

# Inverter Wall Hung Split Systems

Simple - Flexible - Affordable

Air conditioning for single rooms or open spaces



RAS-25YHA3  
RAS-35YHA4



RAS-50YHA3  
RAS-60YHA3



RAS-70YHA3  
RAS-80YHA3

Our range of DC Inverter Wall Mounted Split System air conditioners, have been developed to provide exceptional comfort, easy operation, substantial power savings and full automatic control for homes, apartments, shops, offices and small buildings.

**In a climate as diverse as ours you need a reliable temperature control system that responds to the environment quickly and efficiently.**

The Hitachi DC Inverter Wall Mounted Split System air conditioners are designed to offer the best possible, efficient and effective comfort at the touch of a button, even under extreme outside temperatures. Selecting the most suitable system is key to maximising performance, optimising comfort, and minimising energy consumption.

The new DC Inverter vector control in all models, generates the same rate of power within the compressor with a reduced voltage supply, offering less running current therefore increasing efficiency and reducing running costs compared to previous models.

## Nano Titanium Air Purifying Filter & Stainless Pre Filter\*

Any microbes that manage to pass through the prefilter are captured by the Nano Titanium Air Purifying Filter and are effectively neutralised. Shuts out germs and bacteria.

\* Standard on RAS 50, 60, 70 & 80 Models  
\* Optional on RAS 25 & 35

Hitachi's original prefilter covers the entire air inlet to prevent dust and other particles from entering.

A nano titanium coating on the surface of the filter also captures and neutralises odours and bacteria. Even oily particles are removed with a wipe without using water for easy cleaning.



## LCD Remote System Controllers

The handy infrared remote control allows you to accurately select the desired room temperature from the comfort of your armchair. All commands are shown clearly on the liquid crystal display. A smart system of one touch buttons can create the perfect environment with ease.



# SPECIFICATIONS: INVERTER SPLIT SYSTEM REVERSE CYCLE

Model: Indoor Unit Model: Outdoor Unit	RAS-25YHA3 RAC-25YHA3	RAS-35YHA4 RAC-35YHA4	RAS-50YHA3 RAC-50YHA3	RAS-60YHA3 RAC-60YHA3	RAS-70YHA3 RAC-70YHA3	RAS-80YHA3 RAC-80YHA3
<b>Capacity</b>						
Cooling Capacity (kW)	2.5	3.5	5.0	6.0	7.0	8.0
Range ( kW )	0.9 - 3.1	1.1 - 4.2	0.9 - 5.8	0.9 - 6.8	1.5 - 8.3	1.5 - 8.5
Heating Capacity (kW)	3.4	4.5	6.1	7.0	8.3	9.0
Range (kW)	0.9 - 4.4	1.1 - 5.6	0.9 - 6.8	0.9 - 7.5	1.5 - 9.7	1.5 - 9.7
Heating Capacity H2 (kW)	3.2	4.0	5.55	6.0	6.55	7.3
Compressor Type	Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
<b>Efficiency</b>						
Input kW (Cooling)	0.67	0.94	1.48	1.8	2.05	2.45
Input kW (Heating)	0.85	1.10	1.66	1.99	2.36	2.75
Moisture Removal (L/hr)	1.4	1.6	2.8	2.8	4.8	5.2
AEER Cooling / ACOP Heating	3.74 / 3.87	3.74 / 3.85	3.31 / 3.60	3.28 / 3.46	3.36 / 3.47	3.22 / 3.23
COP H2	3.1	3.08	2.92	2.93	2.94	2.92
Star Rating Cool / Heat	★★★ / ★★★	★★★ / ★★★	★★ / ★★★	★★ / ★★★	★★ / ★★★	★★ / ★★
Running Current (AMPS)	3.73	4.82	7	8.4	9.9	11.6
<b>Airflow</b>						
Fan Speeds	4	4	4	4	4	4
Air Flow (L/s) Hi / Med / Low / ExLow (Sleep)	142 / 119 / 103 / 92	167 / 135 / 111 / 102	227 / 173 / 117 / (87)	250 / 183 / 133 / (121)	292 / 242 / 167 / (142)	350 / 242 / 225 / (200)
<b>Dimensions &amp; Weights</b>						
Dimensions IU (H x W x D mm)	280 / 780 / 220	280 / 780 / 220	295 / 1030 / 207	295 / 1030 / 207	333 / 1150 / 245	333 / 1150 / 245
Weight IU (Kg)	9.5	9.5	11.0	11.0	16.0	16.0
Dimensions OU (H x W x D mm)	548 / 750 / 288	548 / 750 / 288	650 / 850 / 298	750 / 850 / 298	800 / 850 / 298	800 / 850 / 298
Weight OU (Kg)	33.0	36.0	45.0	50.0	52.0	52.0
<b>Noise Levels</b>						
Sound Pressure Level IU dB(A) Hi / Med / Low / (Sleep)	38 / 32 / 26 / (22)	43 / 35 / 29 / (26)	47 / 39 / 28 / (24)	49 / 41 / 32 / (29)	47 / 42 / 33 / (30)	49 / 45 / 40 / (36)
Sound Pressure Level OU dB(A) C / H	46 / 49	46 / 49	50 / 52	50 / 51	51 / 53	55 / 55
<b>Installation</b>						
Refrigerant Type	R410A	R410A	R410A	R410A	R410A	R410A
Pipe Connection Sizes: Gas (mm) (in)	9.5 / (3/8)	9.5 / (3/8)	12.7 / (1/2)	12.7 / (1/2)	15.9 / (5/8)	15.9 / (5/8)
Pipe Connection Sizes: Liquid (mm) (in)	6.35 / (1/4)	6.35 / (1/4)	6.35 / (1/4)	6.35 / (1/4)	6.35 / (1/4)	6.35 / (1/4)
Refrigerant Pipe Charge Length (Mtrs)	20	20	20	20	20	20
Max Pipe Length (Mtrs)	20	20	20	30	30	30
Max Pipe Lift (Mtrs)	10	10	10	20	20	20
Pipe Connection Methods	Flare	Flare	Flare	Flare	Flare	Flare
<b>Working Range</b>						
Outdoor Operating Temp (Cooling)°C dB	-10 ~ +43	-10 ~ +43	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46
Outdoor Operating Temp (Heating) °CwB	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21
<b>Features</b>						
Air Purifying Filter	Yes	Yes	Yes	Yes	Yes	Yes
Nano Titanium Stainless Pre-Filter	-	-	Yes	Yes	Yes	Yes
Anti Corrosion Fin (O/U Coil)	Transparent	Transparent	Green	Green	Green	Green
Indoor Fan – Anti-Bacterial Coating	Yes	Yes	Yes	Yes	Yes	Yes
Multi-Directional Air Flow	-	-	-	-	Yes	Yes
All DC Inverter Control Indoor/Outdoor	Yes	Yes	Yes	Yes	Yes	Yes
Wired Remote SPX-RCK3	Optional	Optional	Optional	Optional	Optional	Optional
Optional Weekly Timer SPX-WKTI	Optional	Optional	Optional	Optional	Optional	Optional
Optional Weekly Timer Distributor SPX-DSTI	Optional	Optional	Optional	Optional	Optional	Optional



High Quality Efficient Easy to Clean Long Lasting  
**STAINLESS CLEAN**



NOTES: Cooling, Indoor: Rated at 27°C DB/19.0°C WB entering air. Ambient: Rated at 35°C DB. HEATING, Indoor: Rated at 20°C DB entering air. Ambient: Rated at 7°C DB/6°C WB. Mains power source AC240V 50Hz. Features may vary by model. Please check specifications table. Materials and specifications are subject to change without notice due to the manufacturer's ongoing research and development program. It remains the contractor's responsibility to determine that the power supply is in accordance with the above specifications and all local electrical codes and authorities.

DEALER DETAILS