



Heat Pump Catalogue





ADVANCED
Wi-Fi
CONTROL
OPTIONAL UPGRADE

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Why Choose a Heat Pump? p.4

There's a lot to consider when choosing heating for your home and many factors that may help you decide. Heat pumps are endorsed by government agencies and consumer advocacy groups as one of the most efficient forms of heating available. They also offer features other heating options cannot, like dehumidifying, air filtration, safety and ease of use.

Why Choose Mitsubishi Electric? p.5-6

A heat pump is an investment in your comfort for years to come so it makes sense to invest in the best. Mitsubishi Electric Heat Pumps are specifically designed to heat more effectively and quietly. They're engineered with heating in mind, not cooling like most other brands. That means they're better equipped to warm your home.



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Wall Mounted



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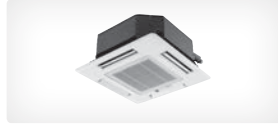
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If you're wanting ultimate total home comfort to heat or cool multiple rooms then these heat pump systems will cater to your needs. Options range from multi room systems (one outdoor heat pump running multiple indoor units) to discreet ducted systems.

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When you're happy, we're happy.

At Mitsubishi Electric we are excited and proud that we have been acknowledged as the winner of the Readers Digest Most Trusted Brand for Heat Pumps in 2015 as voted by the New Zealand public.

This is a fantastic result and is a true reflection of how ingrained the Mitsubishi Electric brand is in the mind of New Zealand consumers.

Some of the consumer feedback that was received as part of the independent research conducted included:

"My heat pump works beautifully and economically."

"My first heat pump was a Mitsubishi Electric. When I upgraded, I got another one. Never missed a beat!"

"Had these in houses for the past 20 years without any problems"

"They are the quietest and offer great performance in lower temperatures"

Winning this year's Readers Digest Most Trusted Brand Award cements Mitsubishi Electric as the brand that New Zealanders trust to keep them warm in an energy efficient, quiet and reliable way.



Mitsubishi Electric Heat Pumps have always been designed with heating in mind. Naturally, our systems will also keep you cool in summer, but by focussing on warmth Mitsubishi Electric Heat Pumps excel at what New Zealanders expect them to do – keep you warm in winter. A heat pump is a long term investment in your comfort and health. Make sure you invest in the best.

How do Heat Pumps Work?

Heat pumps do not create heat; they simply move available heat from one place to another. An outdoor unit absorbs warmth from the surrounding air and transfers it into your home. As outside temperatures drop, your heat pump must work harder to transfer the same amount of heat. As New Zealand's best performing heat pumps in the cold, we guarantee superior heating down to -15°C .



Winter – Heating



Summer – Cooling

Why Choose a Heat Pump?

When heating your home there are many factors to consider including ongoing running costs, ease of use and ultimately your comfort. Endorsed by government agencies and consumer advocacy groups alike, heat pumps are known to be one of the most efficient forms of heating available. In addition, they offer higher comfort levels and advanced features that other heating appliances cannot.

Unique Benefits of Heat Pumps



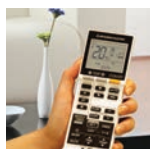
Energy Efficiency

Heat pumps offer the highest levels of energy efficiency with the ability to provide 3-5kW of heat energy for every 1kW used.



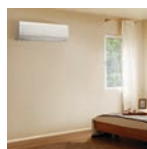
Lowest Running Costs

The more energy efficient a heating system is, the cheaper it is to run. Heat pumps offer the cheapest kW/h heating cost available.



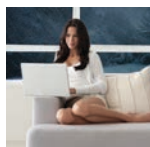
Precise Temperature Control

Heat pumps allow you to set the desired room temperature to the exact degree, whereas other appliances may continue to heat resulting in an uncomfortably hot room. Timer options allow the freedom to operate the heat pump in harmony with your daily schedule.



Unobtrusive Heating

Heat pumps come in a range of styles. The most popular are wall mounted models which can be placed discreetly on a wall so they don't use valuable floor space.



Convenient Comfort

Heat pumps move warm air throughout the room, meaning you no longer need to rearrange your furniture around your heat source. Heat pumps also allow comfort at the touch of a button – there's no manual tasks such as cutting and stacking firewood.



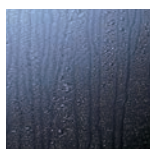
Improved Air Quality

Heat pumps are fitted with filtration and deodorisation systems - perfect for asthma and allergy sufferers.



Safety

Heat pumps are the safest heating option if you have children and pets as there are no hot surfaces.



Humidity Control

Heat pumps are able to dehumidify in Cooling or Dry Mode, enabling your heat pump to combat excess moisture such as condensation and humidity.



Cooling in Summer

Heat pumps ensure your comfort all year round. With the push of a button they can be switched to cooling mode, keeping the home nice and cool during those long hot summer days and nights.

Choose a Heat Pump That's Designed to Heat

While all heat pumps offer benefits over other heating options, Mitsubishi Electric Heat Pumps have a distinct advantage. Why? Because while most heat pumps are actually designed to cool, ours start with heating in mind. As expected, our systems will not only keep you cool in summer, but by focusing on heating, Mitsubishi Electric Heat Pumps also excel at doing what New Zealanders expect them to do - keep you warm in winter. Read on to see why you should choose a Mitsubishi Electric Heat Pump.

Why Choose Mitsubishi Electric?

HYPERCORE[®]

New Zealand's Best Low Temperature Performance

Why Design to Heat?

When it gets cold outside, a heat pump designed to cool needs to work overtime to produce heat and as such its performance is reduced. A heat pump designed for cooling can disappoint when you need it most – when the temperature drops. We design for New Zealand homes, and therefore we design predominantly to heat. The result is year-round reliability and performance.

Superior Heating, Guaranteed

All our heat pumps are engineered for superior heating. You'll stay snug no matter how cold it is outside and we guarantee this, even in outdoor temperatures as low as -15°C.



Intelligent Defrost

All of our heat pumps are fitted with intelligent defrost technology to ensure that you get the best performance out of your heat pump when it gets cold.

When the temperature drops below zero, all heat pumps have to perform a “defrost cycle” to remove ice build up on the outdoor coils. This can mean that your heat pump will temporarily stop operating or will blow out cooler air.

Mitsubishi Electric has developed an advanced version of this using Fuzzy Logic to learn, measure and record temperatures and running times. This data is then used to ensure defrost cycles are as fast, efficient and as far apart as possible.

HyperCore[®] High Performance Heat Pumps

No other heat pump in New Zealand is guaranteed to perform at its peak from +7°C to -15°C. Our HyperCore[®] Heat Pumps will not lower their heating performance even when it is snowing outside, so you can be assured that you will be kept snug throughout winter. HyperCore[®] is also highly recommended for humid and high altitude areas.

To learn more about our HyperCore Series turn to page 17.

Energy Efficiency



Energy Star[®] Mark

Mitsubishi Electric is determined to provide the most energy efficient heat pumps in the market. This is why many of our heat pumps have achieved the Energy Star[®]

mark, the highest award for energy efficiency in this product category and awarded to only the most efficient models in the market. Additional energy saving features such as Econo Cool and i-Save Mode can further increase energy savings and the overall efficiency of the heat pump.

Sshhhh...
they're very, very quiet.



Unbeatable Quietness

Mitsubishi Electric consistently produces heat pumps which are not only feature-rich and efficient, but also very, very quiet. We recognise that noise affects comfort, so we constantly work to make our heat pumps as quiet as possible. Our GE Series High Wall and RapidHeat Floor Console indoor units are New Zealand's quietest starting from just 19dBA*. Because we want you to feel the warmth, not hear it.

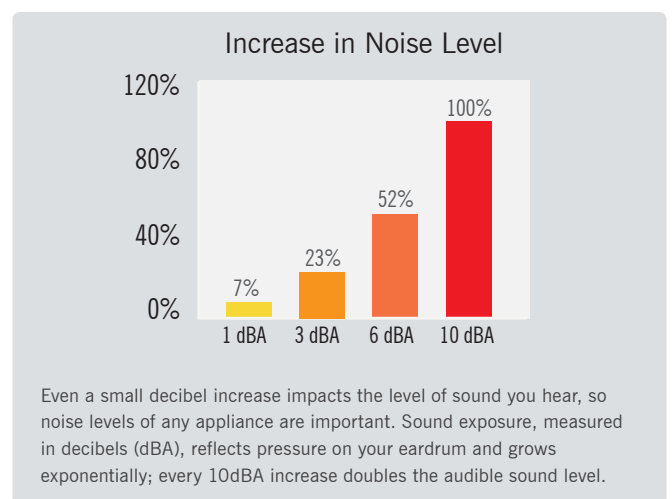
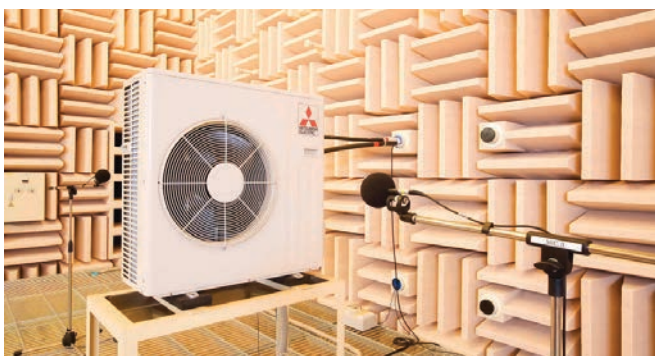
*MSZ-GE25/35 and MFZ-KJ25/35 indoor sound level on lowest fan speed.

Quietness on All Fan Speeds

Some manufacturers are happy for their heat pumps to operate quietly only on their lowest fan setting. Our heat pumps are designed to work differently, giving you quietly superior comfort on all fan speeds.

How are Mitsubishi Electric Heat Pumps Quieter?

Our quest for quietness begins at factory level. Our heat pumps are subjected to rigorous testing at our confidential sound testing facility, with sound ratings then independently certified.



Unique Quietness Technology

Fan Design

Our larger fan diameter enables the motor to run at a slower speed while maintaining the same air volume. Smaller fans have to spin faster to move more air, creating more noise as air passes over the fan tips.

Coil Design

The larger surface area of our coils enables the indoor unit to maintain a higher temperature. As a result less air needs to be passed across the coil to achieve the same indoor temperature and less air, means less noise.

Airflow

Our larger air inlet duct allows air to flow freely, reducing noise as it leaves the heat pump. Think of whistling, it is pretty hard to whistle when your mouth is open wide, the same principle applies here.

Indoor Unit

Our indoor unit casing has been designed to be robust so that minimal noise is created when operating i.e. no rattling or shaking.



Classic GE Series

High Wall Mounted

The GE Series is our most popular heat pump range - a testament to exceptional product quality, reliability and superior heating performance. As New Zealand's quietest indoor heat pumps*, they are ideal where it matters most - in living rooms and bedrooms.



Dimensions (WxDxH): 798x232x295mm

MSZ-GE25VAD

Heating Capacity: 3.2 kW (min 1.3kW~max 4.5kW)
Heating Efficiency - COP: 4.47 / ACOP: 4.37

Cooling Capacity: 2.5 kW (min 1.1kW~max 3.5kW)
Cooling Efficiency - EER: 4.40 / AEER: 4.28



MSZ-GE35VAD

Heating Capacity: 4.0 kW (min 1.6kW~max 5.3kW)
Heating Efficiency - COP: 4.08 / ACOP: 4.02

Cooling Capacity: 3.5 kW (min 1.1kW~max 4.0kW)
Cooling Efficiency - EER: 3.98 / AEER: 3.91

MSZ-GE42VAD

Heating Capacity: 5.4 kW (min 1.4kW~max 6.0kW)
Heating Efficiency - COP: 3.63 / ACOP: 3.59

Cooling Capacity: 4.2 kW (min 0.9kW~max 4.8kW)
Cooling Efficiency - EER: 3.38 / AEER: 3.34

MSZ-GE50VAD

Heating Capacity: 5.8 kW (min 1.4kW~max 7.2kW)
Heating Efficiency - COP: 3.61 / ACOP: 3.58

Cooling Capacity: 4.8 kW (min 1.4kW~max 5.4kW)
Cooling Efficiency - EER: 3.34 / AEER: 3.30



Dimensions (WxDxH): 1100x238x325mm



MSZ-GE60VAD

Heating Capacity: 6.8 kW (min 2.0kW~max 9.3kW)
Heating Efficiency - COP: 3.84 / ACOP: 3.80

Cooling Capacity: 6.0 kW (min 1.5kW~max 7.5kW)
Cooling Efficiency - EER: 3.55 / AEER: 3.51



MSZ-GE80VAD

Heating Capacity: 9.0 kW (min 2.2kW~max 11.1kW)
Heating Efficiency - COP: 3.54 / ACOP: 3.52

Cooling Capacity: 7.8 kW (min 2.4kW~max 9.2kW)
Cooling Efficiency - EER: 3.31 / AEER: 3.28



MSZ-GE71VAD

Heating Capacity: 8.1 kW (min 2.2kW~max 9.9kW)
Heating Efficiency - COP: 3.82 / ACOP: 3.78

Cooling Capacity: 7.1 kW (min 2.4kW~max 8.7kW)
Cooling Efficiency - EER: 3.49 / AEER: 3.46

Features: Classic GE Series *See page 27 for more information*

For more about COP and EER see page 29

Whisper Quiet Operation

Energy Star® Mark
(GE35/60/71/80 only)

Guaranteed Heating
down to -15°C

Anti Allergy Enzyme Filter

Healthy Catechin Filter

i-Save Mode
& Econo Cool

Wide & Long Airflow
(GE60/71/80 only)

Auto Change Over Function

7-Day Controller
(GE60/71/80 only)

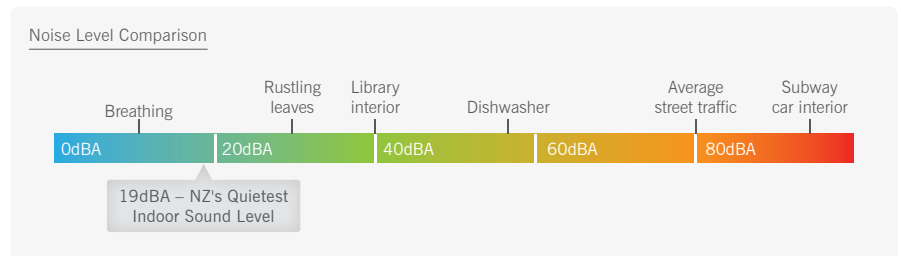
Wi-Fi Control
Upgrade Option



Shhhh...
they're very, very quiet.

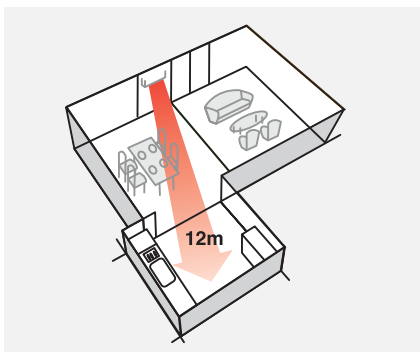
New Zealand's Quietest Heat Pumps

Starting from barely a whisper, our Classic GE Series allows you to feel the warmth, not hear it. The GE25 and GE35 indoor units start from a hushed 19dBA on their lowest fan speed, making them New Zealand's quietest heat pumps ever!



7-Day Programmable Controller

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. Our 7-Day Controller is available on the larger GE60/71/80 models only.



Wide and Long Airflow (GE60/71/80)

The Wide and Long Airflow modes allow the airflow direction to be adjusted, ensuring every corner of the room is comfortable. These modes are simply activated at the touch of a button on your remote controller. The Long Mode extends airflow by up to 12m to reach even the furthest point of large living rooms, or allows kitchens to be reached in an open plan environment.



Control your heat pump from anywhere with award winning Mitsubishi Electric Wi-Fi Control! Available with the GE Series, find out more about this optional upgrade on page 23.





Designer Series

High Wall Mounted


The Designer Series combines exceptional energy efficiency with award winning aesthetics. The elegant, slimline design is available in a range of colours including glossy black, matte silver or classic white, so you can truly reflect your design personality.



MSZ-EF25VEW/B/S
 Heating Capacity: 3.2 kW (min 1.1kW~max 4.2kW)
 Heating Efficiency – COP: 4.78 / ACOP: 4.76
 Cooling Capacity: 2.5 kW (min 1.2kW~max 3.4kW)
 Cooling Efficiency – EER: 4.58 / AEER: 4.55

MSZ-EF42VEW/B/S
 Heating Capacity: 5.4 kW (min 1.4kW~max 6.3kW)
 Heating Efficiency – COP: 3.82 / ACOP: 3.81
 Cooling Capacity: 4.2 kW (min 0.9kW~max 4.6kW)
 Cooling Efficiency – EER: 3.29 / AEER: 3.28



MSZ-EF35VEW/B/S
 Heating Capacity: 4.0 kW (min 1.8kW~max 5.5kW)
 Heating Efficiency – COP: 4.31 / ACOP: 4.29
 Cooling Capacity: 3.5 kW (min 1.4kW~max 4.0kW)
 Cooling Efficiency – EER: 3.91 / AEER: 3.89

MSZ-EF50VEW/B/S
 Heating Capacity: 5.8 kW (min 1.6kW~max 7.5kW)
 Heating Efficiency – COP: 3.55 / ACOP: 3.55
 Cooling Capacity: 5.0 kW (min 1.4kW~max 5.4kW)
 Cooling Efficiency – EER: 3.11 / AEER: 3.11



Dimensions (WxDxH): 895 x 195 x 299mm

Features: Designer Series *See page 27 for more information*

For more about COP and EER see page 29

- | | | | | |
|---------------------------|---------------------------|--|-------------------------------------|--|
| Stylish Flat Panel Design | Whisper Quiet Operation | Energy Star® Mark
(EF25/35/42 only) | Guaranteed Heating
down to -15°C | Optional Electrostatic
Anti Allergy Enzyme Filter |
| Nano Platinum Filter | Auto Change Over Function | Multi Room Compatible | 7-Day Controller | Wi-Fi Control
Upgrade Option |



Colour. The choice is finally yours.



7-Day Controller

All Designer Series Heat Pumps feature a built in weekly timer, allowing you to program up to four time and temperature settings for each day of the week, you can now return to comfort without having to manually adjust the temperature. Perfect for anyone with a busy lifestyle, the 7-Day Controller is a great way to regulate your energy usage without compromising on comfort.



Energy Star®

The Energy Star® mark is awarded to the most energy efficient heat pumps available in New Zealand which means better performance all winter long. Our Designer Series models (EF25/35/42) have been awarded the Energy Star® mark signaling they meet strict energy efficiency standards.



Quiet Operation

Designer Series indoor units feature Silent Mode, a fan speed setting that provides quiet operation as low as 21dBA. This means that you will feel the warmth, not hear it.

Advanced Filtration

Designer Series Heat Pumps offer two types of filters. The Nano Platinum Deodorising Filter not only improves air quality but also reduces airborne bacteria. The optional Electrostatic Anti-Allergy Enzyme Filter effectively combats common allergens.



iF Design Award

The simple yet elegant Mitsubishi Electric Designer Series has been awarded the international iF product design award in recognition of outstanding design quality.



Control your heat pump from anywhere with award winning Mitsubishi Electric Wi-Fi Control! Available with the Designer Series, find out more about this optional upgrade on page 23.



Deluxe FH Series

High Wall Mounted

The Deluxe FH High Wall Series truly is the flagship amongst heat pumps. New advanced features provide the ultimate in unparalleled comfort and energy efficiency. Plasma Quad Filtration, the unique 3D i-See Sensor, Dual Split Vanes, and the Natural Air Flow function have set a new benchmark in true customised comfort.



Dimensions (WxDxH): 925x234x305mm (+17)



MSZ-FH25VE

Heating Capacity: 3.2 kW (min 1.8kW~max 5.5kW)
 Heating Efficiency - COP: 5.49 / ACOP: 5.46
 Cooling Capacity: 2.5 kW (min 1.4kW~max 3.5kW)
 Cooling Efficiency - EER: 5.06 / AEER: 5.03



MSZ-FH50VE

Heating Capacity: 6.0 kW (min 1.7kW~max 8.7kW)
 Heating Efficiency - COP: 4.11 / ACOP: 4.10
 Cooling Capacity: 5.0 kW (min 1.9kW~max 6.0kW)
 Cooling Efficiency - EER: 3.66 / AEER: 3.65



MSZ-FH35VE

Heating Capacity: 4.0 kW (min 1.0kW~max 6.3kW)
 Heating Efficiency - COP: 4.90 / ACOP: 4.88
 Cooling Capacity: 3.5 kW (min 0.8kW~max 4.0kW)
 Cooling Efficiency - EER: 4.20 / AEER: 4.18

HYPERCORE® Option

Still the only heat pump in New Zealand guaranteed to produce its fully rated heating capacity right down to -15°C. With the best low temperature performance, HyperCore® Heat Pumps ensure you feel the warmth when you need it most. For more information on HyperCore® see pages 17-19.

Features: Deluxe FH Series *See page 27 for more information*

For more about COP and EER see page 29

HyperCore® Option

Occupancy Sensor

3D i-See Sensor

Dual Split Vane Technology

Energy Star® Mark

Advanced Plasma Quad Filtration

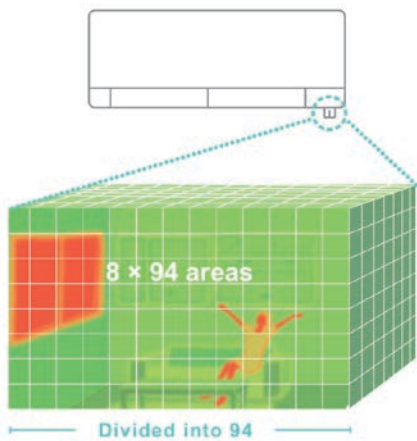
7-Day Controller

Natural Airflow (Cooling & Fan Modes Only)

Low Standby Power Usage

Wi-Fi Control Upgrade Option

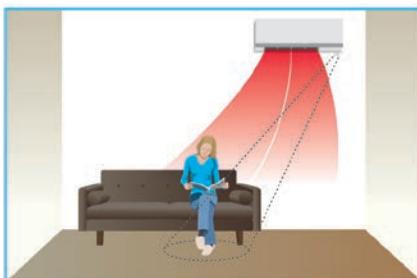
The Ultimate in Customised Comfort



3D i-See Sensor

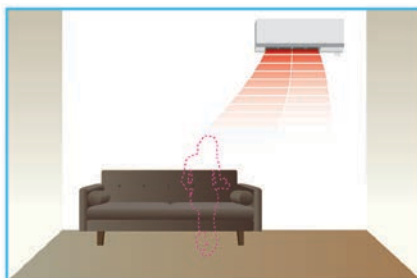
Exclusive to the Deluxe FH Series, the 3D i-See Sensor continuously analyses the temperature profile of a room to detect hot and cold spots. This intelligent 8-element sensor scans the entire room and divides it into 752 three-dimensional zones, measuring the temperature in each to detect the exact position of its occupants based on their heat signatures.

The perfect amount of heating or cooling can be customised based on personal preference. For example in heating mode, air can be directed towards you if you prefer to feel the warmth directly, and in cooling mode, air can be directed away from you for ultimate comfort.



Occupancy Sensor

The Deluxe FH Series indoor unit is equipped with advanced absence detection software. Utilising the 3D i-See Sensor, the Deluxe FH Series is clever enough to detect when you are no longer in the room. When the unit senses a lack of occupants after a set period, it can automatically switch to energy saving operation. When occupants return to the room, the 3D i-See sensor detects the change and reverts to the pre-set mode.



Energy Saving Absence Detection

Absence Detection actively works to minimise potential energy waste by automatically raising or lowering the temperature by 2°C in Energy Saving Mode, enabling a potential energy saving of up to 10%.

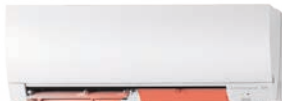


Control your heat pump from anywhere with award winning Mitsubishi Electric Wi-Fi Control! Available with the Deluxe FH Series, find out more about this optional upgrade on page 23.



Deluxe FH Series: Additional Features

High Wall Mounted



Dual Split Vane Technology

The unique split vane design allows airflow to be customised to suit different areas of the room, by independently directing air upwards, downwards or to the side. This flexibility can also prevent air from striking obstacles, or direct air to areas that require additional heating or cooling. Split vane airflow is ideal for multi level hallways in homes.

The split vane design also means individual personal preferences can now more easily be accommodated. Do you prefer to feel the heat directly but your partner does not? Simple! A breakthrough in comfort, the split vane design means direct and indirect air flow modes can be customised to suit both occupants in the room at the same time.



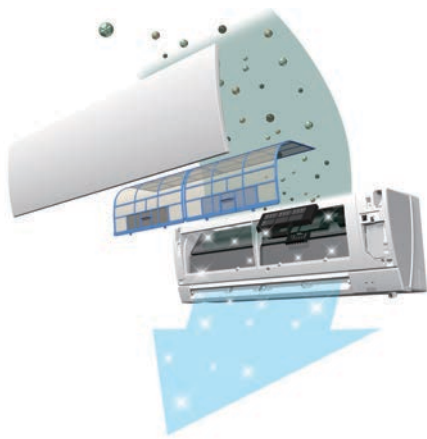
Natural Airflow (Cooling & Fan Modes Only)

If you thought all air conditioners feel drafty in cooling mode – think again! Our unique Natural Air Flow function recreates a light and gentle airflow that feels as natural as possible by automatically modulating fan speed and direction.



7-Day Controller

All Deluxe FH Heat Pumps feature a built-in weekly timer, allowing you to program up to four time and temperature settings for each day of the week, you can now return to comfort without having to manually adjust the temperature. Perfect for anyone with a busy lifestyle, the 7-Day Controller is a great way to regulate your energy usage without compromising on comfort.



Advanced Plasma Quad Filtration

The Plasma Quad Filter System is an advanced, multi-stage filtration system designed to effectively neutralise contaminants such as allergens, viruses and bacteria, ensuring the circulation of fresh, clean air back into the room.

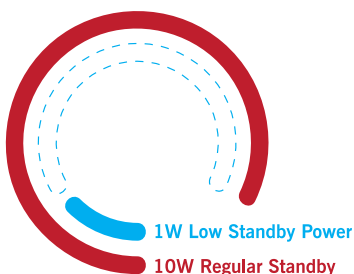
The Plasma Filter is charged with an electrical field and acts as a micro mesh ‘curtain’ across the air inlet opening, effectively catching dust particles, allergens, bacteria and viruses with 99% efficiency (independently tested in a 25m³ room).

In addition, two air purifying filters and a deodorising filter effectively neutralise odours from the air. This level of advanced filtration is ideal for those suffering from asthma and other airborne allergies.



Maximum 6 Star Energy Efficiency ★★★★★★

All models in the Deluxe FH High Wall Range have been awarded the Energy Star[®] mark reflecting that they are some of the most energy efficient heat pumps available in New Zealand. The FH25 model even boasts the maximum 6 Star Energy Rating in heating – which means superior energy efficient performance all winter long.



Low Standby Power

Many electrical appliances still consume power while left in standby, having a real effect on your power bill. The new Deluxe FH Series, incorporating cutting edge power reduction technology, boasts 1W standby power, a reduction of around 90% on previous standby power consumption.

HYPERCORE[®]
Option

Still the only heat pump in New Zealand guaranteed to produce its fully rated heating capacity right down to -15°C. With the best low temperature performance, HyperCore[®] Heat Pumps ensure you feel the warmth when you need it most. For more information on HyperCore[®] see pages 17-19.



RapidHeat[®] Series

Floor Mounted



GOOD DESIGN
AWARD 2014

New Zealand's quietest floor consoles* feature a new contemporary slimline design and dramatically reduced depth. RapidHeat Floor Consoles are the perfect solution for unobtrusive heating at floor level. New 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.



Dimensions (WxDxH): 750 x 215 x 600mm



MFZ-KJ25VE

Heating Capacity: 3.4 kW (min 1.2kW~max 4.6kW)
Heating Efficiency – COP: 4.42 / ACOP: 4.42

Cooling Capacity: 2.5 kW (min 0.5kW~max 3.4kW)
Cooling Efficiency – EER: 4.84 / AEER: 4.84



MFZ-KJ35VE

Heating Capacity: 4.3 kW (min 1.2kW~max 5.8kW)
Heating Efficiency – COP: 3.81 / ACOP: 3.81

Cooling Capacity: 3.5 kW (min 0.5kW~max 3.7kW)
Cooling Efficiency – EER: 3.84 / AEER: 3.84



MFZ-KJ50VE

Heating Capacity: 5.8 kW (min 2.2kW~max 8.2kW)
Heating Efficiency – COP: 3.83 / ACOP: 3.83

Cooling Capacity: 5.0 kW (min 1.6kW~max 5.7kW)
Cooling Efficiency – EER: 3.57 / AEER: 3.57

MFZ-KJ60VE

Heating Capacity: 6.8 kW (min 2.2kW~max 9.1kW)
Heating Efficiency – COP: 3.59 / ACOP: 3.59

Cooling Capacity: 6.0 kW (min 1.6kW~max 6.8kW)
Cooling Efficiency – EER: 3.47 / AEER: 3.47

HYPERCORE[®] Option

Still the only heat pump in New Zealand guaranteed to produce its fully rated heating capacity right down to -15°C. With the best low temperature performance, HyperCore[®] Heat Pumps ensure you feel the warmth when you need it most. For more information on HyperCore[®] see pages 17-19.

Features: RapidHeat Series *See page 27 for more information*

For more about COP and EER see page 29

RapidHeat Technology

NZ's Quietest Floor Console*

HyperCore Option

Multi Vane Air Flow

Anti Allergy Enzyme Filters

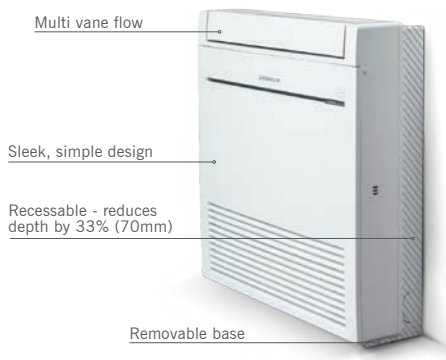
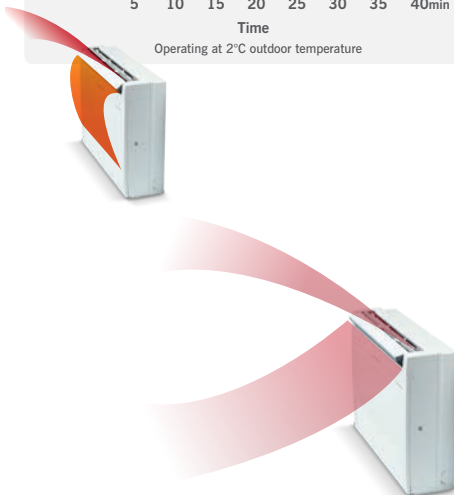
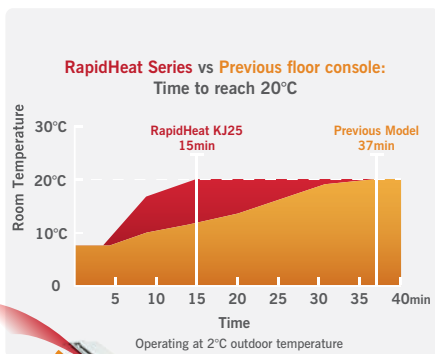
Nano-Platinum Filter

Energy Star[®] Mark
(KJ25/35/50 Only)

Multi Room Compatible
(KJ25/35/50 Only)

7-Day Controller

Wi-Fi Control
Upgrade Option



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 air flow 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 heat up to twice as fast compared to our previous model.

NZ's Quietest Floor Consoles INDUSTRY FIRST

Starting at barely a whisper, the Mitsubishi Electric RapidHeat Series are New Zealand's quietest floor console heat pumps from just 19dBA*. This is achieved through the use of a larger fan motor that not only enables the unit to be quiet, but also increases its efficiency when heating your home.

*MFZ-KJ 25/35 indoor sound level.

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 eliminating 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.

Sleek, Sophisticated Design

Mitsubishi Electric RapidHeat Floor Consoles feature a new 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 floor mounted heating for new buildings, renovation projects, and fireplace replacements.

High Energy Efficiency

The Energy Star® mark is awarded to the most energy efficient heat pumps available in New Zealand which means better performance all year round. Our RapidHeat Series Floor Consoles (KJ25/35/50) have been awarded the Energy Star® mark signalling they meet strict energy efficiency standards.



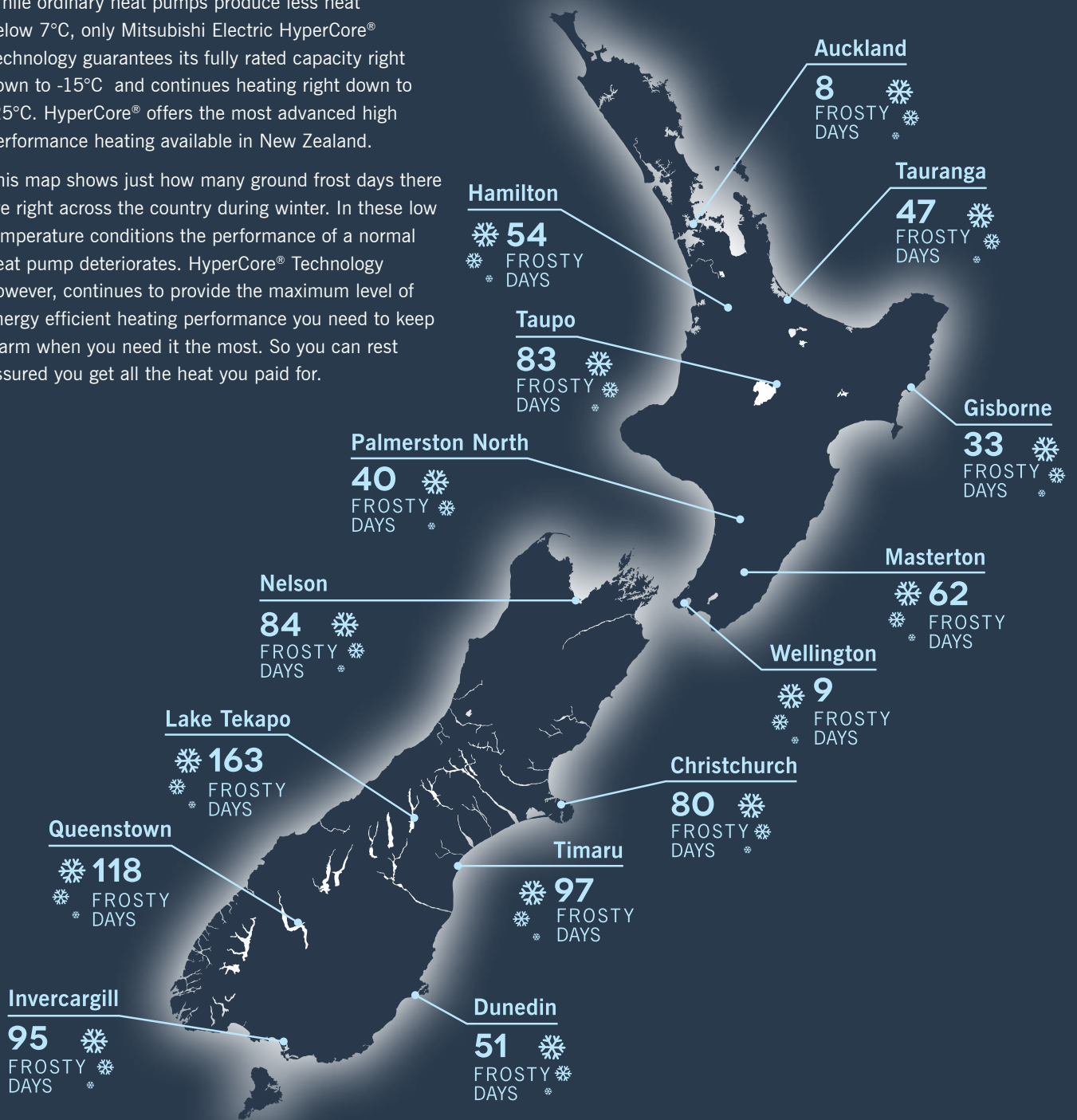
Control your heat pump from anywhere with award winning Mitsubishi Electric Wi-Fi Control! Available with the RapidHeat Series, find out more about this optional upgrade on page 23.

THIS IS HYPERCORE® COUNTRY

New Zealand's best low temperature heating performance, guaranteed.

While ordinary heat pumps produce less heat below 7°C, only Mitsubishi Electric HyperCore® Technology guarantees its fully rated capacity right down to -15°C and continues heating right down to -25°C. HyperCore® offers the most advanced high performance heating available in New Zealand.

This map shows just how many ground frost days there are right across the country during winter. In these low temperature conditions the performance of a normal heat pump deteriorates. HyperCore® Technology however, continues to provide the maximum level of energy efficient heating performance you need to keep warm when you need it the most. So you can rest assured you get all the heat you paid for.



Mean number of days per year of ground frost according to the NIWA website. Ground frost occurs when the air at ground level is chilled below freezing point.



HYPERCORE® Series

High Wall Mounted and Floor Mounted

HyperCore® Technology by Mitsubishi Electric is specifically designed for New Zealand's winter conditions. While ordinary heat pumps produce less heat below 7°C, only HyperCore® guarantees its fully rated capacity right down to -15°C so you get all the heat you paid for.



Dimensions (WxDxH): 925x234x305mm (+17)

MSZ-FH25VEHZ
 Heating Capacity: 3.2 kW (min 1.0kW~max 6.3kW)
 Heating Efficiency - COP: 5.49 / ACOP: 5.46
 Cooling Capacity: 2.5 kW (min 0.8kW~max 3.5kW)
 Cooling Efficiency - EER: 5.06 / AEER: 5.03

MSZ-FH50VEHZ
 Heating Capacity: 6.0 kW (min 1.7kW~max 8.7kW)
 Heating Efficiency - COP: 4.11 / ACOP: 4.10
 Cooling Capacity: 5.0 kW (min 1.9kW~max 6.0kW)
 Cooling Efficiency - EER: 3.66 / AEER: 3.65

MSZ-FH35VEHZ
 Heating Capacity: 4.0 kW (min 1.0kW~max 6.6kW)
 Heating Efficiency - COP: 4.90 / ACOP: 4.88
 Cooling Capacity: 3.5 kW (min 0.8kW~max 4.0kW)
 Cooling Efficiency - EER: 4.20 / AEER: 4.18



Dimensions (WxDxH): 750 x 215 x 600mm

MFZ-KJ50VEHZ
 Heating Capacity: 5.8 kW (min 2.2kW~max 8.4kW)
 Heating Efficiency - COP: 3.94 / ACOP: 3.94
 Cooling Capacity: 5.0 kW (min 1.6kW~max 5.7kW)
 Cooling Efficiency - EER: 3.57 / AEER: 3.57

MFZ-KJ60VEHZ
 Heating Capacity: 6.8 kW (min 2.2kW~max 9.1kW)
 Heating Efficiency - COP: 3.65 / ACOP: 3.65
 Cooling Capacity: 6.0 kW (min 1.6kW~max 6.8kW)
 Cooling Efficiency - EER: 3.49 / AEER: 3.49

RapidHeat®

RapidHeat®

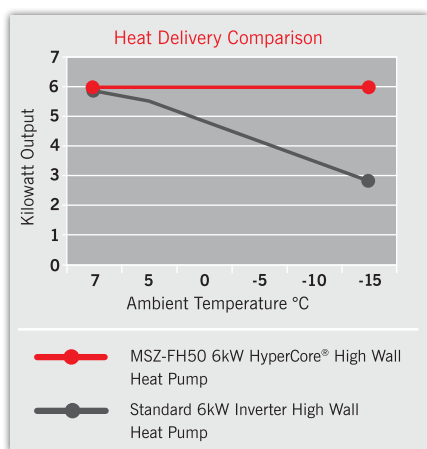
Features: HyperCore® Wall Mounted *See page 27 for more information*

For more about COP and EER see page 29

- | | | | | |
|---------------------------------|------------------|--|----------------------------|--------------------------------|
| HyperCore® Heating Guarantee | Occupancy Sensor | 3D i-See Sensor | Dual Split Vane Technology | Energy Star® Mark (FH25/35/50) |
| Advanced Plasma Quad Filtration | 7-Day Controller | Natural Airflow (Cooling & Fan Modes Only) | Low Standby Power Usage | Wi-Fi Control Upgrade Option |



HYPERCORE® Technology



Guaranteed Heating When You Need it Most

As the graph (left) shows, even though both heat pumps are rated to provide 6kW of heat, their performance differs greatly as the temperature drops. While the standard heat pump produces less heat, the HyperCore® FH50 model continues to deliver the full 6kW you paid for.

HyperCore® Compressor

HyperCore® Heat Pumps are fitted with a 'heating caulking compressor' unique to Mitsubishi Electric. The compressor is extremely efficient in its construction and performance. This compressor moves more vapour volume for less energy input, allowing the compressor to maintain efficiency and higher revolutions.



HyperCore® Advanced Defrost Logic

When temperatures drop below zero degrees ice will build up on the outdoor unit of any heat pump. How the heat pump reacts to this determines how effective it will be in providing heat to your home. To remove the ice build up the heat pump will need to go into Defrost Mode, during which time the heat pump will not be delivering heat into your home. HyperCore®'s defrost logic has been fine tuned to extend the period in between defrost periods and optimise its heating performance.



Wi-Fi Control Upgrade Option

Control your heat pump from anywhere with Mitsubishi Electric Wi-Fi Control! Available with all HyperCore® Heat Pumps, find out more about this optional upgrade on page 23.

Features: HyperCore® Floor Mounted *See page 27 for more information*

HyperCore® Heating Guarantee	RapidHeat Technology	Multi Vane Air Flow	Guaranteed Heating at -25°C	Wi-Fi Control Upgrade Option
Anti Allergy Enzyme Filters	Nano-Platinum Filter	7-Day Controller	Energy Star® Mark (KJ50 Only)	



Cassette SLZ Series

Ceiling Mounted

Compact and ultra quiet, our range of ceiling cassettes are 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.



Unit Dimensions (WxDxH): 570x570x235mm
Grille Panel Dimensions (WxDxH): 650x650x20mm

SLZ-KA25VAQ/L

Heating Capacity: 3.1 kW (min 0.9kW ~ max 4.5kW)
Heating Efficiency - COP: 3.94 / ACOP: 3.81
Cooling Capacity: 2.3 kW (min 0.9kW ~ max 3.2kW)
Cooling Efficiency - EER: 3.81 / AEER: 3.64

SLZ-KA50VAQ/L

Heating Capacity: 4.5 kW (min 0.9kW ~ max 6.5kW)
Heating Efficiency - COP: 3.31 / ACOP: 3.25
Cooling Capacity: 4.2 kW (min 1.1kW ~ max 5.2kW)
Cooling Efficiency - EER: 3.35 / AEER: 3.28

Fresh-Air Intake

All Classic SLZ Cassettes have 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.

Air-Cleaning Filtration

The built-in filter removes dust and contaminants, keeping air fresh at all times. Maintenance is as simple as vacuuming the filter. This long life filter can be used for approximately 2,500 hours before requiring replacement.

Compact Design

Our ceiling cassettes are New Zealand's favourite. With the lightweight unit sitting in your ceiling space, only the grille is visible, providing easy, discreet installation into your home or office.

Energy-Saving Operation

Boasting low electricity consumption, the Classic SLZ Cassettes are the key to fresh, cost-effective comfort.

Versatile Control

The cassette range comes equipped with your choice of either an infra-red remote with a 12-hour timer, or a wall-mounted wired controller with a 7-Day timer.

Features: Cassette SLZ Series *See page 27 for more information*

For more about COP and EER go to page 29

Whisper Quiet Operation

Guaranteed Heating at -15°C

Built-in Filter

24 Hour Controller

Auto Change Over Function

Fresh Air Intake

4-Way Airflow

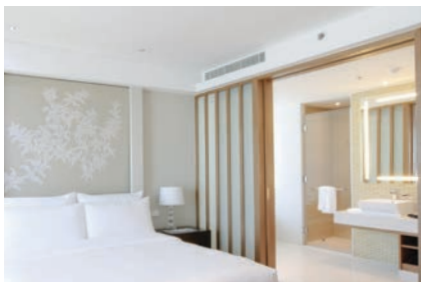
Auto Vane



Concealed Systems

Whole Home Heating

As the most discrete space-heating solution available, concealed systems offer a stylish, quiet alternative that is largely hidden from view with only subtle air grilles visible. Available for installation in either a bulkhead ceiling space or as a ducted system, they are ideal for both larger residences and offices that value the aesthetics of elegant, unobtrusive heating.



Compact Concealed (SEZ Range)

This range features compact, ultra-quiet concealed indoor units designed for heating single rooms in a discreet and quiet way. At only 200mm high these slimline units are ideal for tight installation spaces, such as lowered ceilings (or bulkheads). A built-in air filter removes dust and other particles to keep air clean, while there is also the option to intake fresh air from outside. Meanwhile whisper quiet operation ensures you will feel the warmth, not hear it!



Ducted System (PEA and PEAD Range)

For powerful performance without compromising elegance or style, this range compliments the room environment and offers a vast line-up of performance functions. Hidden completely from view with only subtle grilles showing, ducted units are installed in the roof cavity and ducting is used to connect multiple duct grilles to provide heating or cooling to each room. Installation possibilities are endless. Using flexible duct design and a wide range of variations in airflow options, ducted systems provide greater freedom in the placement of indoor units throughout the home. Meanwhile the addition of a PAC-ZC Zone Controller, equipped with Intuitive Airflow Control, expands functionality and interaction to realise even greater energy savings.



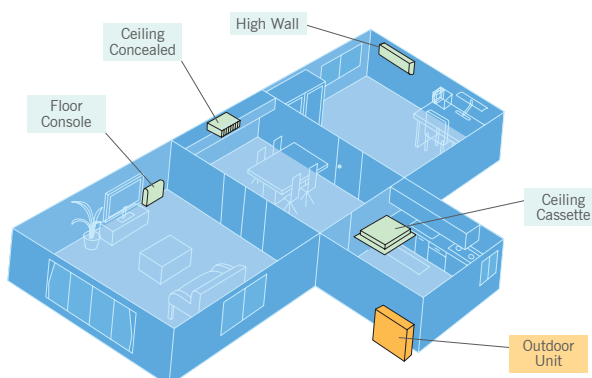
Multi Room Systems

Whole Home Heating

While a standard heat pump system consists of an indoor and outdoor unit, a multi room system allows you to connect multiple indoor units to a single outdoor unit. This 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.

Benefits of a Multi Room System

If more than one room requires heating or cooling, a multi room system may be right for you. This system allows the indoor units to be chosen to reflect the specific needs of each room. For example, a whisper quiet high wall could be selected for a bedroom, while a floor console could be used to replace a fireplace in the living room. The indoor units selected will be powered by just one outdoor unit, lowering the overall capital cost and increasing the energy efficiencies achieved.



Quiet Operation (Silent Mode)

Mitsubishi Electric has applied a Silent Mode to their multi room units, ensuring outdoor sound levels can remain as low as 45dBA while operating. This can be vital when installing in urban residences with nearby neighbouring properties.



Selecting the Right System

Correct sizing of a Mitsubishi Electric Multi Room System matches the energy load of the indoor units desired with the appropriate multi room outdoor unit. Your Mitsubishi Electric Authorised Installer will be able to guide you through this process while recommending the optimum type of heat pump for each room, ensuring the best solution for your whole home.



Wi-Fi CONTROL

Wi-Fi Control – Customised Control and Monitoring

Mitsubishi Electric Wi-Fi Control gives you the freedom to manage your heat pump(s) through your smart phone, tablet or online account, no matter where you are. On the way home, running late, coming home early, or even when you're in a different country, Wi-Fi Control offers innovative real time management to suit your lifestyle. Now you'll always arrive home to total comfort regardless of what New Zealand's unpredictable weather is doing outside!



Not just when you're away.

Mitsubishi Electric Wi-Fi Control offers more than being able to simply preheat or precool rooms before you arrive home. Wi-Fi Control opens up a new world of truly personalised comfort. Effectively replacing your traditional heat pump remote, Wi-Fi Control gives you the freedom to manage your home environment regardless of where you are.



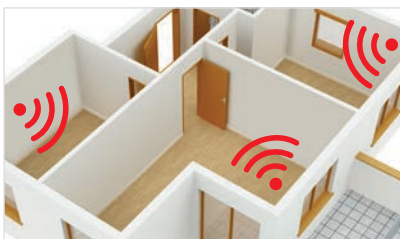
A perfect night's sleep.

Now you can continue to monitor and control your heat pump from the comfort of your couch. Off to the bedroom in half an hour but not sure how cold it is? Wi-Fi Control tells you the actual bedroom temperature so you can preheat or precool your bedroom remotely for a perfect night's sleep.



A warm wake-up on frosty mornings.

Wi-Fi Control is also great for preheating your living room before you have to get up in the morning. It will make those early frosty morning starts just that little bit easier to face.



Intelligent central control for multiple rooms.

Mitsubishi Electric Wi-Fi Control is not limited to only managing one heat pump at a time. It truly is an intelligent multitasker. With the purchase of additional adaptors, multiple indoor units can now be seamlessly monitored and controlled. Simple, yet effective centralised control at your fingertips.



TRY THE ONLINE DEMO NOW

www.mitsubishi-electric.co.nz/wifi

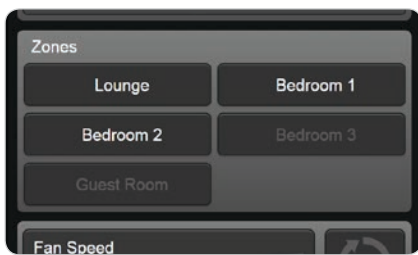


Multiple locations, one app.

Mitsubishi Electric Wi-Fi Control gives you the ability to control the heating and cooling needs of multiple units not just in the same home or building, but across a number of different locations. Your own home, a holiday home and the office – it can all be controlled and customised through one app. Furthermore, you can now Group Control multiple units all at once for consistent comfort.

Be smart, be efficient.

Forgot to turn off your heat pump? Heat pumps mistakenly left running can quickly be identified at a glance and simply be turned off, no matter where you are.



Energy saving, optimised.

When connected to a compatible Mitsubishi Electric Ducted System complete with optional Mitsubishi Electric Zone Control, Wi-Fi Control unlocks expanded functionality and interaction to deliver the very best in advanced energy optimisation. Now you can control and monitor which areas / zones your ducted heat pump is controlling in real time from absolutely anywhere. Meanwhile overall energy savings can be optimised at the touch of a button to ensure heat energy is directed only to where it is needed most.

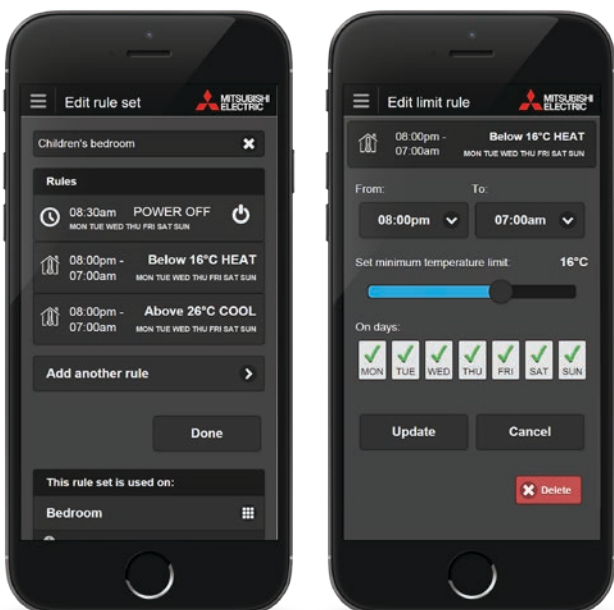
Much more than a 7 Day Controller.

Advanced Temperature Management.

Because Wi-Fi Control reflects the real time room temperature at any time, the unique rule setting functionality allows you to customise a minimum and maximum temperature range. The result - maintaining the perfect temperature for total comfort all night long.

Set Room Temperature Limits.

Wi-Fi Control is ideal for families with children. Imagine no longer needing to physically walk down to each individual bedroom to check the temperature and turn a heat pump on or off using the hand held remotes, potentially interrupting the sleep of children. Simply apply a min/max temperature rule and let Wi-Fi Control do the rest.



1 Either choose to edit an existing rule or create a new one.

2 Customise to make your heat pump work as you want it to.

Controllers

Handheld Remotes (Standard Inclusions)



24 Hour Controller

Featuring a 24 hour timer, this simple handheld remote features an easy to read display, and a variety of operating modes at the touch of a button. The timer feature allows users to set a stop/start operation on a daily basis. This remote comes standard on all models except the GE60/71/80, Designer Series, Deluxe FH Series, and RapidHeat Series (which include a 7-Day Controller as standard).



7-Day Controller

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. This 7-Day Controller is available on the larger GE Series models (GE60/71/80), Designer Series, Deluxe FH Series and RapidHeat Series models only.

Wall Mounted Controllers (Optional Upgrade – Interface Required)



PAR-32 7-Day Controller

The PAR-32 Controller allows you to program up to 8 stop/start patterns per day for up to 7 days at a time. Other features include a variety of operation control functions, operation lock and multi-language display. The PAR-32 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.

Central Controllers (Optional Upgrade)



AT-50B 5" LCD Touch Screen

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.

Heat Pump Selection Guide

Ensuring your heat pump is the right size for your home is just as important as choosing the right style.

Each home is as individual as its owner, which is why Mitsubishi Electric offer a wide variety of heat pump options to choose from. Aside from design, the key to selecting the right heat pump to heat your home is to choose the correct unit size. Choosing an over-sized unit could cost you more in energy usage, while an under-sized heat pump may not provide the heating or cooling the room requires. This guide can be used to give you an approximate idea of heating unit size, but the correct calculation must be carried out by a qualified installer before a unit is purchased.

Room dimensions in a new or well insulated house.

Room Size Calculation					Heat Pump Models						
Room Size	Ceiling Height	Room Volume	Room Size Factor	kW Heating	Wall Mounted				Floor Mounted		Ceiling
					Classic GE Series	Designer Series	Deluxe FH Series	HyperCore® FH Series	RapidHeat Series	HyperCore® Series	Cassette SLZ Series
4m x 3m	x 2.4m	= 28.8m ³	x 55 watts per m ³	= 1.6 kW	GE25VAD†	EF25VE†	FH25VE†	FH25VEHZ†	KJ25VE†		SLZ-KA25†
4m x 4m	x 2.4m	= 38.4m ³	x 55 watts per m ³	= 2.1 kW	GE25VAD†	EF25VE†	FH25VE†	FH25VEHZ†	KJ25VE†		SLZ-KA25†
4m x 5m	x 2.4m	= 48.0m ³	x 55 watts per m ³	= 2.6 kW	GE25VAD†	EF25VE†	FH25VE†	FH25VEHZ†	KJ25VE†		SLZ-KA25
5m x 5m	x 2.4m	= 60.0m ³	x 55 watts per m ³	= 3.3 kW	GE25VAD	EF25VE	FH25VE	FH25VEHZ	KJ25VE		
6m x 5m	x 2.4m	= 72.0m ³	x 55 watts per m ³	= 4.0 kW	GE35VAD	EF35VE	FH35VE	FH35VEHZ	KJ35VE	KJ50VEHZ†	SLZ-KA50†
6m x 6m	x 2.4m	= 86.4m ³	x 55 watts per m ³	= 4.7 kW	GE42VAD	EF42VE	FH50VE	FH50VEHZ	KJ50VE	KJ50VEHZ	SLZ-KA50
6m x 7m	x 2.4m	= 100.8m ³	x 55 watts per m ³	= 5.5 kW	GE50VAD	EF50VE	FH50VE	FH50VEHZ	KJ50VE	KJ50VEHZ	
7m x 7m	x 2.4m	= 117.6m ³	x 55 watts per m ³	= 6.5 kW	GE60VAD				KJ60VE	KJ60VEHZ	
7m x 8m	x 2.4m	= 134.4m ³	x 55 watts per m ³	= 7.4 kW	GE71VAD						
8m x 8m	x 2.4m	= 153.6m ³	x 55 watts per m ³	= 8.4 kW	GE80VAD						

At outdoor ambient 7°C. † Higher rated unit for application, but can be used.

Room dimensions in a cold, damp house or lots of glass.

Room Size Calculation					Heat Pump Models						
Room Size	Ceiling Height	Room Volume	Room Size Factor	kW Heating	Wall Mounted				Floor Mounted		Ceiling
					Classic GE Series	Designer Series	Deluxe FH Series	HyperCore® FH Series	RapidHeat Series	HyperCore® Series	Cassette SLZ Series
4m x 3m	x 2.4m	= 28.8m ³	x 65 watts per m ³	= 1.9 kW	GE25VAD†	EF25VE†	FH25VE†	FH25VEHZ†	KJ25VE†		SLZ-KA25†
4m x 4m	x 2.4m	= 38.4m ³	x 65 watts per m ³	= 2.5 kW	GE25VAD†	EF25VE†	FH25VE†	FH25VEHZ†	KJ25VE†		SLZ-KA25
4m x 5m	x 2.4m	= 48.0m ³	x 65 watts per m ³	= 3.1 kW	GE25VAD	EF25VE	FH25VE	FH25VEHZ	KJ25VE		SLZ-KA25
5m x 5m	x 2.4m	= 60.0m ³	x 65 watts per m ³	= 3.9 kW	GE35VAD	EF35VE	FH35VE	FH35VEHZ	KJ35VE	KJ50VEHZ†	SLZ-KA50†
6m x 5m	x 2.4m	= 72.0m ³	x 65 watts per m ³	= 4.7 kW	GE42VAD	EF42VE	FH50VE	FH50VEHZ	KJ50VE	KJ50VEHZ	SLZ-KA50
6m x 6m	x 2.4m	= 86.4m ³	x 65 watts per m ³	= 5.6 kW	GE50VAD	EF50VE	FH50VE	FH50VEHZ	KJ50VE	KJ50VEHZ	
6m x 7m	x 2.4m	= 100.8m ³	x 65 watts per m ³	= 6.5 kW	GE60VAD				KJ60VE	KJ60VEHZ	
7m x 7m	x 2.4m	= 117.6m ³	x 65 watts per m ³	= 7.6 kW	GE71VAD						
7m x 8m	x 2.4m	= 134.4m ³	x 65 watts per m ³	= 8.7 kW	GE80VAD						

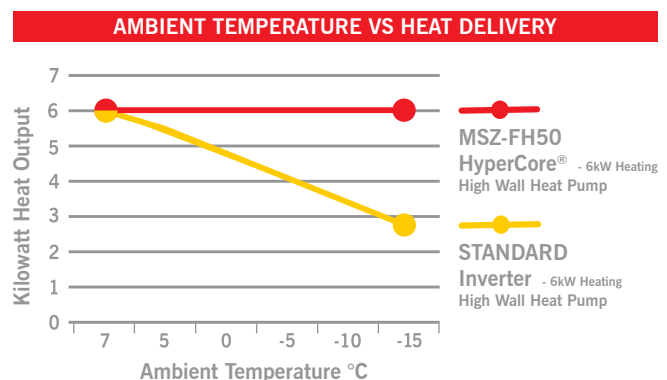
At outdoor ambient 7°C. † Higher rated unit for application, but can be used.

*These are guides only – a heat pump should not be purchased without first obtaining an in-home quote by a qualified Mitsubishi Electric Authorised Installer.

Guaranteed Heating When You Need it Most

As the graph (right) shows, even though both heat pumps are rated to provide 6kW of heat, their performance differs greatly as the temperature drops. While the standard heat pump produces less heat, the HyperCore® FH50 model continues to deliver the full 6kW you paid for.

HYPERCORE® The only heat pump to guarantee full heating output right down to -15°C.



Features Glossary

Features Checklist

Model	Wall Mounted					Floor Mounted		Ceiling Mounted
	GE Series <i>SmI - Med</i>	GE Series <i>Large</i>	Deluxe FH Series	Deluxe FH HyperCore®	Designer Series	RapidHeat	RapidHeat HyperCore®	
Designed To Heat								
Guaranteed Performance	✓	✓	✓	✓	✓	✓	✓	✓
HyperCore® Guarantee				✓			✓	
Superior Comfort								
Whisper Quiet Operation	✓	✓	✓	✓	✓	✓	✓	✓
Quiet Fan Speed	✓	✓	✓	✓	✓	✓	✓	
Auto Vane	✓	✓			✓	✓	✓	✓
Vertical Airflow						✓	✓	
Vertical Vane		✓				✓	✓	
Swing Vertical Vane		✓						
Swing Horizontal Vane	✓	✓	✓	✓	✓	✓	✓	✓
Wide Airflow		✓						
Long Airflow		✓						
Split Vane			✓	✓				
Energy Saving								
DC Inverter + PAM Control	✓	✓	✓	✓	✓	✓	✓	✓
3D i-See Sensor			✓	✓				
i-Save	✓	✓	✓	✓	✓	✓	✓	
Econo Cool	✓	✓	✓	✓	✓	✓	✓	
Rapid Heating						✓	✓	
Fresh Air								
Nano Platinum Filter		✓			✓	✓	✓	
Healthy Catechin Filter	✓							
Anti Allergy Enzyme Filter	✓	✓			✓*	✓	✓	
Adv. Plasma Quad Filtration			✓	✓				
Sophisticated Design								
Flat Panel Style					✓	✓	✓	
Compact Size	✓		✓	✓	✓	✓	✓	✓
Pure White Finish	✓	✓	✓	✓	✓	✓	✓	
Glossy Black					✓			
Matte Silver					✓			
Recessable						✓	✓	
Convenience								
24 Hour Timer on Remote	✓	✓	✓	✓	✓	✓	✓	✓
7-Day Hand Held Controller		✓	✓	✓	✓	✓	✓	
Wi-Fi Control	✓*	✓*	✓*	✓*	✓*	✓*	✓*	
Wide Range Cooling Temp	✓	✓	✓	✓	✓	✓	✓	✓
Auto Change Over	✓	✓	✓	✓	✓	✓	✓	✓
Powerful Mode		✓						
Auto Restart	✓	✓	✓	✓	✓	✓	✓	✓
Installation & Maintenance								
Failure Recall Function	✓	✓	✓	✓	✓	✓	✓	✓
Simple Flare Connection	✓	✓	✓	✓	✓	✓	✓	✓
Long Length Piping	✓	✓	✓	✓	✓	✓	✓	✓
Connection to Multi Room Systems	✓	✓	✓		✓	✓		✓
Self Diagnosis Function	✓	✓	✓	✓	✓	✓	✓	✓
Quick Clean Body	✓	✓						
Pipe Re-Use Technology	✓	✓	✓	✓	✓	✓	✓	

*Optional Feature

Designed to Heat

Guaranteed Low Temperature Performance

All Mitsubishi Electric Heat Pumps are guaranteed to provide heating at low temperatures. Our heat pumps supply heating right down to -15°C.

HyperCore® Guarantee

Superior heating performance guaranteed, regardless of outdoor temperatures. The only heat pump guaranteed in New Zealand to produce its fully rated heating capacity right down to -15°C and guaranteed to heat down to -25°C. More on p.18.

Superior Comfort

Quiet Fan Speed

Mitsubishi Electric Heat Pumps are designed to be very, very quiet. Constant development to reduce sound levels has resulted in our high wall and floor console indoor units starting at an amazingly quiet 19dBA. Many manufacturers claim low sound levels only on their lowest fan setting. Mitsubishi Electric Heat Pumps are designed to be quiet on all fan speeds. The introduction of a quiet fan speed provides truly quiet operation without compromising on comfort levels.

Swing Vanes

In this mode, the vanes will swing automatically, ensuring the heat reaches all areas. In cooling, this also creates a “breeze” effect.

Wide & Long Airflow

Allows the airflow direction to be adjusted according to your preference at the touch of a button. Wide Mode allows airflow to be directed at a wider range from left to right. Long Mode extends airflow to up to 12 metres to reach even the furthest point of large living rooms or open plan areas.

Split Vane

The Split Vane design on the Deluxe FH Series allows airflow to be customised to suit different areas of the room, by independently directing air upwards, downwards or to the side. Split Vane airflow is ideal for multi-level hallways in homes.

Natural Airflow

Natural Airflow mode recreates a light and gentle natural breeze airflow by automatically modulating fan speed and direction. The overall effect is airflow that feels as natural as possible, enhancing total all round comfort.

Unique Energy Saving Features

DC Inverter with PAM Control

Inverter technology matches compressor speed to your indoor heating or cooling requirements. PAM (Pulse Amplitude Modulation) provides higher efficiency within the inverter by controlling the amount of power drawn.

3D i-See Sensor

The unique 3D i-See Sensor continuously analyses the temperature profile of your room, detecting exactly where you and your family are located based on your unique body heat signatures. Using thermal data, it directs the perfect amount of heating or cooling towards those who need it most. More on p.12.

Area Setting

For waste-free, energy saving heating and cooling, area mode works in conjunction with the i-See Sensor to direct heat where it is needed most.

i-Save Mode

Save your preferred settings including the ability to set a lower set-back temperature of 10°C in heating when the room is unoccupied*. This means that less energy is used returning to the desired temperature when the room is reoccupied.

*Applicable to GE Series, Deluxe FH Series, Designer Series and RapidHeat Series models only.

Econo Cool

This energy saving function raises the temperature by 2°C, and airflow is switched to a swing mode, creating a cooling breeze effect, whilst using less energy.

RapidHeat Technology

When two-way airflow is selected, advanced sensors with Intuitive Control Logic enable unparalleled low temperature heating performance in the shortest amount of time possible for maximum energy efficiency.

A Breath of Fresh Air

Advanced Plasma Quad Filtration

Multi-stage filtration system designed to effectively neutralise contaminants such as allergens, viruses, and bacteria; all whilst ensuring the circulation of fresh, clean air back into the room. For more information please see p. 14.

Nano Platinum Filter

Incorporates platinum particles into the filter material to provide semi-permanent antibacterial and deodorising properties, eliminating airborne bacteria while improving air quality.

Healthy Catechin Filter

Catechin is a compound found in green tea. It has both antiviral and antioxidant qualities, as well as excellent deodorising properties.

Anti Allergy Enzyme Filter

Enzymes contained within the filter combat allergens, with the power to remove harmful microbes such as bacteria, viruses, dust mites and pollen.

Sophisticated Design

Colour Options

We offer a range of colours including glossy black, matte silver and pure white so your heat pump seamlessly fits in with your home décor.

Compact Size

Mitsubishi Electric understands that a heat pump needs to be unobtrusive as well as quietly efficient. Our heat pumps have been designed to be as compact as possible, while ensuring maximum heating and cooling performance is not compromised.

Discreet, Contemporary, Unobtrusive Heating

Our heat pumps have been designed to be as compact and slimline as possible. Our RapidHeat Floor Console Series can even be recessed, reducing the overall depth by 33%.

Convenience

24 Hour Timer on Remote

A feature of the infra-red remote controllers provided with our heat pumps. Allows one off time and one on time per 24 hour period. This must be reset daily.

7-Day Hand Held Controller

The 7-Day timer function stores up to four settings (per 24 hour period) including start/stop operation and temperature settings on a weekly basis, eliminating the need to reset the timer daily. Programming your heat pump to start up before you wake or return home means you can enjoy total comfort with ease. More on p.25.

Wi-Fi Control

This innovative technology connects your Mitsubishi Electric Heat Pump(s) to your smartphone, tablet or online account, allowing you to control each unit on-the-go via an internet connection. Purchase additional adaptors to customise each heat pump to suit your needs. Advanced features not available on standard remotes are now possible with Wi-Fi Control.

Auto Change Over

The system will automatically switch between heating and cooling once the desired temperature is reached, to maintain the room temperature without user intervention. For example, on a frosty morning the unit will operate in heating mode to maintain a room temperature of 21°C. Once the sun rises and begins to warm the room, the unit can switch to cooling to maintain the 21°C set temperature.

Powerful Mode

The automatic, one-touch Powerful Mode ensures faster heating or cooling by producing more airflow than even the Super High fan speed setting. A room can be heated or cooled to the desired temperature in less than 15 minutes before the unit automatically returns to the regular setting.

Installation and Maintenance

Easy Installation

A multitude of features including long length piping, simple flare connections and installation plates have been incorporated into our heat pump systems to ensure installation is as simple as possible for the installer.

Pipe Re-Use Technology

Unique to Mitsubishi Electric, our heat pumps are able to replace old R22 systems of any brand with efficient R410a refrigerant using existing pipe work, reducing wasted materials as well as installation time.

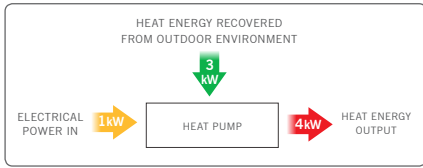
Multi Room Connection

Almost all of the indoor components of the systems listed in this brochure are available for connection to Multi Room Outdoor units. For system designs to suit entire homes, you are free to select from a variety of indoor unit styles, not limited to one type.

Quick Clean Indoor Units

A removable cover panel allows for quick and easy cleaning, and no special tools are required to open the airflow vents in order to clean inside the unit. Our exclusive Quick Clean Kit can connect to any household vacuum cleaner for thorough cleaning of the heat exchanger.

Specifications



Measure of Energy Efficiency – COP / EER

A calculated measurement of energy efficiency for both heating and cooling using the ratio of kW input to kW output. Known as the Coefficient of Performance (COP) for heating, and Energy Efficiency Ratio (EER) for cooling. The higher the number, the more efficient a heat pump is. In the example pictured, the COP would be 4.0.

Measure of Energy Efficiency – ACOP / AEER

A calculated measurement of annual efficiency. In addition to the ratio of kW input to kW output, this calculation factors in other variables like the non-operating (standby) power of the heat pump. The higher the number, the more efficient a heat pump is.

Note:

1. 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): 5 m

2. Guaranteed operating range: see specifications table.

3. Dry function will not work when the room temperature is below 13°C

EER = Energy Efficiency Ratio

COP = Coefficient of Performance

AEER = Annual Energy Efficiency Ratio

ACOP = Annual Coefficient of Performance

Colour: Heat pump units shown may not be colour accurate, please ensure you view an actual unit for colour matching.

† Maximum length is inclusive of height differential. i.e. (20/12) means the pipe can be 12m high and 8m across for a total length of 20m.

Sound Level: (SHi = Super High).

(Quiet-SHi*) Quiet / Low / Medium / High / Super High.

(Low-SHi*) Low / Medium / High / Super High.

(Low-Hi*) Low / Medium / High.

Out SPL: Outdoor Sound Pressure Level measured under rated operating frequency.

*Sound Levels rated at lowest fan speed.

** Refer to Technical Manual

QUICK GLANCE	TYPE	Classic GE Series			
	SERIES				
	MODEL	MSZ-GE25	MSZ-GE35	MSZ-GE42	MSZ-GE50
	INDOOR UNIT	MSZ-GE25VAD	MSZ-GE35VAD	MSZ-GE42VAD	MSZ-GE50VAD
	OUTDOOR UNIT	MUZ-GE25VAD	MUZ-GE35VAD	MUZ-GE42VAD	MUZ-GE50VAD
COOL	2.5kW 4.40 EER 19 dBA*	3.5kW 3.98 EER 19 dBA*	4.2kW 3.38 EER 26 dBA*	4.8kW 3.34 EER 28 dBA*	
HEAT	3.2kW 4.47 COP 19 dBA*	4.0kW 4.08 COP 19 dBA*	5.4kW 3.63 COP 26 dBA*	5.8kW 3.61 COP 28 dBA*	
ENERGY STAR®					
ENERGY RATING					
PREVIOUS ENERGY RATING	6.0	6.0	5.5	4.5	

COOL	Capacity	Rated	[kW]	2.5	3.5	4.2	4.8	
		Min-Max	[kW]	1.1-3.5	1.1-4.0	0.9-4.8	1.4-5.4	
	Input	Rated	[kW]	0.56	0.92	1.26	1.48	
	EER	4.40				3.98	3.38	3.34
	AEER	4.28				3.91	3.34	3.30
	Star Rating	4				3	2	2
	Sound Level	In (Quiet)	[dBA]	19	19	26	28	
		In (Low-SHi*)	[dBA]	21-29-36-42	22-30-36-43	30-35-40-46	33-38-44-49	
		Out (SPL*)	[dBA]	46	47	50	54	
	Rated Current (In+Out)	[A]	2.9	4.4	5.8	6.8		
Max. Current	[A]	7.4	8.6	10.0	13.0			
Air Volume In (SHi*)	[L/s]	188	212	213	252			

HEAT	Capacity	Rated	[kW]	3.2	4.0	5.4	5.8	
		Min-Max	[kW]	1.3-4.5	1.6-5.3	1.4-6.0	1.4-7.2	
	@ -15 °C	[kW]	**	**	**	**		
	Input	Rated	[kW]	0.73	0.99	1.54	1.65	
	COP	4.47				4.08	3.63	3.61
	ACOP	4.37				4.02	3.59	3.58
	Star Rating	4				3.5	2.5	2.5
	Sound Level	In (Quiet)	[dBA]	19	19	26	28	
		In (Low-SHi*)	[dBA]	21-29-36-42	22-30-36-43	30-35-40-46	33-37-43-48	
		Out (SPL*)	[dBA]	48	48	51	56	
Rated Current (In+Out)	[A]	3.8	4.6	7.0	7.4			
Max. Current	[A]	7.4	8.6	10	13.0			
Air Volume In (SHi*)	[L/s]	192	192	218	242			

Controller	Standard	Infra Red Remote			
	Optional Wired 7-Day Timer	Optional: PAR-32 (interface required)			
Adaptor	Optional Wi-Fi Adaptor	Optional: MAC-558IF-E			
Power Supply	(Powered from outdoor unit)	230 / Single Phase / 50 Hz			
Indoor	Dimensions (WxDxH)	798 x 232 x 295			
	Weight	10			
Outdoor	Dimensions (WxDxH)	800 x 285 x 550	800 x 285 x 550	800 x 285 x 550	840 x 330 x 850
	Weight	30	33	36	54
	Sound Level - SPL*/Power (Cooling-Heating)	46-48 / 58-59	47-48 / 61-62	50-51 / 62-64	54-56 / 69-69
Piping	Diameter (Liquid/Gas)	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Max. Length/Height†	20 / 12	20 / 12	20 / 12	30 / 15
	Chargeless Piping Length	7	7	7	7
Operation Range Outdoor	Cooling	[-10 / +46]	[-10 / +46]	[-10 / +46]	[-10 / +46]
	Heating	[-15 / +24]	[-15 / +24]	[-15 / +24]	[-15 / +24]
Colour	White				

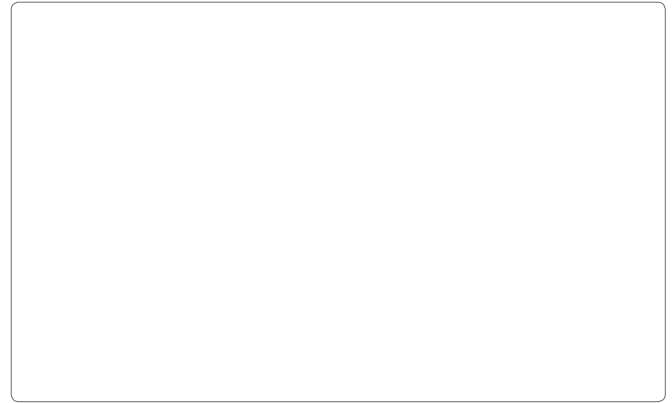
Wall Mounted Heat Pumps

Classic GE Series			Designer Series				Deluxe FH Series			HyperCore® FH Series	
MSZ-GE60	MSZ-GE71	MSZ-GE80	MSZ-EF25	MSZ-EF35	MSZ-EF42	MSZ-EF50	MSZ-FH25	MSZ-FH35	MSZ-FH50	MSZ-FH25VEHZ	MSZ-FH35VEHZ
MSZ-GE60VAD	MSZ-GE71VAD	MSZ-GE80VAD	MSZ-EF25VEW/B/S	MSZ-EF35VEW/B/S	MSZ-EF42VEW/B/S	MSZ-EF50VEW/B/S	MSZ-FH25VE	MSZ-FH35VE	MSZ-FH50VE	MSZ-FH25VE	MSZ-FH35VE
MUZ-GE60VAD	MUZ-GE71VAD	MUZ-GE80VAD	MUZ-EF25VE	MUZ-EF35VE	MUZ-EF42VE	MUZ-EF50VE	MUZ-FH25VE	MUZ-FH35VE	MUZ-FH50VE	MUZ-FH25VEHZ	MUZ-FH35VEHZ
6.0kW 3.55 EER 29 dBA*	7.1kW 3.49 EER 30 dBA*	7.8kW 3.31 EER 30 dBA*	2.5kW 4.58 EER 21 dBA*	3.5kW 3.91 EER 21 dBA*	4.2kW 3.29 EER 28 dBA*	5.0kW 3.11 EER 30 dBA*	2.5kW 5.06 EER 20 dBA*	3.5kW 4.20 EER 21 dBA*	5.0kW 3.66 EER 27 dBA*	2.5kW 5.06 EER 20 dBA*	3.5kW 4.20 EER 21 dBA*
6.8kW 3.84 COP 29 dBA*	8.1kW 3.82 COP 30 dBA*	9.0kW 3.54 COP 30 dBA*	3.2kW 4.78 COP 21 dBA*	4.0kW 4.31 COP 21 dBA*	5.4kW 3.82 COP 28 dBA*	5.8kW 3.55 COP 30 dBA*	3.2kW 5.49 COP 20 dBA*	4.0kW 4.90 COP 21 dBA*	6.0kW 4.11 COP 25 dBA*	3.2kW 5.49 COP 20 dBA*	4.0kW 4.90 COP 21 dBA*
2.5 3.0	2.0 3.0	2.0 2.5	4.5 4.5	3.0 4.0	2.0 2.5	1.5 2.5	5.5 6.0	3.5 5.0	2.5 3.5	5.5 6.0	3.5 5.0
6.0 6.0	5.5 6.0	4.5 5.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6.0	7.1	7.8	2.5	3.5	4.2	5.0	2.5	3.5	5.0	2.5	3.5
1.5-7.5	2.4-8.7	2.4-9.2	1.2 - 3.4	1.4 - 4.0	0.9 - 4.6	1.4 - 5.4	1.4 - 3.5	0.8 - 4.0	1.9 - 6.0	0.8 - 3.5	0.8 - 4.0
1.76	2.13	2.46	0.55	0.91	1.28	1.56	0.51	0.86	1.38	0.51	0.86
3.55	3.49	3.31	4.58	3.91	3.29	3.11	5.06	4.20	3.66	5.06	4.20
3.51	3.46	3.28	4.55	3.89	3.28	3.11	5.03	4.18	3.65	5.03	4.18
2.5	2	2	4.5	3.0	2.0	1.5	5.5	3.5	2.5	5.5	3.5
29	30	30	21	21	28	30	20	21	27	20	21
37-41-45-49	37-41-45-49	37-41-45-49	23-29-36-42	24-29-36-42	31-35-39-42	33-36-40-43	23-29-36-42	24-29-36-42	31-35-39-44	23-29-36-42	24-29-36-42
55	55	55	47	49	50	52	46	49	51	46	49
7.8	9.4	11.3	2.9	4.2	5.7	6.9	2.7	4.0	6.1	2.7	4.0
14.5	16.6	16.6	7.3	8.5	9.5	12.4	9.6	10	14	9.6	10
305	298	298	175	175	172	183	193	193	206	193	193
6.8	8.1	9.0	3.2	4.0	5.4	5.8	3.2	4.0	6.0	3.2	4.0
2.0-9.3	2.2-9.9	2.2-11.1	1.1 - 4.2	1.8 - 5.5	1.4 - 6.3	1.6 - 7.5	1.8 - 5.5	1.0 - 6.3	1.7 - 8.7	1.0 - 6.3	1.0 - 6.6
**	**	**	**	**	**	**	**	**	**	3.2	4.0
1.77	2.11	2.55	0.70	0.96	1.46	1.57	0.58	0.8	1.48	0.58	0.8
3.84	3.82	3.54	4.78	4.31	3.82	3.55	5.49	4.90	4.11	5.49	4.90
3.80	3.78	3.52	4.76	4.29	3.81	3.55	5.46	4.88	4.10	5.46	4.88
3	3	2.5	4.5	4.0	2.5	2.5	6.0	5.0	3.5	6.0	5.0
29	30	30	21	21	28	30	20	21	25	20	21
37-41-45-49	37-41-45-49	37-41-45-49	24-29-37-45	24-30-38-46	30-35-41-48	33-37-43-49	24-29-36-44	24-29-36-44	29-34-39-46	24-29-36-44	24-29-36-44
55	55	55	48	50	51	52	49	50	54	49	50
7.8	9.5	11.2	3.5	4.4	6.5	7.0	2.9	3.8	6.5	2.9	3.8
14.5	16.6	16.6	7.3	8.5	9.5	12.4	9.6	10	14	9.6	10
305	298	298	198	212	212	220	220	220	243	220	220
Infra Red Remote with 7 Day Timer <i>Optional: PAR-32 (interface required)</i> <i>Optional: MAC-558IF-E</i>			Infra Red Remote with 7 Day Timer <i>Optional: PAR-32 (interface required)</i> <i>Optional: MAC-558IF-E</i>				Infra Red Remote with 7 Day Timer <i>Optional: PAR-32 (interface required)</i> <i>Optional: MAC-558IF-E</i>				
230 / Single Phase / 50 Hz			230 / Single Phase / 50 Hz				230 / Single Phase / 50 Hz				
1,100 x 238 x 325			895 x 195 x 299				925 x 234 x 305 (+17)				
16			11.5				13.5				
840 x 330 x 880	840 x 330 x 880	840 x 330 x 880	800 x 285 x 550	800 x 285 x 550	800 x 285 x 550	840 x 330 x 880	800 x 285 x 550		840 x 330 x 880	800 x 285 x 550	
50	53	53	30	35	35	54	37		55	37	
55-55 / 69-69	55-55 / 69-69	55-55 / 69-69	47-48 / 60-60	49-50 / 63-63	50-51 / 64-64	52-52 / 66-66	46 - 49	49 - 50	51 - 54	46 - 49	49 - 50
6.35 / 15.88	9.52 / 15.88	9.52 / 15.88	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 9.52	6.35 / 9.52
30 / 15	30 / 15	30 / 15	20 / 12	20 / 12	20 / 12	30 / 15	20 / 12	20 / 12	30 / 15	20 / 12	20 / 12
10	10	10	7	7	7	7	7	7	7	7	7
-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46
-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-25 / +24	-25 / +24
White			White, Silver, Black				White				

Series	Floor Mounted Heat Pumps						Ceiling Mounted Heat Pumps				
	RapidHeat Series				RapidHeat HyperCore® Series		Cassette SLZ Series				
	MSZ-FH50VEHZ	MFZ-KJ25	MFZ-KJ35	MFZ-KJ50	MFZ-KJ60	MFZ-KJ50VEHZ	MFZ-KJ60VEHZ	SLZ-KA25	SLZ-KA50		
	MSZ-FH50VE	MFZ-KJ25VE	MFZ-KJ35VE	MFZ-KJ50VE	MFZ-KJ60VE	MFZ-KJ50VE	MFZ-KJ60VE	SLZ-KA25VAL/Q	SLZ-KA50VAL/Q		
	MUZ-FH50VEHZ	MUFZ-KJ25VE	MUFZ-KJ35VE	MUFZ-KJ50VE	MUFZ-KJ60VE	MUFZ-KJ50VEHZ	MUFZ-KJ60VEHZ	SUZ-KA25VA3	SUZ-KA50VAD		
	5.0kW 3.66 EER 27 dBA*	2.5kW 4.84 EER 20 dBA*	3.5kW 3.84 EER 20 dBA*	5.0kW 3.57 EER 27 dBA*	6.0kW 3.47 EER 27 dBA*	5.0kW 3.57 EER 27 dBA*	6.0kW 3.49 EER 27 dBA*	2.3kW 3.81 EER 28 dBA*	4.2kW 3.35 EER 30 dBA*		
	6.0kW 4.11 COP 25 dBA*	3.4kW 4.42 COP 19 dBA*	4.3kW 3.81 COP 19 dBA*	5.8kW 3.83 COP 29 dBA*	6.8kW 3.59 COP 29 dBA	5.8kW 3.94 COP 29 dBA*	6.8kW 3.65 COP 29 dBA*	3.1kW 3.94 COP 28 dBA*	4.5kW 3.31 COP 30 dBA*		
	2.5	3.5	5.0	4.0	3.0	3.0	2.5	3.0	2.0	1.5	
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.5	2.5	1.0	1.5
	5.0	2.5	3.5	5.0	6.0	5.0	6.0	2.3	4.2		
	1.9 - 6.0	0.5 - 3.4	0.5 - 3.7	1.6 - 5.7	1.6 - 6.8	1.6 - 5.7	1.6 - 6.8	0.9 - 3.2	1.1 - 5.2		
	1.38	0.54	0.9	1.4	1.75	1.4	1.75	0.6	1.27		
	3.66	4.84	3.84	3.57	3.47	3.57	3.49	3.81	3.35		
	3.65	4.84	3.84	3.57	3.47	3.57	3.49	3.64	3.28		
	2.5	5.0	3.0	2.5	2.0	2.5	2.0	2.5	2.0		
	27	20	20	27	27	27	27	-	-		
	31-35-39-44	25-30-35-39	25-30-35-39	31-35-39-44	35-39-46-53	31-35-39-44	35-39-46-53	28-31-37	30-34-39		
	51	46	47	49	52	49	52	46	53		
	6.1	2.7	4.2	6.2	7.8	6.2	7.8	3.7	6.9		
	14	9.4	9.4	14	16.5	14	16.5	8.2	16.0		
	206	136	136	177	250	177	250	167	183		
	6.0	3.4	4.3	5.8	6.8	5.8	6.8	3.1	4.5		
	1.7 - 8.7	1.2 - 4.6	1.2 - 5.8	2.2 - 8.2	2.2 - 9.1	2.2 - 8.4	2.2-9.1	0.9 - 4.5	0.9 - 6.5		
	6.0	**	**	**	**	5.8	6.8	**	**		
	1.48	0.77	1.10	1.5	1.89	1.5	1.89	0.82	1.37		
	4.11	4.42	3.81	3.83	3.59	3.94	3.65	3.94	3.31		
	4.10	4.42	3.81	3.83	3.59	3.94	3.65	3.81	3.25		
	3.5	4.0	3.0	3.0	2.5	3.0	2.5	3.0	1.5		
	25	19	19	29	29	29	29	-	-		
	29-34-39-46	25-30-35-41	25-30-35-41	35-40-45-50	35-41-47-51	35-40-45-50	35-41-47-51	28-31-37	30-34-39		
	54	51	51	52	53	52	53	46	55		
	6.5	3.7	5.0	6.7	8.4	6.7	8.4	4.3	7.1		
	14	9.4	9.4	14	16.5	14	16.5	8.2	16.0		
	243	161	161	233	243	233	243	167	183		
	Infra Red Remote with 7 Day Timer						~VAL: Infra Red Remote,				
	Optional: PAR-32 (interface required)						~VAQ: Wired 7 Day Timer				
	Optional: MAC-558IF-E						-				
	230 / Single Phase / 50 Hz						230V / Single Phase / 50 Hz				
	750 x 215 x 600						570 x 570 x 235 (Panel: 650 x 650 x 20)				
	15						16.5 (Panel: 3)				
	840 x 330 x 880	800 x 285 x 550		840 x 330 x 880			800 x 285 x 550	840 x 330 x 850			
	55	37		55			30	53			
	51 - 54	46-59 / 51-62	47-60 / 51-63	49-63 / 52-63	52-65 / 53-65	49-63 / 52-63	52-65 / 53-65	46-46 / 59-59	53-55 / 68-68		
	6.35 / 12.7	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	6.35 / 12.7	6.35 / 12.7	6.35 / 12.7	6.35 / 9.52	6.35 / 12.7		
	30 / 15	20 / 12	20 / 12	30 / 15	30 / 15	30 / 15	30 / 15	20 / 12	30 / 30		
	7	7	7	7	7	7	7	7	7		
	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-10 / +46	-15 / +43		
	-25 / +24	-15 / +24	-15 / +24	-15 / +24	-15 / +24	-25 / +24	-25 / +24	-10 / +24	-10 / +24		
	White						White				

Your Heat Pump Recommendation

Store Contact Details



Staple business card here

Range Recommended (Circle Below)



Classic GE Series
Wall Mounted p.7



Designer Series
Wall Mounted p.9



Deluxe FH Series
Wall Mounted p.11



RapidHeat Series
Floor Mounted p.15



HyperCore® Series
Wall & Floor Mounted p.17



Cassette SLZ Series
Ceiling Mounted p.20



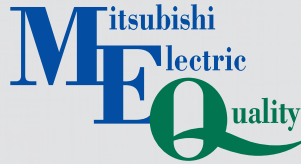
Concealed / Ducted
p.21



Multi Room
p.22

Model(s) Recommended

Notes



Quality you can rely on

- All units line tested
- Performance tested
- 800 hour heat stress test
- 2000 hour endurance test

Your Guarantee Of Excellence

This emblem is your assurance of the very best in technology and quality as it represents Mitsubishi Electric's continuing efforts in making our heat pumps the industry standard. Every Mitsubishi Electric Heat Pump is a product of painstaking research, relentless testing, and a resolute determination to improve upon vital performance characteristics. As a result, our heat pumps have become more durable, less costly to operate, quieter, easier to install and maintain, and better able to distribute air evenly throughout any type of interior. This kind of commitment to quality enables our products to create remarkably pleasant environments that will ultimately make your life more comfortable.

5 Year Warranty

The Mitsubishi Electric Heat Pumps listed in this brochure come with a full 5 year parts, labour, and compressor warranty. Warranty conditions apply.

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



www.mitsubishi-electric.co.nz



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