

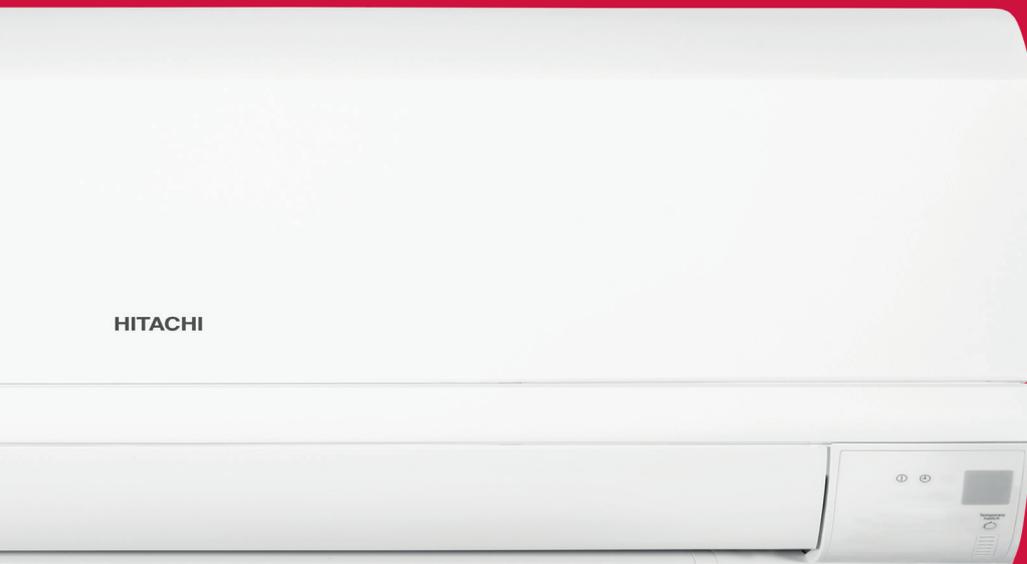
HITACHI

Warmer Kiwi Homes Heat Pumps



Cooling & Heating

www.hitachiaircon.co.nz



kiwi



6 YEAR
WARRANTY

'S' SERIES



RAS/RAC-S35YHA



With greater efficiency and advanced features, including the eco motion sensor and SPX-RCKA2 controller. The 'S' series offers a premium solution to all applications.



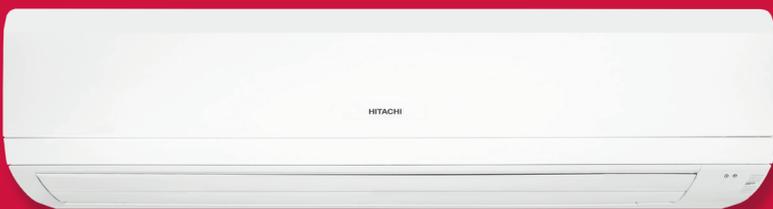
- Eco motion sensor with eco detect motion mode
- Nano Titanium Wasabi filter and Nano Titanium pre filter
- Sleep mode
- Ultra low standby power mode
- 24/7 weekly timer
- DC Inverter
- 4 Way directional auto swing airflow
- Leave home function
- Power tracking display
- Powerful mode
- Comprehensive 6 year parts and labour warranty for your home or business

R32
REFRIGERANT

6
YEARS

6 YEAR
WARRANTY

'E' SERIES



RAS/RAC-E70YHA
RAS/RAC-E80YHA



RAS/RAC-E50YHA
RAS/RAC-E60YHA



Efficient and sleek design with flexible features that provide comfort all year round. The 'E' series offers a contemporary solution for all applications.

- Wasabi Nano Titanium filter
- Sleep mode
- Ultra low standby power mode
- 12hr timer remote control
- DC Inverter
- 4 Way directional auto swing airflow
- Eco mode function
- Powerful mode
- Comprehensive 6 year parts and labour warranty for your home or business

R32
REFRIGERANT

6
YEARS

6 YEAR
WARRANTY

Key Features

EXTREME OUTDOOR TEMPERATURE OPERATION

Hitachi air conditioners can operate in outside temperatures down to as low as -15°C and as high as 46°C ensuring you stay comfortable when you need it.

DC INVERTER TECHNOLOGY

A DC compressor offers efficient performance during periods of extended operation. It also features a split rotor with displaced electrical poles, enabling the suppression of electromagnetic noise. Low-speed performance characteristics have also been improved, leading to significant reductions in annual running costs.

NANO TITANIUM WASABI AIR PURIFYING FILTER

The filter is packed with a hybrid coating of Nano Titanium and wasabi solution which provides a powerful antibacterial, anti-mould, anti-allergen and deodorising effect, reducing bacteria and allergen levels.

Incredibly small and highly dense, wasabi-modified Nano Titanium particles prevent microbes from passing through and deactivate them effectively.

See figure below

4 WAY AUTO DIRECTIONAL 3D AIR SWING

The louvres not only move up and down automatically, but also left and right. This action disperses air over a much wider range to warm or cool the room efficiently and evenly. With the push of a button louvres can be set in any airflow direction to precisely control your comfort.

WHISPER QUIET

With the newly improved seamless fan control system, Hitachi's air conditioners assure extremely quiet and smooth fan speed changes for even more comfort.

POWERFUL MODE

Powerful mode will run your system at maximum cooling or heating as well as maximum fan speed for 20-minutes projecting airflow further and faster to cool or heat a room rapidly.

ECO MODE

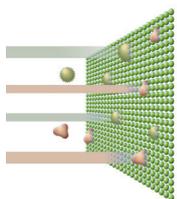
Programmed to run your system at a slightly reduced rate, Eco Mode helps keep your power consumption to a minimum enabling you to achieve significant energy savings.

See figure below

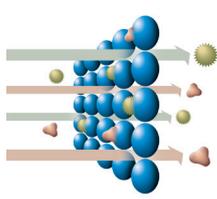
Nano Titanium Wasabi Air Purifying Filter

Anti-bacterial agents:

Nano Titanium

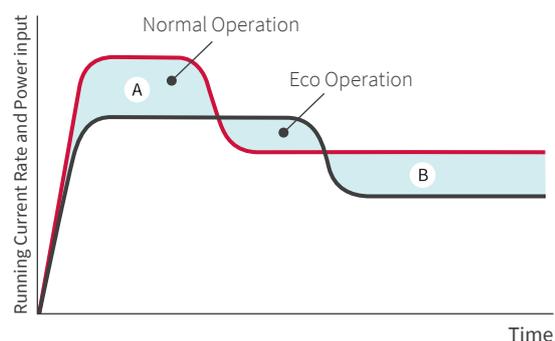


Conventional



● Bacteria ● Odours

Eco mode



Specifications



MODEL

Indoor Outdoor	RAS-S35YHA RAC-S35YHA	RAS-E50YHA RAC-E50YHA	RAS-E60YHA RAC-E60YHA	RAS-E70YHA RAC-E70YHA	RAS-E80YHA RAC-E80YHA
Capacity kW					
Nominal Cooling	3.5	5.0	6.0	7.0	8.0
Nominal Heating	3.8	6.0	7.0	8.0	9.0
Capacity (Range) kW					
Cooling	0.9 - 4.0	1.2 - 5.8	1.2 - 6.5	1.5 - 8.0	1.5 - 8.5
Heating	0.9 - 4.8	1.2 - 6.8	1.2 - 8.0	1.5 - 8.5	1.5 - 9.5
Air Flow l/sec					
High Cooling	189	242	242	283	283
High Heating	217	221	221	300	300
Energy Efficiency					
EER	4.22	3.38	3.33	3.41	3.27
COP	4.94	4.05	3.83	4.04	3.80
Star Rating Cooling	3.5	2.0	2.0	2.0	2.0
Star Rating Heating	5.0	3.5	3.0	3.5	3.0
Sound Levels (dB(A))					
Indoor Unit (Sound Pressure)					
Cooling - Hi / Med / Lo / Sleep	43 / 36 / 26 / 25	47 / 39 / 33 / 26	48 / 42 / 33 / 30	47 / 42 / 36 / 30	48 / 44 / 39 / 33
Heating - Hi / Med / Lo / Sleep	44 / 36 / 27 / 26	47 / 39 / 33 / 26	49 / 42 / 34 / 33	47 / 42 / 36 / 30	48 / 44 / 40 / 34
Outdoor Unit					
Cooling / Heating (Sound Pressure)	48 / 50	50 / 53	50 / 53	51 / 53	52 / 54
Sound Power	62	63	63	64	66
Dimensions (mm)					
Indoor (W x H x D)	780 x 280 x 230	900 x 300 x 230	900 x 300 x 230	1100 x 300 x 260	1100 x 300 x 260
Outdoor (W x H x D)	792 x 600 x 299	850 x 750 x 298	850 x 750 x 298	850 x 800 x 298	850 x 800 x 298
Weights (kg)					
Indoor / Outdoor	8.5 / 37.5	11.5 / 50	11.5 / 50	15 / 52	15 / 52
Operating Range					
Outdoor Op. Temp. (Cooling)	-10°C to 46°C	-10°C to 46°C	-10°C to 46°C	-10°C to 46°C	-10°C to 46°C
Outdoor Op. Temp. (Heating)	-20°C to 21°C	-15°C to 21°C	-15°C to 21°C	-15°C to 21°C	-15°C to 21°C
Refrigerant Type	R32				
Pipe Sizes (mm)					
Refig pre charge length (m)	20	30	30	30	30
Min / Max Pipe Lgth / Lift (m)	3 / 20 / 10	3 / 30 / 20	3 / 30 / 20	3 / 30 / 20	3 / 30 / 20
Condensate Drain (mm (OD))	16				
Power					
Power Supply	230 - 240 Volt / 50 Hz / 1 Phase				
Rated Power Input - Cooling (kW)	0.83	1.48	1.80	2.05	2.45
Power Input Range - Cooling (kW)	0.25 ~ 1.4	0.3 ~ 2.6	0.3 ~ 2.6	0.3 ~ 2.7	0.3 ~ 2.7
Rated Power Input - Heating (kW)	0.77	1.48	1.83	1.98	2.37
Power Input Range - Heating (kW)	0.25 ~ 1.6	0.3 ~ 2.65	0.3 ~ 2.65	0.5 ~ 2.8	0.5 ~ 2.8
Running current (C / H)	1.09-6.09 / 1.09-6.96	2.31-8.55 / 1.67-9.66	2.10-11.19 / 2.27-9.67	2.50-9.79 / 2.19-10.72	2.50-9.79 / 2.19-10.72
Max Current (Amps)	9.8	10.5	10.5	12	12
Power supply To	Outdoor Unit				
Interconnecting Wire	3 Core + E				

Rated capacity measured in accordance with AS/NZS 3823 conditions: Cooling: Indoor 27°C db / 19°C wb; Ambient 35°C db
Heating: Indoor 20°C db; Ambient 7°C db / 6°C db

Mains power source - AC 230V and 50Hz
Controllers and some control features differ from those featured in this brochure.
Refer to temperzone Warranty for full conditions.



6 YEAR
WARRANTY



EFFICIENT HEATING
& COOLING



DIRECTIONAL AUTO
SWING LOUVERS



AIR PURIFYING
FILTER



AUTO RESTART
AFTER POWER
FAILURE



WIDE AMBIENT
OPERATING RANGE
-15°C IN WINTER
46°C IN SUMMER

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