

Inverter Split Systems

**HITACHI**  
Inspire the Next



# Technology for all seasons

Introducing the advanced technology  
and efficiency of Hitachi air conditioning



# What do I need for my bedroom?

## Whisper-quiet cooling and heating for smaller rooms

Exceptionally designed for modern homes and lifestyles, our 2.5kW and 3.5kW inverter wall units are perfect for bedrooms, studies, offices and rooms up to 30 square metres.

Hitachi air conditioners feature an innovative design and inverter twin rotary compressors for minimal noise and maximum efficiency. By harnessing the latest in noise reduction technology, you'll enjoy a peaceful environment and most of the time you won't even notice your unit is on.

## Enjoy the Silence with Quiet Mode

With Hitachi, noisy air conditioners are a thing of the past. Our modern 'Full Flat' design has ensured efficient yet ultra-quiet air conditioning.

The intelligent, compact panel draws air through the top of the unit and diagonally across the heat exchanger to cover a wider area in near silence.

**So you and your neighbours can enjoy peace and quiet at all times.**

### Key Features

- Quiet operation from the ultra low fan speed for night time operation. Super low 22dBA on RAS25YHA3.
- Compact indoor unit for that smaller space.
- Clean air from the washable antibacterial filter.
- Easy to use controller.
- Long lasting with outdoor coil anti corrosion treatment.

## CHECKLIST

Model	RAS-25YHA3	RAS-35YHA4
- Indoor Unit	RAS-25YHA3	RAS-35YHA4
- Outdoor Unit	RAC-25YHA3	RAC-35YHA4
<b>Capacity</b>		
- Cooling (kW)	2.5 (0.9 - 3.1)	3.5 (1.1 - 4.2)
- Heating (kW)	3.4 (0.9 - 4.4)	4.5 (1.1 - 5.6)
<b>Energy Efficiency</b>		
- AEER Cooling	3.74 / ★★☆☆	3.74 / ★★☆☆
- ACOP Heating	3.87 / ★★☆☆	3.85 / ★★☆☆
<b>Noise Levels</b>		
- Indoor Unit (dB)		
<i>High / Med / Low / (Sleep)</i>	38 / 32 / 26 / (22)	43 / 35 / 29 / (26)
- Outdoor Unit (dB)		
<i>cooling / heating</i>	46 / 49	46 / 49
<b>Dimensions</b>		
- Indoor (H x W x D mm)	280 / 780 / 220	280 / 780 / 220
- Outdoor (H x W x D mm)	548 / 750 / 288	548 / 750 / 288
- Weights IU / OU (kg)	9.5 / 33	9.5 / 36
<b>Air Flow</b>		
(L/s) <i>High/Med/Low/(Sleep)</i>	142 / 119 / 103 / (92)	167 / 135 / 111 / (102)

Note: Rated capacity is measured in accordance with AS/NZ3823



Suggested room usage is indicative only. 1 unit per room.







# What about my living room?

## Efficient and effective for medium sized rooms

When you need to heat and cool those medium-sized rooms, like living areas and rumpus rooms, a Hitachi 5kW or 6kW inverter wall unit is ideal. Designed for rooms up to 50 square metres, you'll enjoy a comfortable environment all year round.

Plus, you'll have peace of mind knowing that your air conditioner has a lower impact on the environment thanks to improved efficiency and a non-ozone depleting refrigerant.

## Supreme Efficiency Every Time

Today more than ever, efficiency is paramount. And with Hitachi, you'll get that and more with an array of innovative features.

You'll benefit from the Power Active Module (PAM) Inverter system, which minimises power losses and ensures an efficient performance even when the temperature drops to -15 degrees.

Plus, the directional airflow flap ensures rooms can quickly and effectively adjust to the required temperature.

### Key Features

- Clean air from the washable antibacterial filter.
- Easy to use controller.
- Long lasting with outdoor coil anti corrosion treatment.

## CHECKLIST

Model	RAS-50YHA3 RAC-50YHA3	RAS-60YHA3 RAC-60YHA3
<b>Capacity</b>		
- Cooling (kW)	5.0 (0.9 - 5.8)	6.0 (0.9 - 6.8)
- Heating (kW)	6.1 (0.9 - 6.8)	7.0 (0.9 - 7.5)
<b>Energy Efficiency</b>		
- AEER Cooling	3.31 / ★★	3.28 / ★★
- ACOP Heating	3.60 / ★★	3.46 / ★★
<b>Noise Levels</b>		
- Indoor Unit (dB)		
<i>High / Med / Low / (Sleep)</i>	47 / 39 / 28 / (24)	49 / 41 / 32 / (29)
- Outdoor Unit (dB)		
<i>cooling / heating</i>	50 / 52	50 / 51
<b>Dimensions</b>		
- Indoor (H x W x D mm)	295 / 1030 / 207	295 / 1030 / 207
- Outdoor (H x W x D mm)	650 / 850 / 298	750 / 850 / 298
- Weights IU / OU (kg)	11 / 45	11 / 50
<b>Air Flow</b>		
(L/s) <i>High/Med/Low/(Sleep)</i>	227 / 173 / 117 / (87)	250 / 183 / 133 / (121)

Note: Rated capacity is measured in accordance with AS/NZ3823



Suggested room usage is indicative only. 1 unit per room.



# I have a big open plan family area. Can you help?

## Heat and cool large open-plan areas with ease

Air-conditioning those larger rooms will no longer be a problem with a Hitachi 7kW or 8kW inverter wall unit. Ideal for rooms up to 70 square metres, you can relax and enjoy the perfect indoor environment.

Let Hitachi do all the hard work for you. Each unit includes a Lambda Heat Exchanger, a clever control feature that automatically provides optimal comfort with a combination of indoor/outdoor sensors and temperature settings.

The unit intuitively adjusts the room temperature by allowing a wider air inlet path across the heat exchanger.

## Enjoy a Powerful Performance

Hitachi gives you a powerful, reliable performance every time.

The Power Active Module (PAM) Inverter system minimises power losses and ensures efficiency even when the temperature drops to -15 degrees. Plus, with the inverter twin rotary compressor, you can be assured of a smoother, quieter operation.

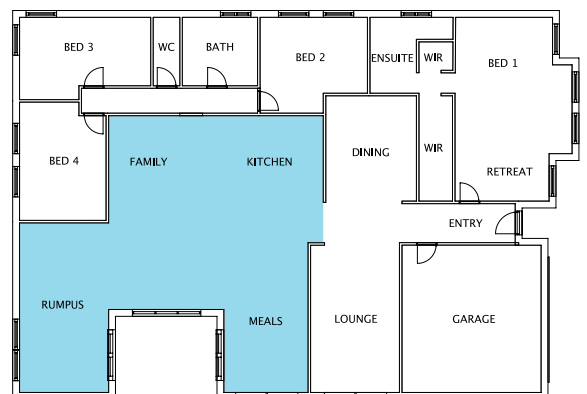
### Key Features

- Comfort for the whole room with bi-directional louvres.
- Long lasting with outdoor coil anti corrosion treatment.
- Easy to use controller.
- Clean air from the washable antibacterial filter.

### CHECKLIST

Model	RAS-70YHA3 RAC-70YHA3	RAS-80YHA3 RAC-80YHA3
<b>Capacity</b>		
- Cooling (kW)	7.0 (1.5 - 8.3)	8.0 (1.5 - 8.5)
- Heating (kW)	8.3 (1.5 - 9.7)	9.0 (1.5 - 9.7)
<b>Energy Efficiency</b>		
- AEER Cooling	3.36 / ★★	3.22 / ★★
- ACOP Heating	3.47 / ★★	3.23 / ★★
<b>Noise Levels</b>		
- Indoor Unit (dB)	47 / 42 / 33 / (30)	49 / 45 / 40 / (36)
<i>High / Med / Low / (Sleep)</i>		
- Outdoor Unit (dB)	51 / 53	55 / 55
<i>cooling / heating</i>		
<b>Dimensions</b>		
- Indoor (H x W x D mm)	333 / 1150 / 245	333 / 1150 / 245
- Outdoor (H x W x D mm)	800 / 850 / 298	800 / 850 / 298
- Weights IU / OU (kg)	16 / 52	16 / 52
<b>Air Flow</b>		
(L/s) High/Med/Low/(Sleep)	292 / 242 / 167 / (142)	350 / 242 / 225 / (200)

Note: Rated capacity is measured in accordance with AS/NZ3823



Suggested room usage is indicative only. 1 unit per room.





# Simple comfort ... even before you get home.

## Easy to use LCD Remote Control

Keeping your home at the right temperature couldn't be easier.

The handy infrared remote control allows you to accurately and easily select your desired room temperature from your armchair.

All commands are shown clearly on the LCD display, while a smart system of one-touch buttons allows you to select the perfect temperature with ease.

**But why wait until you get home?** You can set the temperature and timer before you go out, so you'll come home to comfort no matter what the temperature's like outside - what could be better?



### Key Features

- Easy control with the Auto / Cool / Heat and Dry settings
- Quiet and comfortable Night set back mode
- Always comfortable with fan speed control High / Med / Low / Sleep / Auto
- Comfort in the whole room with Auto Swing Louvre control
- In control with the 24hr timer
- Cosy heating with the Hot Start function
- Quick comfort with the Rapid Start Up Inverter compressor control
- Commercial option of wired remote and central controls for controlling multiple units
- Reliable comfort from the Auto restart





## Ecologically aware

Hitachi is dedicated to providing the most environmentally friendly air conditioning solutions possible. Our higher operating efficiencies and the use of a non-ozone depleting refrigerant ensure we lessen our impact on the environment.

Plus, our units are among the most energy efficient in Australia and exceed the Australian Government MEPS energy efficient standards.



## Innovative noise reduction technology

All Hitachi air conditioners are designed with low noise and vibration technology so both you and your neighbours can enjoy peace and quiet.

With an innovative design and rotary compressors, you will always enjoy minimal noise and maximum efficiency



## Dedicated to reducing power costs

The cost of power is always a problem. Any form of environmental modification will consume energy, but Hitachi air conditioning is one of the most efficient forms of climate control available. Features like our innovative PAM Inverter system offer high power while maintaining excellent energy efficiency.

Our aim is to ensure you enjoy the perfect indoor climate without the worry of excess power consumption and energy bills.



## Hitachi's environmental focus

Hitachi's environmental focus encompasses more than an energy-saving performance. By reducing noise pollution, improving recyclability and decreasing energy consumption during production, our ecologically-aware air conditioners help prevent global warming by minimising environmental impact.





## Nationwide dealer network

Hitachi domestic air conditioners are distributed throughout Australia by Temperzone Australia. That means you can rely on efficient, highly trained support staff and skilled technicians in every State and Territory in the unlikely event your unit ever needs service.

You can contact the support team during business hours to discuss your air conditioning needs by calling **1800 21 1800**.



## Choosing the most economic package

Hitachi puts you in control of your running costs. Running costs of different brands vary widely, and different units may appear to offer a competitive Energy Efficiency Rating (EER). But the best whole-of-life cost will only come from the right package. Choose a unit with a good EER that's too small for the job, and it will work too hard, absorbing excessive energy to heat or cool your home. If a unit is too large, you will also end up paying more for energy than you should.

The cost of the unit is the other factor. Price does not always indicate a good EER. For the right package that combines energy efficiency and sufficient size for the job at the right price, be guided by your Hitachi dealer who will offer good, practical advice that's easy to understand.



## Easy access to spare parts

When you choose Hitachi, you'll never have to worry about spare parts. Hitachi is fully integrated into the Temperzone warranty and spare parts system.

As Australia and New Zealand's leading specialist air conditioning organisation, Temperzone has a national network of spare parts warehouses and agents throughout Australia that's second to none.



## Peace of mind with Hitachi's superior support system

Hitachi provides its customers with effective and efficient after sales service support throughout Australia.

With a large and experienced team of fully qualified technicians, Hitachi has a wide network of authorised service agents to help you when you need it.



## 5 year warranty

Hitachi stands behind the quality built in to its products. Every Hitachi air conditioning system is covered by a comprehensive 5-year parts and labour warranty.







# Multizone - affordable comfort for your whole home.

## Enjoy a flexible whole home solution with a Hitachi Multizone

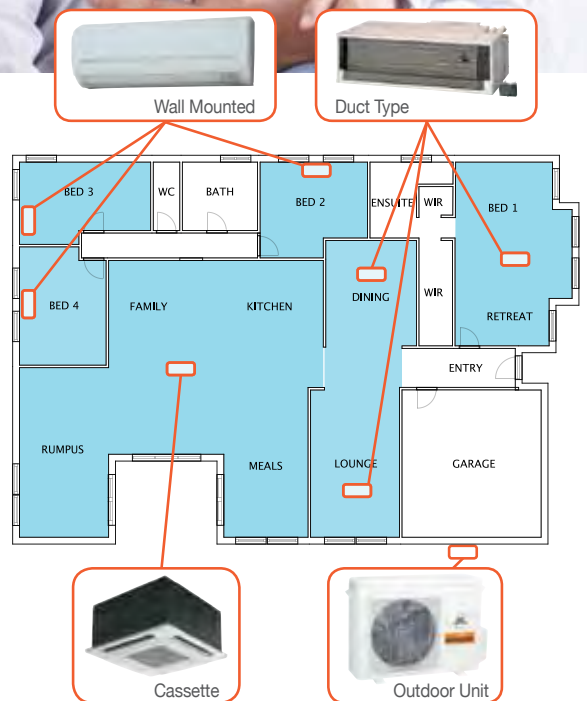
Now you can enjoy the benefits of ducted air conditioning without the cost. Our Multizone - Inverter Multi Split systems offer a simple, cost-effective solution for your entire home.

You can heat and cool your house from a single outdoor unit and use central temperature controls without needing ceiling or under-floor space for ductwork.

By combining a range of wall-mounted, under-ceiling, cassette and ducted components, Multizone - Multi Split can be installed in buildings with concrete slab floors and cathedral ceilings, or town houses and home units where both the floor and ceiling are concrete slabs.

Plus, Multizone - Multi Split uses easily concealable refrigerant piping so it won't affect the interior of your home.

**This flexible system can be configured to suit a wide variety of building designs.**



### Key Features

- Easy to use controls.
- Compact indoor unit for that smaller space.
- Long lasting with outdoor coil anti corrosion treatment.

### CAPACITY RANGE

(All DC Inverter PAM Multizone)

OUTDOOR UNIT	DUAL	TRIPLE	QUAD			INDOOR UNIT	Capacity Range (kW)					
	(2 Rooms) Multizone	(3 Rooms) Multizone	(4 Rooms) Multizone	(5 Rooms) Multizone	(6 Rooms) Multizone		1.8	2.5	3.5	5.0	6.0	7.0
MODEL	55QHAI	65QHAI	72QHAI	90QHAI	130QHAI	Wall (RAK)	●	●	●	●	●	●
Nominal Capacity	4.0 (Cooling) 5.0 (Heating)	6.3 (Cooling) 7.5 (Heating)	7.1 (Cooling) 8.6 (Heating)	9.0 (Cooling) 11.0 (Heating)	12.6 (Cooling) 14.5 (Heating)	4-Way Cassette (RAI)		●	●	●		
Total Combination	7.5 / 7.5	9.0 / 8.8	11.0 / 11.0	15.5	17.6	In-the-Ceiling (RAD)	●	●	●	●		
Capacity Max Pipe Length (m)	35	45	60	75	90							







# Floor standing split systems

## Superior technology from the ground up

Compact and extremely efficient, Hitachi's inverter floor-standing split system air conditioners are ideal if you want to position your unit at floor level – either by preference or because you wish to avoid using a wall mounted unit on an apartment common wall.

The units efficiently distribute air right across your whole room. The Power Active Module (PAM) Inverter system minimises power losses and ensures efficiency even when temperatures drop to -15 degrees. Plus, with the Twin Inverter rotary compressor, you can be assured of a smoother, quieter operation.

## Add Cooling to your Heating

Hitachi's floor standing split system is the perfect fit for your fireplace or ideal when replacing a gas heater.

It can even be semi-recessed into the wall. So you can enjoy heating and cooling from the one efficient unit.

### Key Features

- Compact indoor unit for that smaller space.
- Easy to use controls.
- Long lasting with outdoor coil anti corrosion treatment.
- Clean air from the washable antibacterial filter.

## CHECKLIST

<b>Model</b> - Indoor Unit - Outdoor Unit	RAF-50NXA1 RAC-50NXA1
<b>Capacity</b> - Cooling (kW) - Heating (kW)	5.0 (1.1 - 5.2) 6.0 (2.2 - 7.3)
<b>Energy Efficiency</b> - AEER Cooling - ACOP Heating	3.29 / ★★ 3.83 / ★★★
<b>Noise Levels</b> - Indoor Unit (dB) <i>High / Med / Low / (Sleep)</i> - Outdoor Unit (dB) <i>cooling / heating</i>	46 / 37 / 30 / (25) 52 / 52
<b>Dimensions</b> - Indoor (H x W x D mm) - Outdoor (H x W x D mm) - Weights IU / OU (kg)	600 / 760 / 235 600 / 792 / 299 14 / 40
<b>Air Flow</b> <i>(L/s) High/Med/Low/(Sleep)</i>	180 / 147 / 120 / (103)

Note: Rated capacity is measured in accordance with AS/NZ3823



Suggested room usage is indicative only. 1 unit per room.

# The perfect blend of innovation, technology & comfort for your home.

**Air conditioning for your home is all about comfort. No matter what Australia's harsh climate can dish out. From summer scorchers to winter chills, Hitachi DC Inverter Split System air conditioners offer the best possible levels of comfort.**

They're the smart and affordable way to cool and heat everything from single rooms to large spaces in today's open-planned homes. They're discretely good-looking too, with a range of innovative features that will work brilliantly in your home. Features like Hitachi's new DC Inverter Vector control mean you'll benefit from enhanced efficiency and reduced running costs.

## Helping you choose the right unit for your home

To ensure maximum performance and optimum operating economy, it is important to choose the right air conditioning system for your space.

This brochure has been designed to make that process easier, by looking at the different rooms found in every home and matching them to the units which will make them more comfortable.

## Operating range

Hitachi's split systems have a wide operating range, cooling and heating from -15° to 46°.

**That's got you covered for all seasons.**

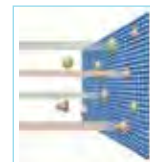
## Breathe easy with Nano-Titanium Air Purifying Filter

Hitachi's Nano-Titanium filters are designed to substantially reduce bacteria, prevent mould growth and deodorize the air distributed by your air conditioner.

With up to 99.9% of bacterial particles prevented from travelling through the filter, your family can enjoy a cleaner, healthier living environment.



Conventional anti-bacterial agents



Nano Titanium agents

Bacteria Odours

*High density Nano Titanium particles prevent microbes from getting through and eliminate them efficiently.*



Stainless Clean is standard on Hitachi 5kW to 8kW and optional on Hitachi 2.5kW and 3.5kW units.





# Hitachi ... a global leader in air conditioning solutions.



Who stands behind the air conditioning system you're about to purchase? If it's Hitachi, you can be reassured that it has been built by a world leader in air conditioning, and backed by Australia's leading air conditioning specialists.

Over the past 100 years, Hitachi's impressive growth has been powered by its commitment to developing advanced technology solutions and investing in extensive research. This ensures that every Hitachi product in every market is ahead of its competitors in ways that deliver real advantages to customers.

## A reputation for quality

Hitachi's attitude to quality is simple. The whole company's reputation rides on every product it makes.

That's why Hitachi air conditioners are built the way they're built. The process starts with extensive in-house research & development. Every air conditioning product carrying the Hitachi name is then manufactured in dedicated Hitachi air conditioning plants, each with its own specialised testing facilities. The result: a wide range of high quality, air conditioning systems that are efficient, quiet and reliable. Isn't that what you're looking for?

## Air conditioning for every home

Hitachi's Air Conditioning Range is one of the most extensive available in the market. With unit capacities ranging from 2.0kW high wall split systems to huge commercial and industrial units, Hitachi has the market covered. So whether you're looking for air conditioning for a conservatory to a multi-storey mansion, Hitachi can help.



Technology for  
all seasons



Hitachi believes the requirements for an air conditioner are not limited to its energy-saving performance. Environmentally-considerate air conditioners prevent global warming and minimize the impact on the environment ... by reducing the adverse effect of noise, improving recyclability and decreasing energy consumption during production.

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temperzone australia pty ltd

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