilating your home through the combination of a PEAD Ducted System interlocked with Mitsubishi Electric Lossnay. Both systems work in unison to intuitively remove stale air and control moisture whilst simultaneously recovering energy to provide your home with fresh, clean comfort. Recovered energy from outgoing stale air is used to pre-heat or pre-cool incoming fresh air. The net effect; an overall reduction in additional heating or cooling required.

PEAD Series Features



Whisper Quiet Operation



Wide Selection of Fan Speeds and Static Pressure



Air Cleaning Filter



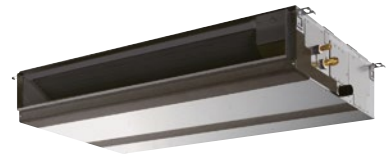
Compact Design



Easy Installation



Lossnay Interlock



Dimensions (WxDxH):

PEAD-M50: 900 x 732 x 250mm

PEAD-M60: 1100 x 732 x 250mm

PEAD-M71: 1100 x 732 x 250mm

PEAD-M100: 1400 x 732 x 250mm

PEAD-M50JAA

Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW

PEAD-M60JAA

Heating Capacity: 7.0 kW | Cooling Capacity: 6.0 kW

PEAD-M71JAA

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

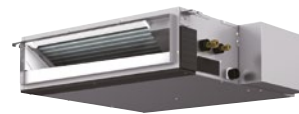
PEAD-M100JAA

Heating Capacity: 11.2 kW | Cooling Capacity: 10.0 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.



SEZ Ceiling Concealed Series



Dimensions (WxDxH):
SEZ-M35-50DA: 990 x 700 x 200mm
SEZ-M60-71DA: 1190 x 700 x 200mm

SEZ-M35DA3**

Heating Capacity: 4.0 kW | Cooling Capacity: 3.5 kW

SEZ-M50DA3**

Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW

SEZ-M60DA3**

Heating Capacity: 7.0 kW | Cooling Capacity: 6.0 kW

SEZ-M71DA3**

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

Please note that the capacities may vary depending on the indoor/outdoor unit combination.

Compact, whisper quiet and highly efficient, our ceiling concealed SEZ Series fit easily and discreetly into rooms with lowered ceilings. Optional fresh air intake provides all-round refreshing comfort.

Compact Design

Ceiling concealed and a slim 200mm in height, the SEZ Series is ideal for tight installation spaces.

Quiet Comfort

The SEZ Series offers whisper quiet operation, starting at a hushed 23dBA.*

Air Cleaning Filter

This built-in filter removes dust and other irritating particles, keeping the air clean at all times. Maintenance is as simple as vacuuming.

Easy Installation

The SEZ Series lightweight design and low unit height makes for an easier and more convenient installation.

OPTIONAL
Wi-Fi
CONTROL

SEZ Series Features



Whisper Quiet Operation



Lossnay Interlock



Easy Installation



Compact Design



Low Temperature Performance



Air Cleaning Filter

* SEZ-M35DA indoor sound level on low fan speed

** SEZ-M35/50/60/71DA3 indoor unit require compatible MXZ outdoor units with the "-A2" suffix.

PCA Under-Ceiling Series (OmniCore Pro Multi Series only)



Dimensions (WxDxH):
 PCA-M50: 960 x 680 x 230mm
 PCA-M60-71: 1280 x 680 x 230mm
 PCA-M100: 1600 x 680 x 230mm

PCA-M50KA3

Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW

PCA-M60KA3

Heating Capacity: 7.0kW | Cooling Capacity: 6.0kW

PCA-M71KA3

Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

PCA-M100KA3

Heating Capacity: 11.2 kW | Cooling Capacity: 10.0 kW

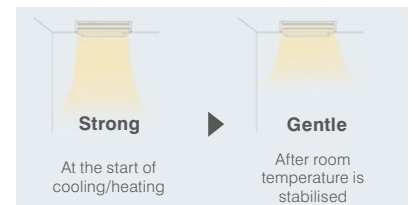
Please note that the capacities may vary depending on the indoor/outdoor unit combination.

OPTIONAL
Wi-Fi
CONTROL

A stylish, slimline indoor unit designed to provide comfort in large areas such as conference rooms or open plan offices – the PCA Under-Ceiling Series is designed to blend in seamlessly at ceiling height. With four speed settings and auto air-speed adjustment, the ceiling suspended units are ideal for small and large areas alike.

Automatic Air-Speed Adjustment

In addition to the conventional 4-speed setting, units are now equipped with an Automatic Air-Speed Adjustment Mode. This setting automatically adjusts the air-speed to conditions that match the room environment. At the start of heating/cooling operation, the airflow is set to high-speed to quickly heat/cool the room. When the room temperature reaches the desired setting, the airflow speed is decreased automatically for stable, comfortable heating/cooling operation.

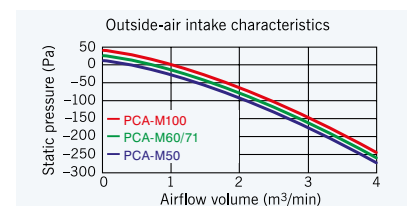


Fresh Air Intake

The PCA Series is equipped with an optional Fresh Air Intake on the main body of the indoor unit. This makes it possible to bring fresh air in directly, where it can then be heated to provide clean, refreshing comfort.

High/Low Ceiling Mode

All PCA Series units are equipped with High and Low Ceiling operation modes that make it possible to switch the airflow volume to match room height.



PCA Series Features



Built-in Filter



Horizontal Airflow



High Ceiling Mode



Filter Check Signal



Auto Vane



Wave Airflow
(Auto Vane Mode)

Specifications



Outdoor Units

OmniCore Classic Multi Series Outdoor Unit

MODEL NAME				MXZ-2F52VF	MXZ-3F54VGD	MXZ-4F71VGD	MXZ-4F80VGD	MXZ-5F100VGD	MXZ-6F120VGD
CONNECTABLE INDOORS				2 indoor units	2-3 indoor units	2-4 indoor units	1-4 indoor units [†]	1-5 indoor units [†]	1-6 indoor units [†]
Refrigerant				R32					
COOL	Capacity	Rated	[kW]	5.2	5.4	7.1	8.0	10.0	12.0
		Min-Max	[kW]	1.1 - 5.6	2.9 - 6.8	3.7 - 8.8	3.7 - 9.2	3.9 - 11.0	3.5 - 14.0
	Input		[kW]	1.38	1.25	1.79	1.98	2.84	3.30
	EER ²			3.77	4.32	3.97	4.04	3.52	3.64
	Sound Level (Rated)		[dBA]	46	46	48	49	52	53
	Rated Current ¹		[A]	6.3	5.5	7.9	8.7	12.5	14.5
	Air Volume (High)		[L/s]	545	583	633	866	983	1050
HEAT	Capacity	Rated	[kW]	6.1	7.0	8.0	8.8	10.0	13.2
		Min-Max	[kW]	1.0 - 7.0	2.6 - 9.0	3.4 - 10.7	3.4 - 11.6	4.1 - 14.0	3.5 - 16.5
	Input		[kW]	1.49	1.43	1.67	1.68	2.07	3.00
	COP ²			4.09	4.90	4.79	5.24	4.83	4.40
	Sound Level (Rated)		[dBA]	50	50	54	51	56	57
	Rated Current ¹		[A]	6.7	6.3	7.4	7.4	9.1	13.2
	Air Volume (High)		[L/s]	578	583	733	966	1133	1283
Max. Total Connectable Capacity		[kW]	7.5	10.0	12.5	14.5	17.1	18.0	
Power Supply [V, Phase, Hz]				230V, Single Phase, 50Hz, Outdoor Power Supply					
Outdoor	Dimensions (WxDxH)		[mm]	800 x 285 x 550	840 x 330 x 710	840 x 330 x 710	950 x 330 x 796	950 x 330 x 796	950 x 330 x 1048
	Weight		[kg]	37	58	59	61	62	87
Ext. Pipe	Liquid (Diameter)		[mm]	6.35 x 2	6.35 x3	6.35 x4	6.35 x4	6.35 x5	6.35 x6
	Gas (Diameter)		[mm]	9.52 x 2	9.52 x3	9.52 x3 + 12.7 x1	9.52 x3 + 12.7 x1	9.52 x4 + 12.7 x1	9.52 x5 + 12.7 x1
	Max. Length ⁵ (Total/Each)		[m]	30/20	50/25	60/25	70 / 25	80 / 25	80 / 25
	Max. Height [†]		[m]	15 (10) ⁵	15 (10) ⁵	15 (10) ⁵	15	15	15
	Chargeless Length		[m]	30	50	60	70	80	80
Outdoor	Cooling		[°C]	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46
	Heating		[°C]	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24

OmniCore Pro Multi Series Outdoor Unit

MODEL NAME				PUMY-SP80VKMD2	PUMY-SP112VKMD2	PUMY-SP125VKMD2	PUMY-SP140VKMD2
CONNECTABLE INDOORS				2-7 indoor units	2-8 indoor units	2-8 indoor units	2-8 indoor units
Refrigerant				R410A			
COOL	Capacity	Rated	[kW]	9.0	12.5	14.0	15.5
		Input	[kW]	2.11	3.10	3.84	4.31
	EER ²		4.27	4.03	3.65	3.60	
	Sound Level		[dBA]	51	52	53	54
	Rated Current ¹		[A]	9.36	13.75	17.04	19.43
HEAT	Capacity	Rated	[kW]	10.0	14.0	16.0	16.5
		Input	[kW]	2.27	3.17	3.90	4.02
	COP ²		4.41	4.42	4.10	4.10	
	Sound Level		[dBA]	54	54	56	56
	Rated Current ¹		[A]	10.07	14.06	17.30	17.83
Max. Total Connectable Capacity		[kW]	11.7	16.2	18.2	20.2	
Power Supply [V, Phase, Hz]				Single Phase 220-230-240V, 50Hz; Single Phase 220v, 60Hz			
Outdoor	Dimensions (WxDxH)		[mm]	1050 x 330(+25) x 981			
	Weight		[kg]	93			
	Air Volume ³		[L/s]	1250	1283	1383	1383
Ext. Pipe	Liquid (Diameter)		[mm]	9.52			
	Gas (Diameter)		[mm]	15.88			
	Max. Length ⁴		[m]	120			
	Max. Height ^{††}		[m]	30 (50) ^{††}			
Outdoor	Cooling		[°C]	-5 / +52*			
	Heating		[°C]	-20 / +15*			

¹ Electrical data is for outdoor unit only.

² MXZ-2F52VF » MSZ-LN25VG2 x2
 MXZ-3F54VGD » MSZ-LN25VG2 x3
 MXZ-4F71VGD » MSZ-LN25VG2 x4
 MXZ-4F80VGD » MSZ-LN25VG2 x4
 MXZ-5F100VGD » MSZ-LN25VG2 x5
 MXZ-6F120VGD » MSZ-LN25VG2 x6
 PUMY-SP112 » PEFY-P25VMA x2 + PEFY-P32VMA x2
 PUMY-SP125 » PEFY-P25VMA x1 + PEFY-P32VMA x3
 PUMY-SP140 » PEFY-P32VMA x2 + PEFY-P40VMA x2

³ HEATING Indoor: 20°C DB.
 Outdoor: 7°C DB, 6°C WB.

⁴ Maximum length is inclusive of height differential.

⁵ If the outdoor unit is installed higher than the indoor unit, maximum height is reduced.

^{††} If the outdoor unit is installed lower than the indoor unit, maximum height is reduced.

NOTE:

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.

Refrigerant piping length (one way): 5m

Running Current and Power Input figures are for outdoor unit only.

Please note:

Final outdoor unit selection will be affected by several different factors. The combination of rooms and their location, as well as operating use, will determine which of the proposed models you require. In many cases, an outdoor unit with a lower heating capacity may be adequate where not all indoor units are required to operate in maximum heating mode simultaneously. Or, if you are considering adding more indoor units in the future, in the interests of future-proofing, you may be best to select an outdoor unit capable of providing more capacity than you currently require.

[†] At least two indoor units must be connected when using indoor unit with capacity lower than 25 Class.

* 10 to 52.; when connecting the following models: M Series, S Series and P Series type indoor unit with branch box, M Series type indoor unit with connection kit; -15 to 52.; when using an optional air protect guide[PAC-SH95AG-E1].

Pipe Size Chart

Inches	mm
1/4	6.35
3/8	9.52
1/2	12.7
5/8	15.88
3/4	19.0
7/8	22.2
1	25.4

Wi-Fi Control

Wi-Fi Control Features

- ✓ **Turn Heat Pumps On/Off**
Ensures superior control over heat pump systems by allowing you to turn your heat pump on/off.
- ✓ **Change Modes**
Choose from the five operating modes available: Auto, Heat, Dry, Fan and Cool. This feature allows you to customise your system to meet your needs.
- ✓ **Change Fan Speeds**
Specify a fan speed between one and five or allow the system to automatically adjust to the requirements of the area.
- ✓ **Change Airflow Direction**
Vane positions provide directional control of airflow from the indoor unit. Choose Auto, Swing or set a specific direction to target key areas in the room.
- ✓ **Change Temperature**
Displays actual room temperature information allowing you to adjust your heat pump settings to suit the conditions.
- ✓ **Develop Operating Rules**
Programme your system to automatically turn on/off at specific times, change settings and develop temperature rules to ensure superior comfort day after day.
- ✓ **Energy Saving, Optimised**
When connected to a compatible Mitsubishi Electric Ducted System complete with optional PAC-ZC Zone Control, Wi-Fi Control unlocks expanded functionality and interaction to deliver the very best in advanced energy optimisation.



Enjoy Hands-Free Voice Control*

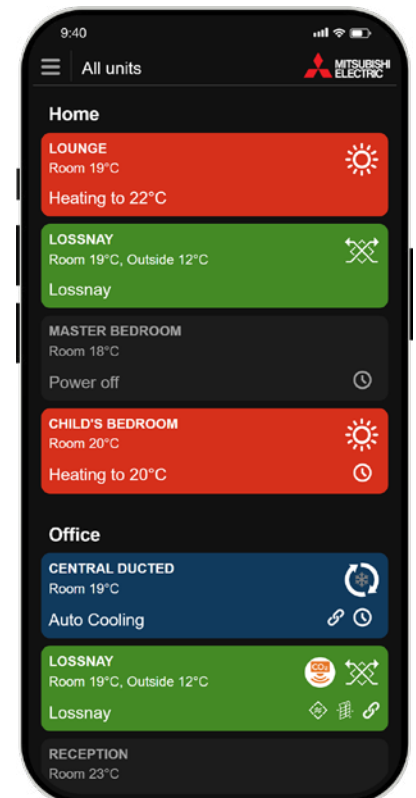
Mitsubishi Electric Heat Pumps connected with built-in or optional Wi-Fi Control are now also Voice Control compatible when linked up to an Amazon Alexa or Google Home smart device*. Now you can take your comfort to the next level and enjoy hands-free heat pump control so you can focus on the more important things in life.

For more information on Voice Control please visit www.mitsubishi-electric.co.nz/voice

Important Note on Wi-Fi Energy Monitoring:

Indoor units connected to OmniCore Multi Room Systems do not support Energy Monitoring, even if the model typically includes it. This includes all indoor units from the Smart Family range.

Wi-Fi Control remains available, but Energy Monitoring will be disabled when connected to a Multi-Room Outdoor Unit.

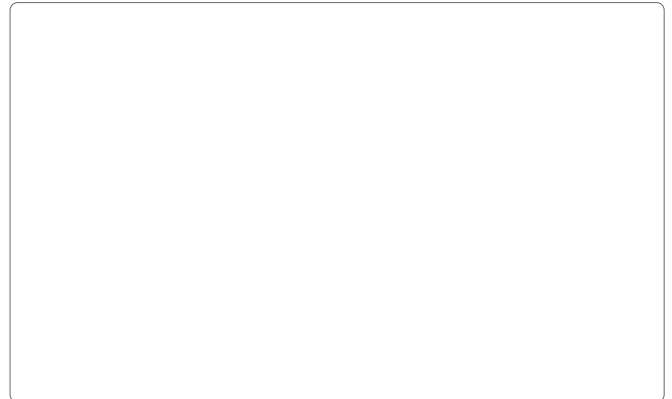


* For Voice Control you will need a smart speaker/display/assistant/phone compatible with Amazon Alexa or Google Assistant.


Recommended Heat Pumps



Store Contact Details



Staple business card here

 <p>AP Series High Wall</p> <p>See page 10-12</p>	 <p>EF Designer Series High Wall</p> <p>See page 13</p>	 <p>LN Black Diamond Series High Wall</p> <p>See page 14-15</p>
 <p>KW RapidHeat Series Floor Console</p> <p>See page 16-17</p>	 <p>PFFY Series Concealed Floor Console</p> <p>See page 18</p>	 <p>AireTile Slim MLZ Series One-Way Ceiling Cassette</p> <p>See page 19</p>
 <p>SLZ Series Compact Ceiling Cassette</p> <p>See page 20</p>	 <p>PLA Series Ceiling Cassette</p> <p>See page 21</p>	 <p>SEZ Series Ceiling Concealed</p> <p>See page 25</p>
 <p>PEFY Series Ducted</p> <p>See page 22 - 23</p>	 <p>PEAD Series Ducted</p> <p>See page 24</p>	 <p>PCA Series Under-Ceiling</p> <p>See page 26</p>

Choose the right one!
 Visit our online Heat Pump Selector at:
www.mitsubishi-electric.co.nz/heatpump/selector





Black Diamond Technologies and Mitsubishi Electric – an Exclusive Partnership Since 1981

The Mitsubishi Electric Product Range has been exclusively distributed by 100% locally Owned and Operated Black Diamond Technologies Limited for over 45 years in New Zealand.

The combination of an internationally trusted brand with the comfort of a locally owned and operated company means that you will always get the best products, the best local service and the best local support.

Based in Wellington with a further 4 support offices throughout New Zealand, Black Diamond Technologies Limited is here to help.



Our Vision – Creating New Zealand’s Sustainable Future

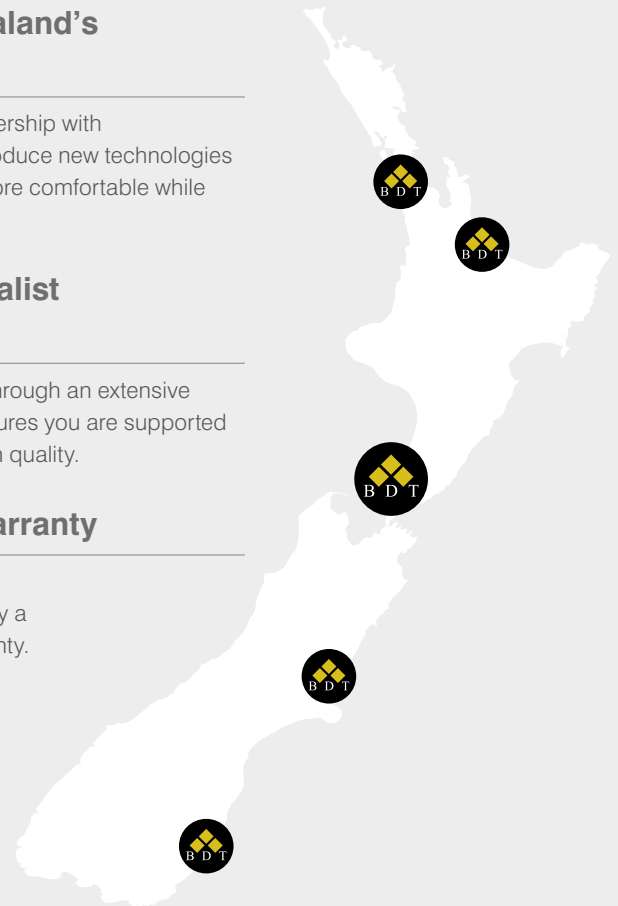
Black Diamond Technologies Limited in partnership with Mitsubishi Electric, strives to develop and introduce new technologies for New Zealanders that will make our lives more comfortable while also creating a greener tomorrow.

Our Nationwide Trained Specialist Installation Network

Mitsubishi Electric Heat Pumps are installed through an extensive network of trained specialist dealers. This ensures you are supported with a superior level of product and installation quality.

Our Comprehensive 5 Year Warranty

Peace of mind is assured with your choice of Mitsubishi Electric Heat Pumps – supported by a comprehensive 5 year parts and labour warranty.



For more information please visit our website
or call our Customer Service Team.

www.mitsubishi-electric.co.nz | 0800 784 382

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 PLEASE LOOK AFTER THE ENVIRONMENT AND RECYCLE