

Hitachi Air Conditioning

Engineered for tomorrow.



Summit Wall Mounted

Compact, stylish designs with high seasonal efficiency and low noise. Our range of Room Air Conditioning products are designed to complement the interior of any residential or commercial space. Ideal for offices, hotels and restaurants, galleries and museums, Healthcare and Domestic properties.



Features and Benefits

- ✔ Cooling capacities from 0.9kW to 8.0kW
Heating capacities from 0.9kW to 9.2kW
- ✔ Low noise levels courtesy of Super Low fan speed
- ✔ Nano Titanium Wasabi filters for high air quality
- ✔ All Hitachi's RAC units offer high seasonal efficiencies, with models in the Summit range achieving up to SEER A++ 6.8/SCOP A+ 4.4
- ✔ Wasabi air filter for high air quality
- ✔ **NEW** 24-hour, 7-day infra red remote controller with 'view energy usage' option as standard
- ✔ Connects to Hitachi's H-LINK II system via PSC-6RAD adapter providing compatibility with CS Net web
- ✔ 35vdc power supply to the indoor unit.

Indoor Unit	RAK-18PPA	RAK-25PPA	RAK-35PPA	RAK-50PPA	RAK-60PPA	RAK-70PPA
Outdoor Unit	RAC-18WPA	RAC-25WPA	RAC-35WPA	RAC-50WPA	RAC-60WPA	RAC-70WPA
Energy Label	A+	A+	A+	A++	A+	A++
Auto Restart by Previous Mode	✓	✓	✓	✓	✓	✓
Auto Changeover	✓	✓	✓	✓	✓	✓
LED Self Diagnosis	✓	✓	✓	✓	✓	✓
Nano Stainless Pre-filter (Option)	SPX-SPF2	SPX-SPF2	SPX-SPF2	SPX-SPF2	SPX-SPF3	SPX-SPF3
Air Purifying Filter Type	SPX-CFH11	SPX-CFH11	SPX-CFH11	SPX-CFH11	SPX-CFH5	SPX-CFH5
Anti-bacterial Tangential Fan	✓	✓	✓	✓	✓	✓
Remote Controller Type	Infra Red (Std) - Simple Wired or Wired inc. 7-day timer (Option)					
Remote Control Timer	24hr or 7-day option					
H-LINK Compatible	✓	✓	✓	✓	✓	✓



ErP-compliant products

The Eco-Design of Energy-related products (ErP) Directive provides consistent EU-wide rules for improving the environmental performance of energy-related products (ErP) – ensuring reduced energy consumption to benefit both businesses and consumers.

Hitachi has always engineered the most environmentally-friendly heating and cooling products from its factories, and is delighted that its new product ranges already exceed the 2014 ErP Lot 10 standards.

Remote Controllers

NEW

✔ RAR-5E2

24-hour, 7-day infra red Remote Controller



RAR-5E2

- ✔ ECO operation energy saving function
- ✔ Leave Home Function - set temperature at 10°C automatically when no one is at home for up to 99 days
- ✔ Weekly Timer – 2 patterns
- ✔ Heating/Cooling Only operation – 2 ways of setting
- ✔ Room temperature display.

✔ SPX-RCDB

Wired Remote Controller



SPX-RCDB

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RAK-18-25/35PPA



RAK-60PPA



RAK-70PPA



Room Air Conditioners



RAC-70WPA

RAC Summit – Wall mounted

Indoor Unit		RAK-18PPA	RAK-25PPA	RAK-35PPA	RAK-50PPA	RAK-60PPA	RAK-70PPA
Nominal Cooling Capacity (min - max)	kW	2.00 (0.90 - 2.50)	2.50 (0.90 - 3.10)	3.50 (0.90 - 4.00)	5.0(0.9 - 5.2)	6.10 (0.9 - 6.5)	7.00 (1.5 - 8.00)
Cooling Sensible Capacity	kW	1.9	2.1	3.2	3.5	4.4	5.4
UK Cooling Capacity (sensible)	kW	1.9 (1.7)	2.4 (2.0)	3.3 (2.5)	4.2 (3.1)	5.3 (4.0)	6.5 (4.8)
Nominal Heating Capacity (min - max)	kW	2.50 (0.90 - 3.20)	3.40 (0.90 - 4.40)	4.20 (0.90 - 5.00)	6.00 (0.9 - 8.1)	6.80 (0.9 - 8.5)	8.00 (1.5 - 9.2)
Heating capacity at -7°C ⁽¹⁾	kW	1.6	2.2	2.7	4.2	4.2	5.6
Seasonal Efficiency SEER ⁽³⁾		5.8	5.8	5.9	6.1	6.0	6.8
Energy Efficiency Class		A+	A+	A+	A++	A+	A++
Annual Energy Consumption	kWh/yr	121	151	210	290	350	360
Seasonal Efficiency SCOP ⁽³⁾ (Average Climate)		4.2	4.2	4.3	4.3	4.0	4.4
Energy Efficiency Class		A+	A+	A+	A+	A+	A+
Annual Energy Consumption	kWh/yr	609	823	1,003	1,520	1,670	2,060
Nominal Load Efficiency EER / COP ⁽⁴⁾		3.64 / 4.31	3.57 / 3.86	3.21 / 3.82	3.21 / 3.61	3.30 / 3.62	3.23 / 3.64
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A	A / A	A / A
Dimensions (H x W x D)	mm	280 x 780 x 218	280 x 780 x 218	280 x 780 x 218	300x790x230	295x1030x207	333x1150x245
Weight	Kg	7.5	7.5	7.5	10.0	12.0	15.0
Remote Control (standard)		infra red RAR-5E2	infra red RAR-5E2	infra red RAR-5E2	Infra red RAR-5E2	Infra red RAR-5E2	Infra red RAR-5E2

Outdoor Unit		RAC-18WPA	RAC-25WPA	RAC-35WPA	RAC-50WPA	RAC-60WPA	RAC-70WPA
Noise level cooling (sound pressure) (night mode)	dB(A)	46	48	49	50	50	52
Noise level heating (sound pressure) (night mode)	dB(A)	47	49	50	52	53	54
Dimensions (H x W x D)	mm	505 x 700 x 258	505 x 700 x 258	548x750x288	650x850x298	650x850x298	800x850x298
Weight	Kg	27.0	27.0	36.0	45.0	45.0	55.0
Working Range (cooling / heating)	°C	-10°C~43°C / -15°C~21°C	-10°C~43°C / -15°C~21°C	-10°C~43°C / -15°C~21°C	-10°C~43°C / -15°C~21°C	-10°C~43°C / -15°C~21°C	-10°C~43°C / -15°C~21°C
Piping diameter (Liquid / Gas)	Inch	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 / 1/2	1/4 / 1/2	1/4 / 5/8
	mm	6.35 - 9.52	6.35 - 9.52	6.35 - 9.52	6.35 - 12.70	6.35 - 12.70	6.35 - 15.88
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	16	16	16	16	16	20
Starting current	A	5.0	5.0	5.0	10.0	8.5	10.0
Running current (cooling / heating)	A	2.65 / 2.84	3.58 / 4.25	5.00 / 5.03	6.56 / 7.00	7.80 / 7.90	9.10 / 9.30
Interconnecting Cables	No.	2 + E	2 + E	2 + E	2 + E	4 + E	4 + E

⁽¹⁾ Value includes the defrost ratio.

⁽²⁾ Sound power level is the A-weighted sound power level [dB(A)] measured at standard rated conditions for the "cooling" mode operation in accordance to EN12102

⁽³⁾ Data calculated in accordance to prEN14825 and the Commission Communication 2012/C 172/01

⁽⁴⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C)

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