

# Wall Mounted



**SCOP**  
**A++**

**SEER**  
**A+++**



# WALL MOUNTED

Hitachi offers a wide range of stylish and highly-efficient wall mounted systems suitable for a variety of applications.

COP  
**4.03**



## SUMMIT

RAK 18 - 50 PEB \_\_\_\_\_ pages 32 and 33

COP  
**4.31**



## PERFORMANCE

RAK 18 - 50 RPB \_\_\_\_\_ pages 34 and 35  
RAK 60 - 70 PPA \_\_\_\_\_ pages 34 and 35

COP  
**4.57**



## SHIROKUMA

RAK 25 - 50 RXB \_\_\_\_\_ pages 36 and 37

COP  
**6.13**



## S-SERIES

RAK 18 - 35 PSB \_\_\_\_\_ pages 38 and 39

COP  
**2.96**



## UTOPIA ES

RPK 3.0 FSN3M \_\_\_\_\_ pages 40 and 41

COP  
**3.15**



## UTOPIA IVX COMFORT

RPK 3.0 - 4.0 FSN3M \_\_\_\_\_ pages 42 and 43

COP  
**3.44**



## UTOPIA IVX PREMIUM

RPK 2.0 - 4.0 FSN3M \_\_\_\_\_ pages 44 and 45

# WALL MOUNTED EXCELLENT ENERGY EFFICIENCY



S-SERIES

**SCOP**  
A++ **4.72**

**SEER**  
A+++ **8.50**

-20  
+21

-10  
+43



## Functions

### ENERGY SAVING SENSOR

(SHIROKUMA and S-SERIES)

### STAINLESS CLEAN

Stainless steel components provide increased air purity (SHIROKUMA and S-SERIES)

### WASABI FILTER

Deodorising and antibacterial filter (PERFORMANCE and SHIROKUMA)

### AUTO-CLEAN

Automatic filter cleaning (S-SERIES)

### CONSTANT POWER

Maintains heated output with temperatures as low as -15°C outside (S-SERIES)

### REMOTE CONTROL

- Reading fault codes
- Reading the room temperature
- Reading energy consumption
- Functionality changes depending on model.

## Design

- Multiple finishes: matte white, glossy finish, brushed aluminium.

- Infra-red remote control.

INFRA-RED  
REMOTE CONTROL



SHIROKUMA



# WALL MOUNTED Range



## Installation

Discrete, economical and easy to install on the wall or above a door, the wall mounted unit frees up floor space.

## Wide range

Nominal cooling output (kW)		2	2.5	3.5	5	5.6	6	7	7.1	10
	<b>SUMMIT</b> <i>(pages 32 and 33)</i>	/	/	/	/					
	<b>NEW</b> <b>PERFORMANCE</b> <i>(pages 34 and 35)</i>	/	/	/	/		/	/		
	<b>NEW</b> <b>SHIROKUMA</b> <i>(pages 36 and 37)</i>		/	/	/					
	<b>S-SERIES</b> <i>(pages 38 and 39)</i>	/	/	/						
	<b>UTOPIA ES</b> <i>(pages 40 and 41)</i>								/	
	<b>UTOPIA IVX COMFORT</b> <i>(pages 42 and 43)</i>								/	/
	<b>UTOPIA IVX PREMIUM</b> <i>(pages 44 and 45)</i>				/	/			/	/

# Wall Mounted SHIROKUMA



RAK 25-50RXB

## Indoor units

- ✓ Nominal cooling capacities 2.5kW to 5.0kW
- ✓ Nominal heating capacities 3.2kW to 5.8kW
- ✓ High seasonal performance: SCOP A++ 4.7 and SEER A+++ 8.5
- ✓ Stainless clean. The components in the indoor unit (including filter) are stainless steel for greater air purity
- ✓ Energy saving sensor. The eco sensor adjusts the unit operation as room occupancy changes to achieve energy savings
- ✓ Deodorising and anti-bacterial Wasabi filter
- ✓ Volt Free control of the air conditioning system - can be used to turn the unit on/off remotely after receiving a signal such as key-card, door or window switch, specifically useful in hotel rooms to prevent unnecessary use. Accessory SPX WDC3 is required.

\* Standard  
\*\* Optional



INFRA-RED REMOTE CONTROL\*  
RAR-6N1



WIRED REMOTE CONTROL\*\*  
SPX-RCDB

## Remote controllers

- ✓ 24-hour, 7-day Infra-red remote controller
- ✓ 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 - 6 patterns
- ✓ Can be locked in heating only.



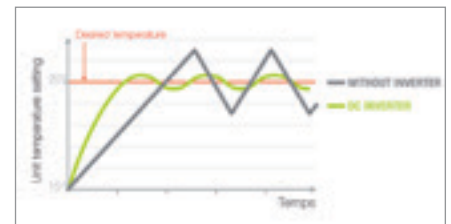
RAC 25-35WXB



RAC 50WXB

## DC Inverter Outdoor unit

- ✓ As the pioneer of DC Inverter driven room air conditioners our units boast the significant advantage of all DC Inverter driven compressors and fans allowing precise control of capacity and temperature.



RAK 25-50RXB

### INDOOR UNITS

		RAK-25RXB	RAK-35RXB	RAK-50RXB
Nominal Cooling Capacity (min - max)	kW	2.5 (0.9 - 3.1)	3.5 (0.9 - 4.0)	5.00 (1.90 - 5.20)
Cooling Sensible Capacity	kW	2.3	3.0	3.7
UK Cooling Capacity (sensible)	kW	2.2 (2.0)	2.7 (2.4)	4.3 (2.8)
Nominal Heating Capacity (min - max)	kW	3.20 (0.90 - 4.20)	4.00 (0.90 - 4.80)	5.80 (2.2 - 7.00)
Nominal Cooling Power Input (min - max)	kW	0.545 (0.25 - 1.22)	0.910 (0.25 - 1.40)	1.560 (0.50 - 2.10)
Nominal Heating Power Input (min - max)	kW	0.700(0.25 - 1.20)	0.955(0.25 - 1.60)	1.560(0.50 - 2.70)
Seasonal Efficiency SEER <sup>(4)</sup>		8.5	8.5	7.2
Energy Efficiency Class		A+++	A+++	A++
Annual Energy Consumption	kWh/yr	103	144	243
Seasonal Efficiency SCOP <sup>(4)</sup> (Average Climate)		4.7	4.7	4.5
Energy Efficiency Class		A++	A++	A+
Annual Energy Consumption	kWh/yr	691	860	1,309
Nominal Load Efficiency EER / COP <sup>(5)</sup>		4.59/4.57	3.85/4.19	3.21/3.72
Energy Class (Cool/Heat)		A / A	A / A	A / A
Noise Level Cooling (sound pressure) (SL / L / M / H) <sup>(2)</sup>	dB(A)	20/26/32/40	22/29/35/42	25/31/39/47
Noise Level Heating (sound pressure) (SL / L / M / H) <sup>(2)</sup>	dB(A)	20/27/33/40	22/30/35/42	25/31/39/48
Noise level (sound power) <sup>(1)</sup>	dB(A)	55	60	60
Air flow cooling mode (SL / L / M / H)	m <sup>3</sup> /h	300/330/510/560	320/340/430/580	350/400/580/720
Air flow heating mode (SL / L / M / H)	m <sup>3</sup> /h	290/370/560/610	310/360/480/630	350/420/620/800
Dehumidification	l/h	1.4	1.6	2.0
Dimensions (H x W x D)	mm	295 x 900 x 210	295 x 900 x 210	295 x 900 x 210
Weight	kg	11	11	11
Power Supply		230V / 1Ph / 50Hz		
Drain Diameter (ext.)		φ16mm		
Remote Control	Std	Infra-Red (RAR-6N1)	Infra-Red (RAR-6N1)	Infra-Red (RAR-6N1)
	Opt	Wired (SPX-RCDB)	Wired (SPX-RCDB)	Wired (SPX-RCDB)

### OUTDOOR UNITS

		RAC-25WXB	RAC-35WXB	RAC-50WXB
Noise level cooling (sound pressure) (night mode) <sup>(3)</sup>	dB(A)	46	47	51
Noise level heating (sound pressure) (night mode) <sup>(3)</sup>	dB(A)	47	49	51
Noise level (sound power) <sup>(1)</sup>	dB(A)	60	61	65
Air flow (Cooling / Heating)	m <sup>3</sup> /h	1860 / 1620	1920 / 1620	2160 / 2160
Dimensions (H x W x D)	mm	548x750x288	548x750x288	736x800x350
Weight	kg	34.0	34.0	49.5
Piping diameter (Liquid / Gas)	Inch mm	1/4 - 3/8 6.35 - 9.52	1/4 - 3/8 6.35 - 9.52	1/4 / 1/2 6.35 - 12.70
Minimum Piping Length	m	3.0	3.0	3.0
Maximum Piping Length / Height Difference	m	20 / 10	20 / 10	30 / 10
Current Quantity of Refrigerant	kg	1.08	1.17	1.35
Chargeless / Additional Refrigerant Charge	m / g/m	20 / -	20 / -	30 / -
Power supply		230V / 1Ph / 50Hz		
Recommended fuse size	A	16		
Starting current	A	3.68/3.85	4.72/4.93	7.12/7.45
Running current (cooling / heating)	A	1.09-5.30/1.09-5.22	1.09-6.09/1.09-6.96	2.17-9.13/2.17-11.74
Interconnecting Cables	No.	3 + E		
Working Range (cooling / heating)	°C	-10°C~43°C / -15°C~21°C		
Refrigerant / GWP		R410A / 1975		
Compressor type		Rotary		

System price includes infra-red remote controller.

(1) 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

(2) Sound pressure level is measured at 0.8 metre beneath indoor unit 1m from discharge grille in anechoic chamber.

(3) Sound pressure level is measured at 1.0m from front face of unit, 1.5m above the ground in anechoic chamber.

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

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

**!** The indoor units are now to be supplied with 220-230 V from the outside unit.

