

# Inverter Split Systems

Simple - Flexible - Affordable

Air conditioning for single rooms or open spaces



Wall Hung System



Floor Mount System

Our range of DC Inverter 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 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.

\* 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. An optional weekly timer is also available to setup 5 programs per day for busy lifestyle.



**HITACHI**  
Inspire the Next

**temperzone**  
QUALITY AIR CONDITIONING

# 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	RAF-50NXA1 RAC-50NXA1
<b>Capacity</b>							
Cooling Capacity (kW)	2.5	3.5	5.0	6.0	7.0	8.0	5.0
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	1.1 - 5.2
Heating Capacity (kW)	3.4	4.5	6.1	7.0	8.3	9.0	6.0
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	2.2 - 7.3
<b>Efficiency</b>							
Input kW (Cooling)	0.67	0.94	1.48	1.8	2.05	2.45	1.51
Input kW (Heating)	0.85	1.10	1.66	1.99	2.36	2.75	1.66
AEER Cooling / ACOF 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	3.29 / 3.83
Star Rating Cool / Heat	★★★★ / ★★★★★	★★★★ / ★★★★★	★★★ / ★★★★★	★★★ / ★★★★★	★★★ / ★★★★★	★★★ / ★★★★★	★★★ / ★★★★★
Running Current (AMPS) Cool / Heat	2.94 / 3.73	4.21 / 4.82	6.20 / 7.00	7.60 / 8.40	8.60 / 9.90	10.30 / 11.60	6.36 / 6.99
<b>Airflow</b>							
Fan Speeds	4	4	4	4	4	4	4
Air Flow (L/s) H / M / L / (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)	180 / 147 / 120 / 103
<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	600 / 760 / 235
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	600 / 792 / 299
Weight IU / OU (Kg)	9.5 / 33	9.5 / 36	11 / 45	11 / 50	16 / 52	16 / 52	14 / 40
<b>Noise Levels</b>							
Sound Pressure Level IU dB(A) H / M / L / (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)	46 / 37 / 30 / 25
Sound Pressure Level OU dB(A) C / H	46 / 49	46 / 49	50 / 52	50 / 51	51 / 53	55 / 55	52 / 52
<b>Installation</b>							
Pipe Connection Sizes: Gas / Liquid (mm)	9.5 / 6.35	9.5 / 6.35	12.7 / 6.35	12.7 / 6.35	15.9 / 6.35	15.9 / 6.35	12.7 / 6.35
Refrigerant Pipe Charge Length (Mtrs)	20	20	20	20	20	20	20
Max Pipe Length / Lift (Mtrs)	20 / 10	20 / 10	20 / 10	30 / 20	30 / 20	30 / 20	20 / 10
<b>Working Range</b>							
Outdoor Operating Temp (Cooling) °CdB	-10 ~ +43	-10 ~ +43	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +43
Outdoor Operating Temp (Heating) °CwB	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21	-15 ~ +21
<b>Features</b>							
Air Purifying Filter	Yes						
Nano Titanium Stainless Pre-Filter	Optional	Optional	Yes	Yes	Yes	Yes	Yes
Anti Corrosion Fin (O/U Coil)	Transparent	Transparent	Green	Green	Green	Green	Transparent
Indoor Fan – Anti-Bacterial Coating	Yes	Yes	Yes	Yes	Yes	Yes	No
Multi-Directional Air Flow	–	–	–	–	Yes	Yes	–
All DC Inverter Control Indoor/Outdoor	Yes						
Wired Remote SPX-RCK3	Optional						
Optional Weekly Timer SPX-WKTI	Optional						
Optional Weekly Timer Distributor SPX-DSTI	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