![MITSUBISHI ELECTRIC]

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.

OmniCORE
The Heart of Multi Room

Contents

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.

✔ 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)

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.

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

Floor Console

High Wall

Refrigerant Piping

Ceiling Cassette

OmniCORE
Outdoor Unit

Ducted Ceiling Concealed

Ceiling Grille
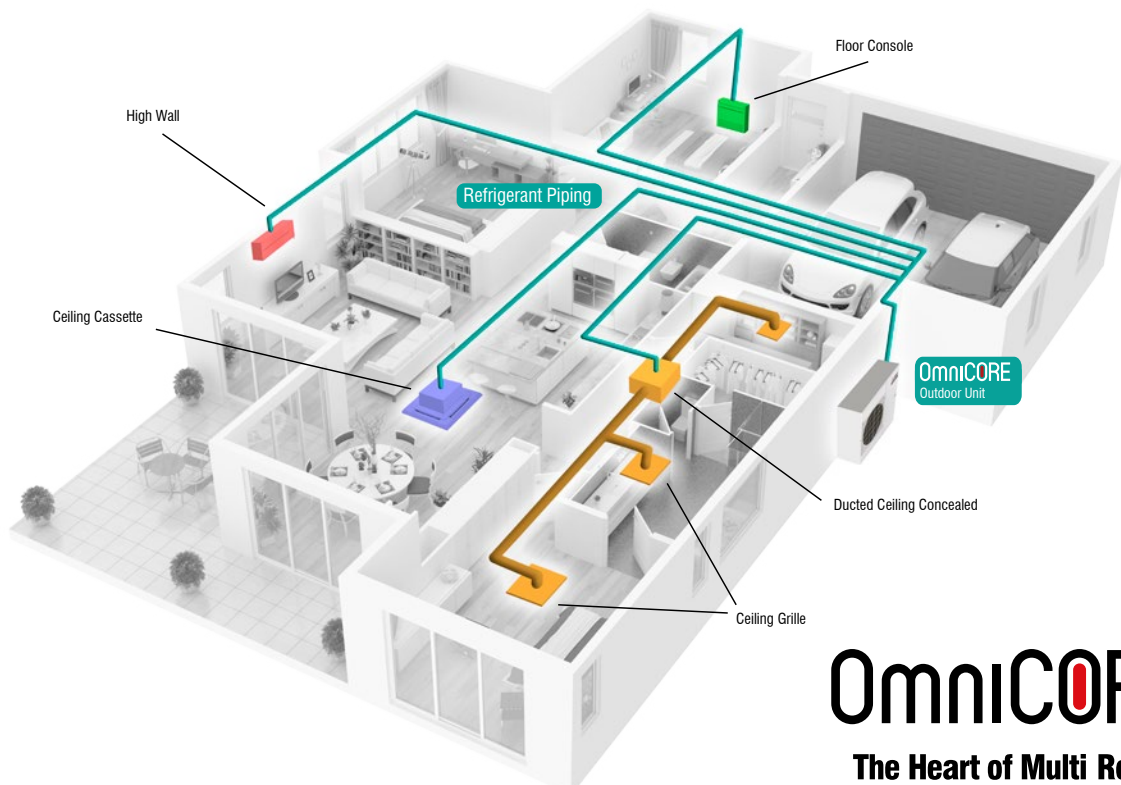
OmniCORE
The Heart of Multi Room

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.
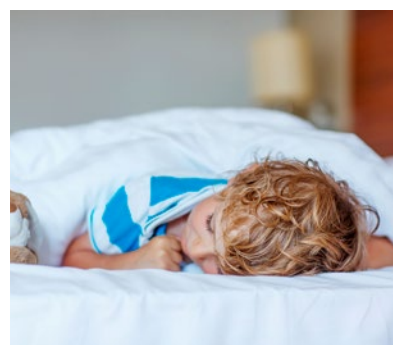
Future-Proof and Add Units as Your Family Grows

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.
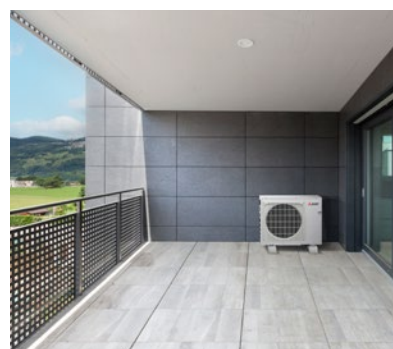
Optional Ventilation

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.
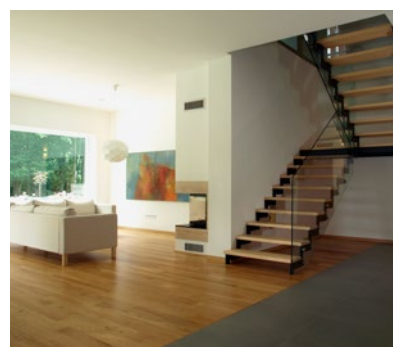
Add Optional Lossnay Ventilation

Brings cool outside fresh air in

Recovers heat from outgoing air

Stale indoor air is removed

Incoming fresh air is pre-warmed

Ventilating your home is vital as it maintains air quality and reduces moisture, creating a healthier and more comfortable environment. The Mitsubishi Electric Lossnay System is a patented heat recovery ventilation solution that uses fresh outdoor air (not attic air) to ventilate your home. The system works by extracting stale air from inside your house and replacing it with allergen-reduced fresh air from outside.

Ventilation and Airtight Building Design

Creating a healthy living environment is important when renovating or building a new home – you will want the perfect indoor climate year-round. In addition to efficient heating and cooling, this should include the optimum amount of circulating fresh air.

Current building regulations now demand homes to be built more airtight as they are subjected to higher insulation standards. The option of leaving doors or windows open to allow more fresh air to enter is often not the solution from an outdoor noise or security perspective.

Ventilation, Condensation and Moisture Management

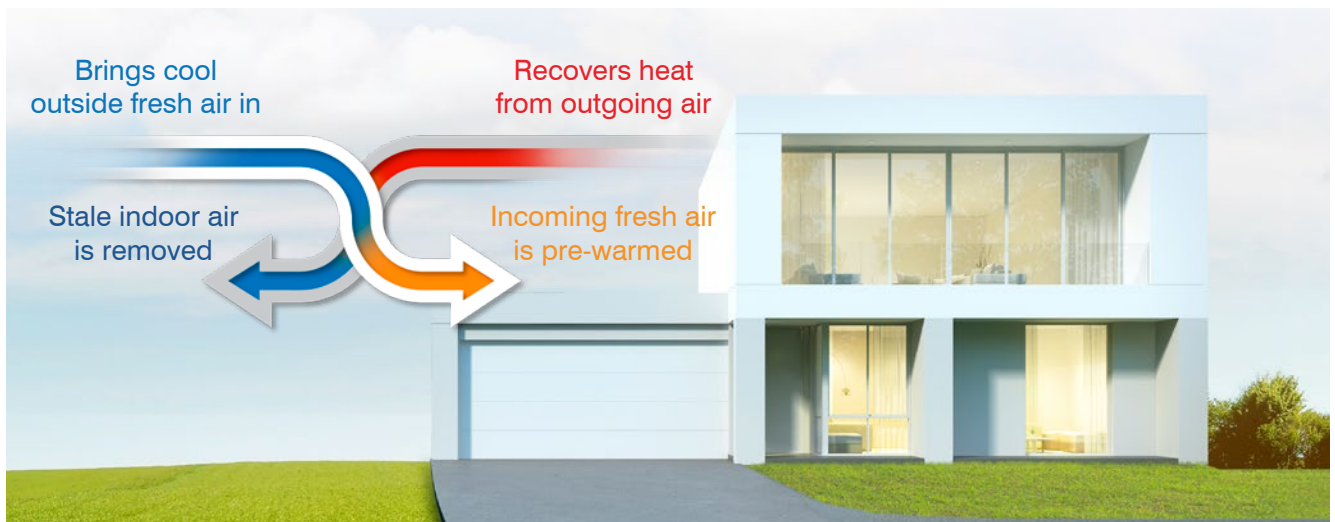The lack of natural ventilation due to airtight spaces can lead to the build-up of moisture-laden stale air within the home. This is the perfect breeding ground for mould that can trigger allergy or respiratory problems.

Mould and dampness can compromise both building materials as well as furnishings inside the home.

Common places for mould to grow include window sills, curtains and carpets.

Maximise Heat Recovery Even From Warm Damp Areas[1]

With its unique and highly efficient heat recovery ability, Mitsubishi Electric VL-type Lossnay Heat Recovery Systems maximise recovery of the available heat energy from outgoing stale air, as well as heat energy contained in moist air from damp areas such as bathrooms, toilets and kitchens. The Lossnay VL Series is available in either an in-ceiling or vertical solution, so there is an option to suit most New Zealand homes.

[1] Featured on the VL-type Heat Recovery Systems.

Features

Improved Air Quality
Brings in fresh outdoor air instead of polluted attic air. Removes odours, CO_2 and other pollutants from your home.

Creates a Healthier Home
Filtered fresh air elevates air quality for allergy and asthma sufferers.

Fresh Air Without Opening Windows
This improves the safety of your home and minimises outdoor noise.

Energy Efficient
Incoming fresh air is pre-warmed so your heating system isn't required to work as hard to reach desired temperatures. This is highly energy efficient, and can help reduce heating bills.

Retains Heat
Lossnay's unique Heat Recovery Technology collects up to 92% of the heat energy in outgoing air which is then used to pre-warm or pre-cool the fresh air vented in.

Assists Moisture and Condensation Control
Lossnay effectively controls moisture in your home by directly removing stale air that causes condensation via the Lossnay Core.

Balanced Pressure, No Draughts
Lossnay brings in the optimum amount of fresh air without creating draughts and minimising indoor temperature fluctuations.

Free Summer Cooling[*2]
When Auto Mode is activated cooler fresh air is introduced and stale air is extracted, bypassing the Lossnay Core. This is ideal for cooling down a dwelling that may have overheated during the day, once the outside temperature has dropped in the evening.

For details on Lossnay product solutions and Lossnay Advanced Wi-Fi Control, see page 32.

Make Heat Recovery Ventilation Visible – with Advanced Lossnay Wi-Fi Control

Now you can see by how many degrees[*3] Lossnay is pre-warming or pre-cooling your home in real time, helping you save on your power bill because less additional heating is required to get a room up to the desired temperature.

The App will also proactively remind you when it is time to clean your filters to maximise both cost efficient operation and health benefits.

Pre-warming

Automatic Free Cooling

Note: App screens are subject to change from brochure publication date.

How it Works

EXTRACTS STALE AIR
Extracts stale air removing toxins and reducing humidity.

SUPPLIES FRESH AIR
Supplies fresh air increasing the oxygen levels in the home and assists with managing the build-up of moisture.

HEAT RECOVERY
Recovers up to 92% of the heat energy from the outgoing air to preheat the incoming air, saving you money.
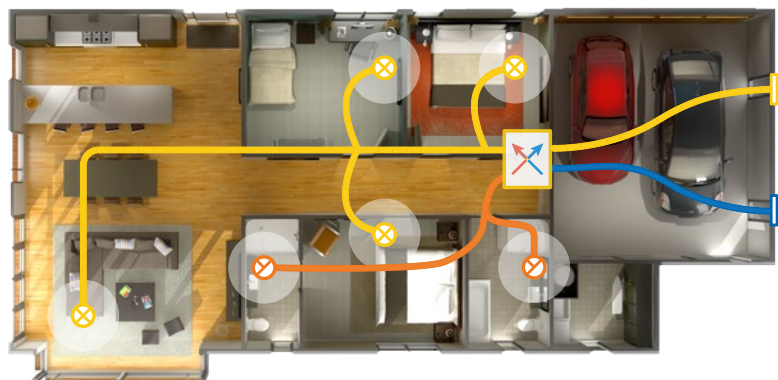
*2 In comparison to using a dedicated cooling device. The unit will continue to use a small amount of power to circulate the pre-cooled air.
*3 The outside 'Fresh Air' and the inside 'Avg Temp' air temperatures are measured by the built-in sensors that are centrally located in the main Lossnay Ventilation unit.

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
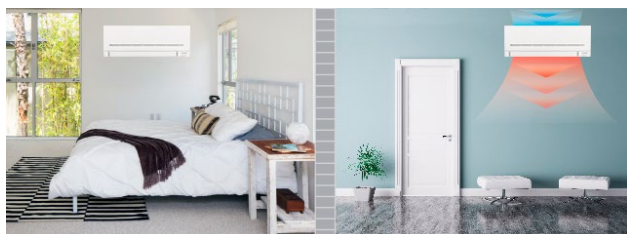
MSZ-AP42VG
This unit is currently turned off

MSZ-AP50VG
Produces **5.8kW** when only one is running
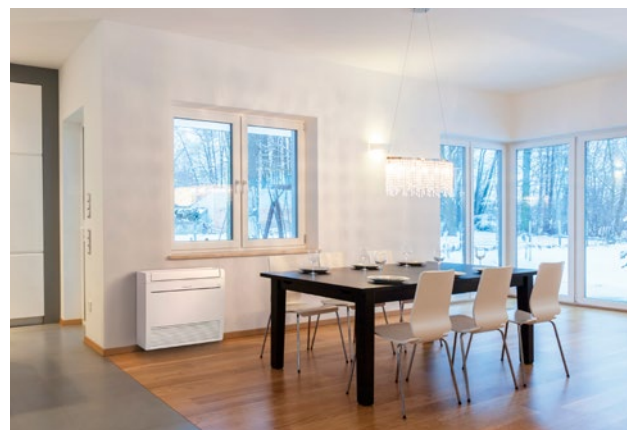
Book a Free In-Home Consultation

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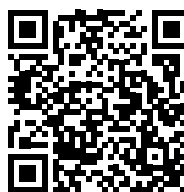
What Indoor Units Can I Connect to My OmniCore Multi Room Heat Pump System?

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
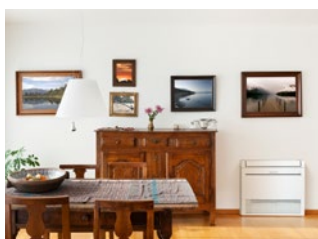
Floor Console

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
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
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

Small to Medium Homes

Larger Homes and Light Commercial

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
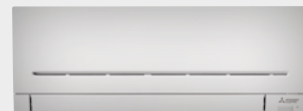
MSZ-AP50VG (Class 50)
High Wall Indoor Unit

MFXZ-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!

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

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.

Controllers
Refer to page 30 – 31 for the full list of available controls.

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.

[*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.

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

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!

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

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-200E, AE-50E, EW-50 and AT-50B, providing full centralised control!
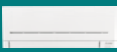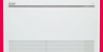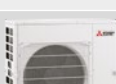
Optional Ventilation
If you're looking to create the perfect indoor environment for your home using an OmniCore Multi Room System, it is worth considering your home's ventilation requirements. Mitsubishi Electric offer a range of Whole Home Heat Recovery Ventilation Systems that ensure clean, fresh air is supplied throughout your home.

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

Compatibility Chart

Outdoor Units	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 12	Page 14	Page 15	Page 16	Page 18

OmniCore Classic Multi Series

Outdoor Units	AP Series	AP Mini	EF Designer Series	LN Black Diamond Series	KW RapidHeat 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

Outdoor Units	AP Series	AP Mini	EF Designer Series	LN Black Diamond Series	KW RapidHeat 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.
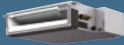
[2] Note: The MXZ-5F100 and MXZ-6F120 can only use 1x PEAD-M71.

*Total maximum capacity connectable.

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

OmniCore does not support Energy Monitoring

PFFY Series	SEZ Series	PEFY-VMA	PEFY-VMX	PEAD Series	MLZ Series	SLZ Series	PLA Series	PCA Series
Concealed Floor Console	Ceiling Concealed	Ducted	Ducted	Ducted	One-Way Ceiling Cassette	Compact Ceiling Cassette	Ceiling Cassette	Under-Ceiling
Page 20	Page 21	Page 22	Page 23	Page 24	Page 25	Page 26	Page 27	Page 28
	SEZ-M35				MLZ-KP25 MLZ-KP35	SLZ-M25 SLZ-M35		
	SEZ-M35 SEZ-M50			PEAD-M50	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50		
	SEZ-M35 SEZ-M50 SEZ-M60			PEAD-M50 PEAD-M60	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50		
	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71*1			PEAD-M50 PEAD-M60 PEAD-M71*1	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50		
	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71			PEAD-M50 PEAD-M60 PEAD-M71*2	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50		
	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-M71			PEAD-M50 PEAD-M60 PEAD-M71*2	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50		
PFFY-P20 PFFY-P25 PFFY-P32 PFFY-P40 PFFY-P50	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-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	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50	PLA-M71	PCA-M50 PCA-M60 PCA-M71
PFFY-P20 PFFY-P25 PFFY-P32 PFFY-P40 PFFY-P50	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-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 PEAD-M100	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50	PLA-M71 PLA-M100	PCA-M50 PCA-M60 PCA-M71 PCA-M100
PFFY-P20 PFFY-P25 PFFY-P32 PFFY-P40 PFFY-P50	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-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 PEAD-M100	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50	PLA-M71 PLA-M100	PCA-M50 PCA-M60 PCA-M71 PCA-M100
PFFY-P20 PFFY-P25 PFFY-P32 PFFY-P40 PFFY-P50	SEZ-M35 SEZ-M50 SEZ-M60 SEZ-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 PEAD-M100	MLZ-KP25 MLZ-KP35 MLZ-KP50	SLZ-M25 SLZ-M35 SLZ-M50	PLA-M71 PLA-M100	PCA-M50 PCA-M60 PCA-M71 PCA-M100

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.

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
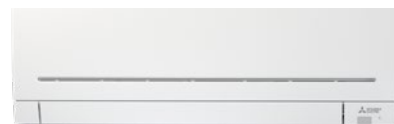
Dimensions (WxDxH): 1100 x 257 x 325mm

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.

18dBA AP25[*1]

AP Classic	AP Plus
OPTIONAL Wi-Fi CONTROL[*3]	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.

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.

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

Heat Exchanger

Fan

Air Duct

No Dual Barrier Coating
(Image after 10 years)

Dual Barrier Coating used

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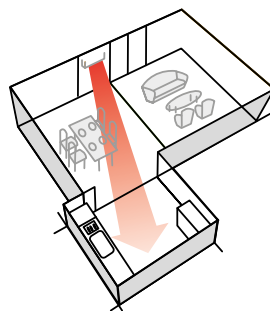
The Wide Airflow Mode enables airflow direction to be adjusted from left to right, ideal for open plan environments – ensuring every corner of the room is comfortable.

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.

Close-up of
Air Purifying Filter
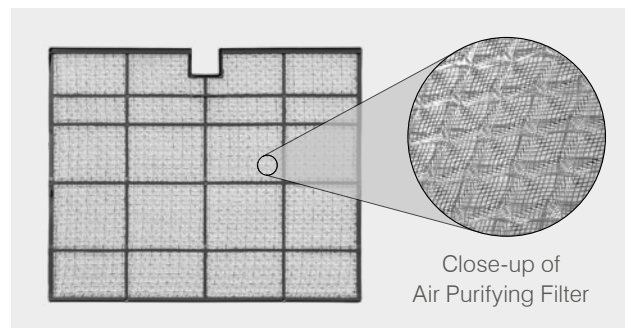
AP Series Features

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-AP20VGD
Heating Capacity: 2.5 kW | Cooling Capacity: 2.0 kW

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

AP MINI SIZE COMPARISON

AP15/20 Mini
178mm
250mm
760mm

AP25/35/42/50
219mm
299mm
798mm

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.

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.

16.4%
smaller† in height

Dual Barrier Coating

OPTIONAL
Wi-Fi
CONTROL*

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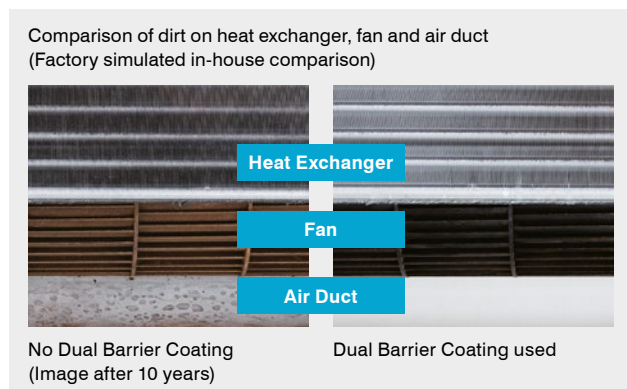* Wi-Fi adapter must be mounted externally. Wi-Fi Control Energy Monitoring is not currently available on Indoor units connected to OmniCore Multi Room Systems.

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!

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!

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.

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.

reddot design award

BUILT-IN Wi-Fi CONTROL[1]

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.
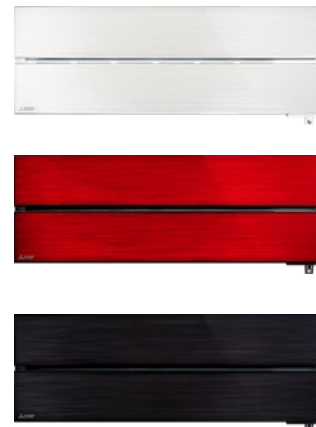
Dimensions (WxDxH): 890 x 233 x 307mm

MSZ-LN25VG2V/B/R
Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

MSZ-LN35VG2V/B/R
Heating Capacity: 4.0 kW | Cooling Capacity: 3.5 kW

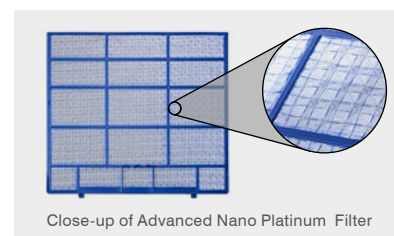**MSZ-LN50VG3V/B/R**
Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW

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

8 x 94 areas

752 three-dimensional zones
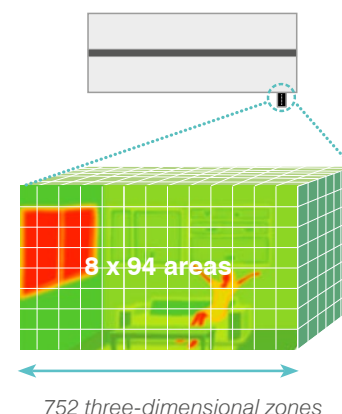
You always feel warm and comfortable as the direct heat follows you as you move around the room.

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.)

Heat Exchanger

Fan

Air Duct

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.
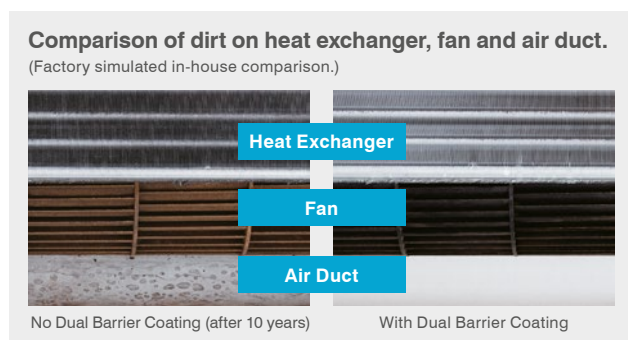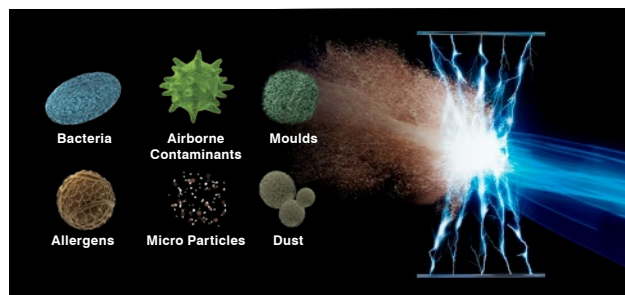
Protect Against Covid-19*

Bacteria   Airborne Contaminants   Moulds

Allergens   Micro Particles   Dust

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
3D i-See Sensor	Plasma Quad Plus Filtration System
Dual Split Vane Technology	LED Backlit 7-Day Programmable Controller
Night Mode	Auto Vane Control
i-Save Mode	
Econo Cool	
10°C Heating Mode	
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]

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.

[1] MFZ-KA Series.

RapidHeat°

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.

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!

Multi Vane Flow

Sleek, simple design

Recessable - reduces depth by 33% (70mm)

Removable base

Recessed with base removed (145mm)
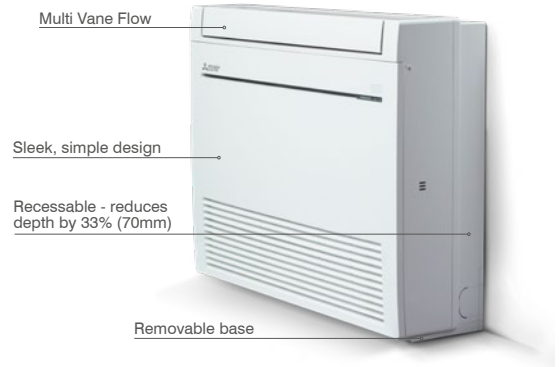
OPTIONAL
Wi-Fi
CONTROL*²

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

*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.

OPTIONAL
Wi-Fi CONTROL

PFFY Series Features

Electronic Dry Function	60Pa for Duct Extension	Compact Design
Washable Air Cleaning Filter	Optional Wi-Fi Control	

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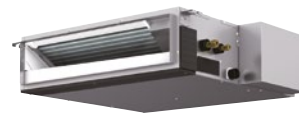
Dimensions (WxDxH):
SEZ-M35-50DA: 990 x 700 x 200mm
SEZ-M60-71DA: 1190 x 700 x 200mm

SEZ-M35DA
Heating Capacity: 4.0 kW | Cooling Capacity: 3.5 kW

SEZ-M50DA
Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW

SEZ-M60DA
Heating Capacity: 7.0 kW | Cooling Capacity: 6.0 kW

SEZ-M71DA
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.

PEFY VMA Ducted Series (OmniCore Pro Multi Series only)

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

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.

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.

Drain pump ensures up to 700 mm of lift.

OPTIONAL
Wi-Fi CONTROL

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)

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 Positions

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

Rear Inlet	Bottom Inlet	Top & Rear Inlet
Low sound pressure level, suitable for installation where quietness is required.	Requires less rear clearance space, allowing for installation in a tight space.	Requires the same amount of installation space as the bottom-inlet models, but quieter.

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	

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.

OPTIONAL
Wi-Fi CONTROL

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

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

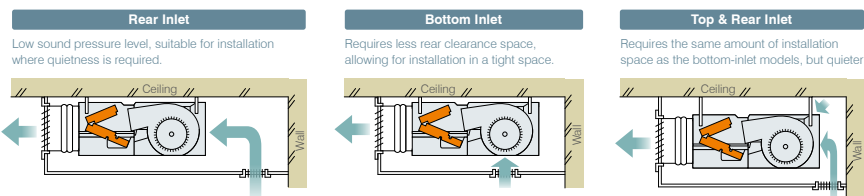Please note that the capacities may vary depending on the indoor/outdoor unit combination.

OPTIONAL
Wi-Fi CONTROL

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.

Lossnay Interlock

PEAD Series Features

- Whisper Quiet Operation
- Wide Selection of Fan Speeds and Static Pressure
- Air Cleaning Filter
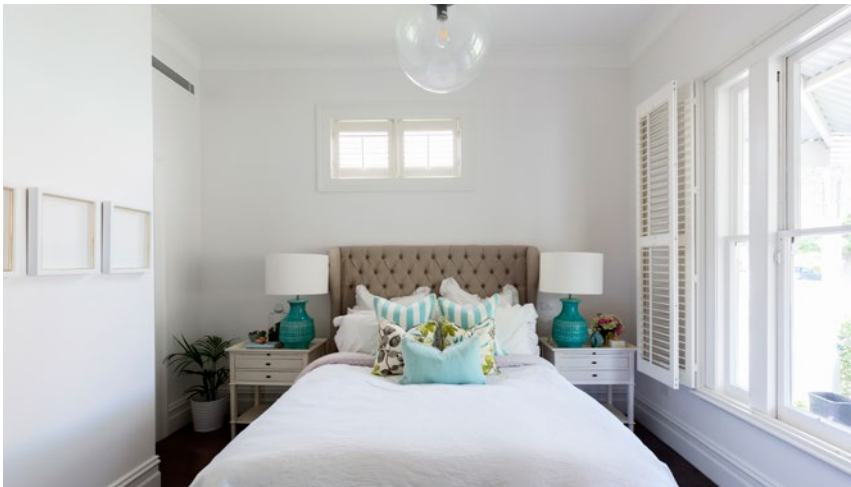- Compact Design
- Easy Installation
- Lossnay Interlock

SlimFit MLZ One-Way Cassette Series

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

MLZ-KP25VF

Heating Capacity: 3.2 kW | Cooling Capacity: 2.5 kW

MLZ-KP35VF

Heating Capacity: 4.1 kW | Cooling Capacity: 3.5 kW

MLZ-KP50VF

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 SlimFit MLZ One-Way Cassette Series with its streamlined design, airflow control features, and quiet operation from just 26dBA*, is ideal for small installation spaces where one-way air distribution is needed.

Sleek, Slimline Design

At just 185mm in height, the SlimFit MLZ Series is the perfect solution for low ceiling cavities, whilst the flat, pure white finish provides a sleek and discreet installation.

Dual Level Airflow Selection

The SlimFit MLZ Series is ideal for those with standard or high ceilings. With the ability to adjust airflow according to ceiling height and direction, uncomfortable draughts are a thing of the past.

Auto Vane Control

For the ultimate in airflow control, the SlimFit MLZ outlet vanes can be moved left, right, up and down using the remote controller; for airflow exactly where you want it.

Quiet Operation

Starting from just 26dBA*, the SlimFit MLZ Series offers unobtrusive, quiet comfort. No other one-way cassette is quieter!

OPTIONAL
Wi-Fi CONTROL

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

Up and Down   **Left and Right**
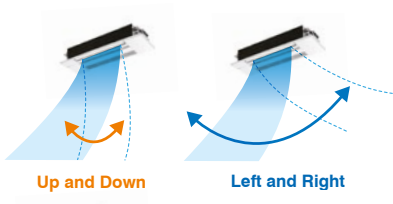
SlimFit MLZ Series Features

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

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

SLZ-M25FA-A
Heating Capacity: 3.0 kW | Cooling Capacity: 2.5 kW

SLZ-M35FA-A
Heating Capacity: 4.0 kW | Cooling Capacity: 3.5 kW

SLZ-M50FA-A
Heating Capacity: 5.0 kW | Cooling Capacity: 5.0 kW

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

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.

8 Sensors

i-see Sensor

OPTIONAL
Wi-Fi
CONTROL

SLZ Series Features

Horizontal Airflow	Auto Vane	3D i-See Sensor
Fresh Air Intake	Four-Way Airflow	Auto Change Over Function
Whisper Quiet Operation	Long-Life Filter	Handheld or Wall Mounted 7-Day Programmable Controller

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

PLA Cassette Series (OmniCore Pro Multi Series only)
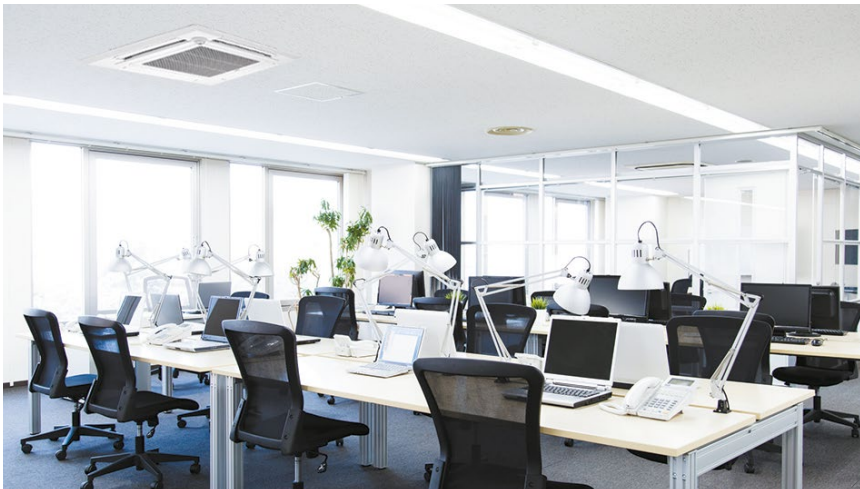
Unit Dimensions (WxDxH):
PLA-M71: 840 x 840 x 258mm
PLA-M100: 840 x 840 x 298mm
Panel Dimensions (WxDxH):
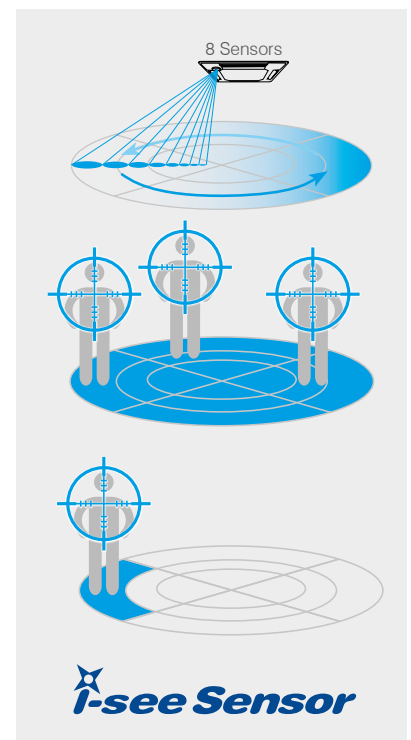PLA-M71: 950 x 950 x 40mm
PLA-M100: 950 x 950 x 40mm

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.

Vertical flow   Vertical flow   Vertical flow   Vertical flow

Wave Airflow Operation – Simultaneous horizontal and vertical operation ensures a comfortable room from corner to corner.

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.

OPTIONAL
Wi-Fi CONTROL

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			

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-M50KA2
Heating Capacity: 6.0 kW | Cooling Capacity: 5.0 kW

PCA-M60KA2
Heating Capacity: 7.0kW | Cooling Capacity: 6.0kW

PCA-M71KA2
Heating Capacity: 8.0 kW | Cooling Capacity: 7.1 kW

PCA-M100KA2
Heating Capacity: 11.2 kW | Cooling Capacity: 10.0 kW

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

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.
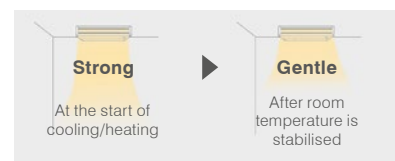
Fresh Air Intake

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.
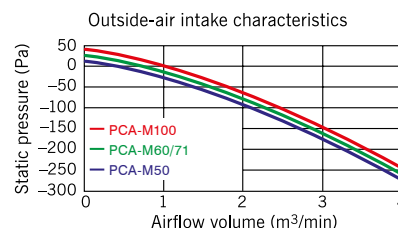
High/Low Ceiling Mode

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.

Strong
At the start of cooling/heating

Gentle
After room temperature is stabilised

Outside-air intake characteristics

PCA-M100
PCA-M60/71
PCA-M50

Static pressure (Pa) / Airflow volume (m³/min)

OPTIONAL
Wi-Fi CONTROL

PCA Series Features

Built-in Filter	Horizontal Airflow	High Ceiling Mode
Filter Check Signal	Auto Vane	Wave Airflow (Auto Vane Mode)

MITSUBISHI ELECTRIC

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	4.38
	EER[2]			4.27	4.03	3.65	3.54
	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-LN25VG x2
MXZ-3F54VGD » MSZ-LN25VG2 x3
MXZ-4F71VGD » MSZ-LN25VG x4
MXZ-4F80VGD » MSZ-LN25VG x4
MXZ-5F100VGD » MSZ-LN25VG x5
MXZ-6F120VGD » MSZ-LN25VG 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.

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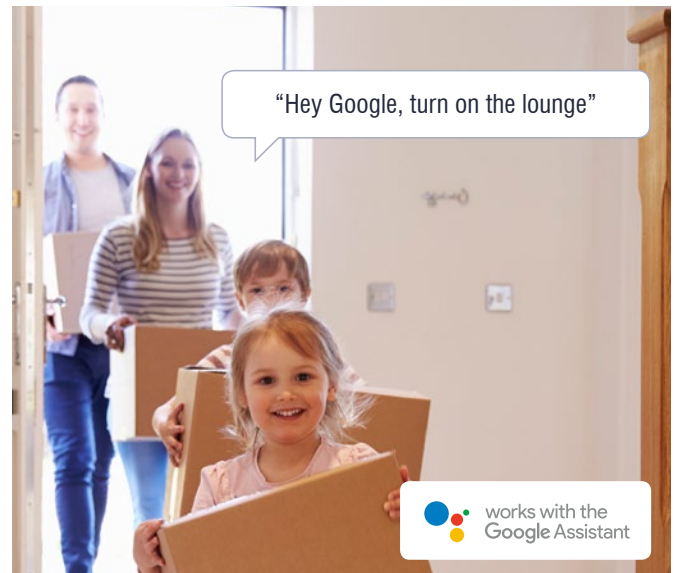
Enjoy Hands-Free Voice Control*

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

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.

"Alexa, turn heat pump on"

amazon alexa
ENABLED

"Hey Google, turn on the lounge"

works with the
Google Assistant

Wi-Fi
CONTROL

Controllers

Handheld Remotes

Deluxe 7-Day Programmable Controller (Optional – SLZ Series)

With the ability to program up to four time and temperature settings for each day of the week, you can return to comfort without having to manually adjust the temperature. With a backlit screen for easy viewing, and advanced feature controls exclusive to the SLZ Series, including 3D i-See Sensor and individual vane settings, the Deluxe 7-Day Controller offers the ultimate in customised comfort.

7-Day Programmable Controller (Standard)

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.
The 7-Day Controller is available on the AP, EF Designer, LN Black Diamond and KW RapidHeat Series.

Wall Mounted Controllers

PAR 7-Day Controller

The PAR Controller allows you to program up to eight stop/start patterns per day for up to seven days at a time. Other features include a variety of operation control functions, operation lock and multi-language display. The PAR Controller also offers the following at the touch of a button; LCD backlit screen, large, easy-to-read display and mode view for both icon and word display.

Standard Inclusion: SEZ, PEAD. Optional upgrade for all other multi indoors.

Central Controllers

AT-50B 5" LCD Touch Screen – Optional Upgrade

Able to control up to 50 units and featuring both weekly and daily timer functions, the AT-50 is a cost-effective solution for large domestic or small commercial systems. It also features a 5" backlit, colour touch-screen LCD display. The AT-50 is also able to be integrated for control of additional equipment such as extractor and fresh air fans, ventilation systems and outdoor security lighting.

As part of a larger system, domestic or commercial, the OmniCore Pro Multi Series can be connected to M-NET control, benefitting directly from the features of AT50B and AE200 without the need for interface. In particular, the AE200 allows web browser and BMS control.

Fresh Air Heat Recovery
# Ventilation for all Types of Applications

Ventilating your home is vital as it maintains air quality and reduces moisture, creating a healthier and more comfortable environment. There is a Lossnay solution to suit most New Zealand homes, from whole home ducted to single room applications.

Lossnay is specifically designed for more airtight homes built to the current New Zealand Building Code; delivering the optimum amount of fresh air without creating draughts and minimising indoor temperature fluctuations.

Whole Home Ventilation

In-Ceiling Solutions
These ducted whole home balanced pressure Lossnay Heat Recovery Ventilation Systems are designed for installation in homes that have available roof or attic space to accommodate the heat exchanger and corresponding ducting.
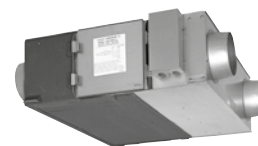
Vertical Solutions
The slimline, Vertical Lossnay Series features a small, upright footprint that can be placed in the garage or a utility cupboard and is not limited to an in-roof installation.

Single Room Ventilation

In-Ceiling Single Room Solutions
This cost effective ventilation system is specifically designed to provide fresh filtered air to a single room with the additional benefit of energy efficient heat recovery at the same time. The ducted design means the system can be installed in the roof or attic space, so it is unobtrusive and hidden away.

Wall Mounted Single Room Solutions
This easy to install wall mounted system is designed to provide cost effective energy recovery ventilation to one specific area in the home. The ductless design means the system is ideal for homes and buildings where there is no roof space to install a heat exchanger.

Make Heat Recovery Ventilation Visible
– with Advanced Lossnay Wi-Fi Control

ADVANCED
Wi-Fi
CONTROL

Elevating air quality and maximising energy efficiencies has never been easier, because now the power is in your hands.

See by how many degrees[1] Lossnay is pre-warming or pre-cooling your home in real time, helping you save on your power bill because less additional heating is required to get a room up to the desired temperature.

And in summer, monitor by how many degrees Lossnay reduces the average temperature in your home, using Automatic Free Cooling Mode.[2]

The App will also proactively remind you when it is time to clean your filters to maximise both cost efficient operation and health benefits.

Lossnay Wi-Fi Control truly is the smart evolution in fresh air ventilation.

[1] The outside 'Fresh Air' and the inside 'Avg Temp' air temperatures are measured by the built-in sensors that are centrally located in the main Lossnay Ventilation unit.
[2] In comparison to using a dedicated cooling device. The unit will continue to use a small amount of power to circulate the pre-cooled air.
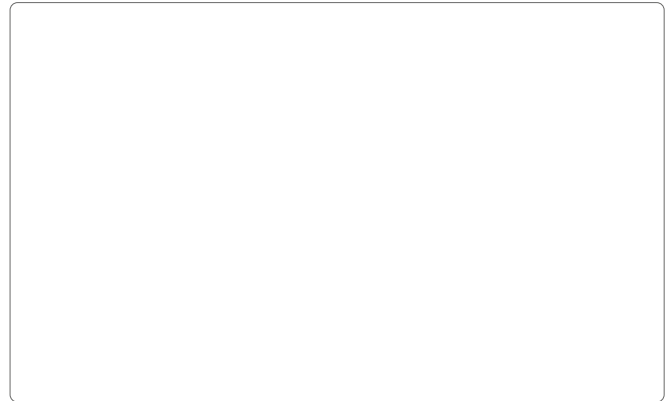
Recommended Heat Pumps
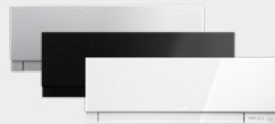
Store Contact Details

Staple business card here

AP Series
High Wall

See page 12–14

EF Designer Series
High Wall

See page 15

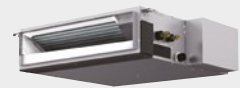### LN Black Diamond Series
High Wall

See page 16–17

KW RapidHeat Series
Floor Console

See page 18–19

PFFY Series
Concealed Floor Console

See page 20

SEZ Series
Ceiling Concealed

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PEFY Series
Ducted

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PEAD Series
Ducted

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SlimFit MLZ Series
One-Way Ceiling Cassette

See page 25

SLZ Series
Compact Ceiling Cassette

See page 26

PLA Series
Ceiling Cassette

See page 27

PCA Series
Under-Ceiling

See page 28

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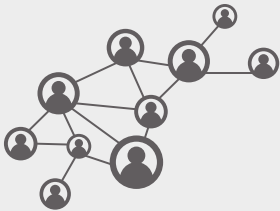
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PLEASE LOOK AFTER THE ENVIRONMENT AND RECYCLE