

Hitachi Air Conditioning

Engineered for tomorrow.



Room Air Conditioners

Summit Wall Mounted RAK-PPB/A

Compact, stylish wall units with high seasonal efficiency and low noise.

Our Summit models from the Room Air Conditioning range are designed to complement the interior of any residential or commercial space.



Features and Benefits

- ✓ Cooling capacities from 2.0kW to 7.0kW
Heating capacities from 2.5kW to 8.0kW
- ✓ 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++ 7.6/SCOP A++ 4.6
- ✓ **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.

Remote Controllers

NEW

RAK-5E1/2

24-hour, 7-day infra red Remote Controller



RAK-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



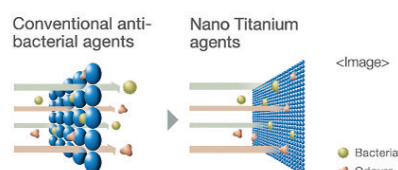
ErP-compliant products

ErP compliant, A++ to A+++ across the range



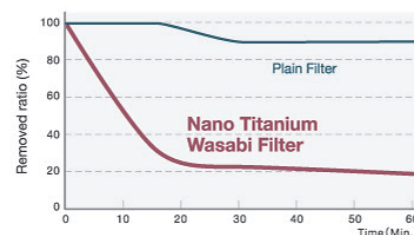
Nano Titanium Wasabi Air Purification

a cutting-edge technology that uses a wasabi-modified Nano Titanium catalyst to provide a powerful antibacterial, anti-mould, anti-allergen and deodorizing effect.



Indoor Unit	RAK-18PPB	RAK-25PPB	RAK-35PPB	RAK-50PPB	RAK-60PPA	RAK-70PPA
Outdoor Unit	RAC-18WPB	RAC-25WPB	RAC-35WPB	RAC-50WPB	RAC-60WPA	RAC-70WPA
Cooling	2.0 kW	2.5 kW	3.5 kW	5.0 kW	6.1 kW	7.0 kW
Heating	2.5 kW	3.4 kW	4.2 kW	6.0 kW	6.8 kW	8.0 kW
SEER	7.0 A++	7.6 A++	7.2 A++	7.2 A++	6.0 A+	6.8 A++
SCOP	4.3 A+	4.4 A+	4.6 A++	4.41 A+	4.0 A+	4.4 A+

Ammonia Deodorizing Effect*2



82%
Odour Removal

*2 Test material: Nano Titanium Wasabi Air Purifying Filter (30.8 x 27.6cm 5T), Reactor volume: 1m³
Analysis: Gas Detector Tube Method. Flow rate through kit: 1m³/s
Tested by the Nanopac Testing Laboratory

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Inspire the Next



RAK-18-25PPB



RAK-35-50PPB



RAK-60PPA



RAK-70PPA

Room Air
Conditioners

RAC WPB

RAC Summit – Wall mounted

PRELIMINARY DATA

Indoor Unit		RAK-18PPB	RAK-25PPB	RAK-35PPB	RAK-50PPB	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 (1.9 - 5.2)	6.10 (0.9 - 6.5)	7.00 (1.5 - 8.00)
Cooling Sensible Capacity	kW	1.9	2.2	2.7	3.8	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 (2.2 - 7.30)	6.80 (0.9 - 8.5)	8.00 (1.5 - 9.2)
Heating capacity at -7°C ⁽¹⁾	kW	1.6	2.18	2.69	3.85	4.2	5.6
Seasonal Efficiency SEER ⁽³⁾		7.0	7.6	7.2	7.2	6.0	6.8
Energy Efficiency Class		A++	A++	A++	A++	A+	A++
Annual Energy Consumption	kWh/yr	tbc	tbc	tbc	tbc	350	360
Seasonal Efficiency SCOP ⁽³⁾ (Average Climate)		4.3	4.4	4.6	4.41	4.0	4.4
Energy Efficiency Class		A+	A+	A++	A+	A+	A+
Annual Energy Consumption	kWh/yr	tbc	tbc	tbc	tbc	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	295 x 900 x 230	295 x 900 x 230	295 x 1030 x 207	333 x 1150 x 245
Weight	Kg	7.5	7.5	10.0	10.0	12.0	15.0
Remote Control (standard)		infra red	infra red	infra red	Infra red	Infra red	Infra red
		RAR-5E2	RAR-5E2	RAR-5E1	RAR-5E1	RAR-5E2	RAR-5E1

Outdoor Unit		RAC-18WPB	RAC-25WPB	RAC-35WPB	RAC-50WPB	RAC-60WPA	RAC-70WPA
Noise level cooling (sound pressure) (night mode)	dB(A)	46	48	49	51	50	52
Noise level heating (sound pressure) (night mode)	dB(A)	47	49	50	51	53	54
Dimensions (H x W x D)	mm	530 x 660 x 278	530 x 660 x 278	548 x 750 x 288	600 x 792 x 299	650 x 850 x 298	800 x 850 x 298
Weight	Kg	27.5	27.5	34.0	40.0	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	15	15	15	15	15	25
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.	3 + E	3 + E	3 + E	3 + 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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