

S-Series Wall Mounted



Features and Benefits

Hitachi has added the S-Series to their Room Air Conditioner range of products. With heating and cooling capacities from 2.5kW to 5.0kW, the S-Series incorporates all the features that are expected from Hitachi's RAC range in addition to the following benefits:

- **Market leading COP of 6.36 and EER of 6.0**
Low running costs of only £17* per year
- **Stylish design**
Sleek flat front panel with a metallic finish
- **Low Noise**
Levels as low as 20dB(A)
- **DC PAM Inverter Technology**
Hitachi pioneered 'DC' Inverter PAM driven Room Air Conditioners and use this technology to drive its compressors and fans
- **Antibacterial Stainless Clean**
Six different cleaning functions including a stainless filter to keep the inside of the unit clean
- **Ionised Mist**
Generates ionised mist from the air in the room so there is no need for a water supply. This eliminates odours and destroys 99.9% of airborne viruses and bacteria
- **Jet Blades**
Provides efficient air distribution for both cooling and heating operation
- **Real Dry Function**
Two modes are available:
 - Laundry Mode
Automatically alternates between dry and heating operation to dry clothes quickly
 - House Sitter Mode
The air conditioner controls the humidity in the room, and if it reaches 70% 'Real Dry' runs automatically



RAC-SX8



RAS-SX8



RAR-3U1

- **Standard Controller**
Infra red remote controller, with in built 24hr timer
- **Control Options**
Optional simplified or 7-day hard wired remote controller with built in 7-day timer
Compatible with H-LINK Control/Ready to Connect to PCS-6RAD Adapter

* Based upon 500 hours of 100% run time with a cost of 8 pence per kW/hr on 2.5kW unit

System Features	RAS 18SX8	RAS 25SX8	RAS 35SX8
Auto Restart by Previous Mode	✓	✓	✓
Auto Changeover	✓	✓	✓
LED Self Diagnosis	✓	✓	✓
Stainless Plasma Air Purification	✓	✓	✓
Titanium Carbon Coated Heat Exchanger	✓	✓	✓
Ionised Mist Generator	✓	✓	✓
Real Dry Function	✓	✓	✓
Self Cleaning Function	✓	✓	✓
Silver Ion Coated T-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	✓	✓	✓

Wall Mounted Indoor Units

		RAS 18SX8	RAS 25SX8	RAS 35SX8
Nominal Capacity (Min ~ Max) (kW)	Cooling	1.8 (0.5-2.4)	2.5 (0.5-3.4)	3.5 (0.5-4.1)
	Heating	2.1 (0.6-4.4)	3.2 (0.6-6.1)	4.2 (0.6-7.6)
UK Cooling Capacity (kW)	Total	1.9	2.7	4.3
	Sensible	1.7	2.4	2.8
EER/COP	Cooling	6.00	5.38	4.19
	Heating	6.36	5.47	4.80
Energy Label	Cooling	A	A	A
	Heating	A	A	A
Indoor Sound Pressure Level (Overall Scale) dB(A)	Cooling	38/32/26/20	42/34/28/20	43/34/28/20
	Heating	39/33/27/23	42/35/30/20	44/35/30/20
Indoor Fan (m³/min)	Cooling	8.0/6.2/4.5/3.5	11.5/8.3/7.2/5.2	11.9/8.8/8.1/5.2
	Heating	9.5/7.0/5.5/3.3	12.5/9.0/8.0/5.3	13.4/10.2/9.0/5.3
Dimensions (mm) & Weight (Kg)	Height	298		
	Width	793		
	Depth	233		
	Weight	11.5		

Outdoor Units

		RAC 18SX8	RAC 25SX8	RAC 35SX8
Outdoor Sound Pressure Level dB(A)	Cooling	45	45	46
	Heating	46	45	46
Dimensions (mm) & Weight (Kg)	Height	570		
	Width	750		
	Depth	288		
	Weight	36		
Operating Range (°C)	Cooling	-10 ~ +43		
	Heating	-20 ~ +21		
Refrigerant Piping (mm (in))	Liquid	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
Piping (m)	Length	20		
	Chargeless	20		
	Lift	10		
Power Supply	230V 1ph 50Hz			
Power to	Outdoor			
Interconnecting Cables	No.	3	3	3
Starting Current (A)		5.8	5.8	6.2
Total Current (230v) (A)	Cooling	2.87	2.87	4.35
	Heating	3.72	3.72	4.49
Recommended Fuse Size (A)		16	16	16