

Take a deep breath and relax:
Hitachi's DC PAM Inverter Air Conditioner keeps you feeling fresh and comfortable.



More powerful and more energy efficient, Hitachi's new Inverter room air conditioners dramatically cut electricity consumption. As well as being economical, they are powerful and environment-friendly. Offering a host of benefits, they promise the ultimate in comfort.



SPECIFICATIONS Split Type

Model	Indoor	RAS-X10CZ	RAS-X13CY	RAS-X18CX	RAS-S10CZ	RAS-S13CY	RAS-E10CZ	
	Outdoor	RAC-X10CZ	RAC-X13CY	RAC-X18CX	RAC-S10CZ	RAC-S13CY	RAC-E10CZ	
Phase,Voltage,Frequency	φ,V,Hz	1φ 220-230V/50Hz	1φ 220-240V/50Hz	1φ 220-240V/50Hz	1φ 220-230V/50Hz	1φ 220-240V/50Hz	1φ 220-230V/50Hz	
Cooling Capacity	kW	2.85(0.9-3.1)	3.70(0.9-4.2)	5.20(0.9-5.4)	2.96-2.96	3.52-3.54	2.70-2.70	
	BTU/h	9,730 (3,070-10,080)	12,630 (3,070-14,340)	17,740 (3,070-18,530)	10,110-10,110	12,020-12,090	9,210-9,210	
Total Input	W	725(155-1,050)	951(155-1,280)	1,580(155-2,200)	880-915	1,050-1,070	880-915	
Total Amperes	A	4.11-3.95	5.65-5.20	7.25-6.65	4.10-4.05	4.85-4.55	4.10-4.05	
EER	BTU/h·W	13.4	12.7	11.2	11.48-11.04	11.45-11.30	10.47-10.05	
COP		3.93	3.72	3.29	3.36-3.23	3.35-3.31	3.07-2.95	
Air Flow (HH/H/M/L/Silent)	m ³ /min	-9.9/7.8/5.7/-	-12.2/8.6/6.7/-	-14.0/10.5/7.0/-	10.8/8.5/7.6/6.3/4.6	11.9/11.0/8.6/6.4	8.0/6.4/5.3	
Dehumidifying Capacity	L/h	1.4	1.6	2.8	1.4	1.8	1.4	
Net Dimensions	Indoor (W/H/D)	mm	780/280/220	780/280/220	1,030/295/207	780/280/220	785/248/200	
	Outdoor (W/H/D)	mm	700/468/258	750/570/280	750/570/280	700/570/210	700/570/210	700/468/258
Net Weight	Indoor / Outdoor	kg	9/22	9/29	10/38	9.5/26	10/27	7.5/23.5
Features								
Handy Remote Control								
Automatic Control System	Auto Swing	Up/Down	Up/Down	Up/Down	Up/Down	Up/Down	Up/Down	
	Fuzzy Logic Control	●	●	●	●	●	●	
	Flap Control	●	●	●	●	●	●	
	Fan Speed Control	4Grades	4Grades	3Grades	3Grades	3Grades	3Grades	
	Sleep Mode Control	●	●	●	●	●	●	
	Sensor Dry Operation	●	●	●	●	●	●	
	3-Minutes Delay Circuit	●	●	●	●	●	●	
	Timer	12hours	12hours	12hours	12hours	12hours	12hours	
Washable Front Panel								
Changeable Drain Hose								
Pre Filter		Nano Titanium Pre-Filter	Nano Titanium Pre-Filter	Nano Titanium + Silver Ions	Nano Titanium Pre-Filter	Nano Titanium Pre-Filter	Anti-mold	
Air Purifying Filter		Nano Titanium	Nano Titanium	Nano Titanium	Nano Titanium	Nano Titanium	-	
UV Air Cleaner		-	-	-	-	-	-	
Anti Corrosion Coating on Outdoor Condenser		Green Fin	Green Fin	Green Fin	Green Fin	Green Fin	Green Fin	
Maximum Length of Piping (Length/Height)	m	20/10	20/10	20/10	15/10	15/10	15/10	
Diameter for Pipe Gas / Liquid	mm	9.52/6.35	9.52/6.35	12.7/6.35	9.52/6.35	12.7/6.35	9.52/6.35	

Split Type

Model	Indoor	RAS-E13CY	RAS-E18CY	RAS-E24CY	RAS-24CE9G	RAS-30CE9G	RAI-18C	
	Outdoor	RAC-E13CY	RAC-18C9	RAC-24C9	RAC-24CX9	RAC-30CE9G	RAC-18C	
Phase,Voltage,Frequency	φ,V,Hz	1φ 220-240V/50Hz						
Cooling Capacity	kW	3.50-3.52	5.10-5.20	6.50-6.50	7.05-7.05	8.55-8.65	5.00-5.00	
	BTU/h	11,950-12,020	17,410-17,750	22,190-22,190	24,060-24,060	29,190-29,520	17,070-17,070	
Total Input	W	1,100-1,120	1,790-1,950	2,270-2,400	2,175-2,250	3,000-3,130	1,810-1,900	
Total Amperes	A	5.10-4.75	8.30-8.50	10.90-10.50	10.30-9.90	13.90-14.00	8.30-8.20	
EER	BTU/h·W	10.86-10.73	9.73-9.10	9.78-9.25	11.06-10.69	9.73-9.43	9.43-8.98	
COP		3.18-3.14	2.85-2.67	2.86-2.71	3.24-3.13	2.85-2.76	2.76-2.63	
Air Flow (HH/H/M/L/Silent)	m ³ /min	-11.4/8.5/7.2/-	-13.5/12.0/10.9/-	-13.5/12.5/11.3/-	13.7/8.0/5.9/2.0/1.1	20.0/13.0/10.0/4.0/2.1	12.0/8.0/5.8	
Dehumidifying Capacity	L/h	1.8	2.8	4.5	4.5	5.2	2.8	
Net Dimensions	Indoor (W/H/D)	mm	780/280/210	1,030/295/207	1,030/295/207	1,150/333/245	580/285/580	
	Outdoor (W/H/D)	mm	700/570/210	750/570/280	850/650/298	850/650/298	850/800/298	750/570/280
Net Weight	Indoor / Outdoor	kg	10/27	12/41	12/54	15/55	18/70	20/38
Features								
Handy Remote Control								
Automatic Control System	Auto Swing	Up/Down	Up/Down	Up/Down	Multi Directional	Multi Directional	Up/Down	
	Fuzzy Logic Control	●	●	●	●	●	-	
	Flap Control	●	●	●	●	●	-	
	Fan Speed Control	3Grades	3Grades	3Grades	3Grades	3Grades	3Grades	
	Sleep Mode Control	●	●	●	●	●	●	
	Sensor Dry Operation	●	●	●	●	●	●	
	3-Minutes Delay Circuit	●	●	●	●	●	●	
	Timer	12hours	12hours	12hours	24hours	24hours	24hours	
Washable Front Panel								
Changeable Drain Hose								
Pre Filter		Anti-mold	Anti-mold Washable Anti-static	Anti-mold Washable Anti-static	Nano Titanium + Silver Ions	Nano Titanium + Silver Ions	Anti-mold	
Air Purifying Filter		-	-	-	Nano Titanium	Nano Titanium	Anti-mold	
UV Air Cleaner		-	-	-	-	-	-	
Anti Corrosion Coating on Outdoor Condenser		Green Fin	Green Fin	Green Fin	Green Fin	Green Fin	Green Fin	
Maximum Length of Piping (Length/Height)	m	15/10	15/10	15/10	20/10	30/10	20/10	
Diameter for Pipe Gas / Liquid	mm	12.7/6.35	12.7/6.35	15.88/6.35	15.88/6.35	15.88/6.35	12.7/6.35	

*Specifications and designs are subject to change without notice.
*Colour tone of actual products may differ from those shown in this catalogue.



Authorised Dealer:

Air Conditioner

HITACHI
Inspire the Next



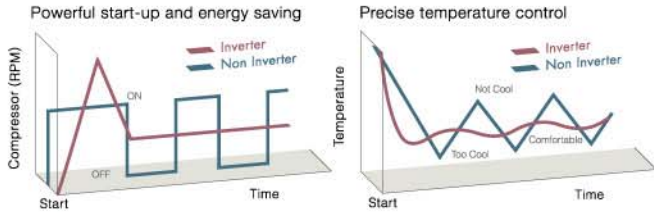
Hello, Tomorrow!



All DC PAM Inverter System



With Hitachi's DC Inverter System, the compressor motor rotation speed is variable, reducing energy consumption, improving performance and reducing noise. Coupled with the Power Active Module (PAM) for greater power efficiency and a more efficient DC 2-Cylinder Rotary compressor, Hitachi air conditioners deliver cool, silent performance and energy savings.

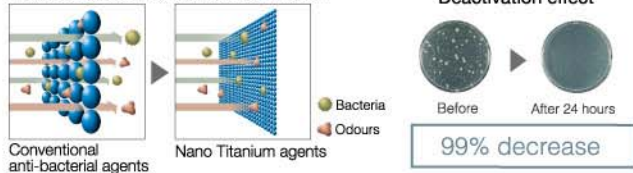


Nano Titanium Super Air Purification

Nano Titanium is a cutting edge technology that uses a TiO₂ catalyst to create a powerful anti-bacterial and deodorizing effect. Hitachi uses a dual Nano Titanium Filter system to ensure a cleaner living environment. An easy cleaning Nano Titanium Stainless Pre Filter catches large particles, followed by a Nano Titanium Air Purifying Filter that traps and neutralizes remaining airborne contaminants.

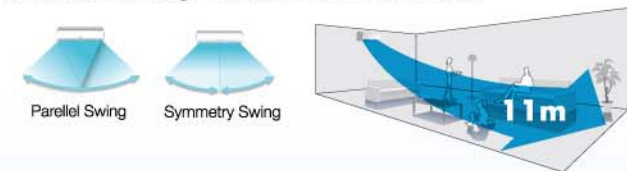
Nano Titanium Stainless Pre-Filter is applicable to RAS-X18CX, 24CE9G and 30CE9G.
Nano Titanium Pre-Filter is applicable to RAS-X10CZ, X13CY, S10CZ and S13CY.

The high density of Nano Titanium particles prevents microbes from getting through to efficiently eliminate them.



High Cooling Capacity

Hitachi air conditioners have the highest cooling capacity in their class, delivering the maximum cooling capacity in the shortest time. With the addition of Twin Parallel and Symmetry swing* features, cool air can reach up to 11m across the room for faster, more comfortable cooling. *Applicable to RAS-24CE9G, RAS-30CE9G



All DC PAM Inverter



***1 54% Energy Saving**
RAS-X10CZ Cooling capacity: 9,730 (3,070-10,585) BTU/h
RAS-X13CY Cooling capacity: 12,630 (3,070-14,330) BTU/h



*1 RAS-X13CY compared with Hitachi 1.5HP constant speed model
*2 DC 2-Cylinder Rotary Compressor: Applicable to RAC-X13CY and RAS-X18CX only
PAM Control: Applicable to RAS-X13CY and RAS-X18CX only



***26% Faster Cooling**
RAS-X18CX Cooling capacity: 17,740 (3,070-18,430) BTU/h



* Comparison of the time taken for Hitachi 2.0HP models to reach 25°C from 34°C.

Wide Flow



***5 Star Energy Rating**
RAS-S10CZ Cooling capacity: 10,110 BTU/h
RAS-S13CY Cooling capacity: 12,020-12,090 BTU/h



* 5 Star Energy Rating: Applicable to RAS-S13CY only



RAS-E13CY Cooling capacity: 11,950-12,020 BTU/h



RAS-E10CZ Cooling capacity: 9,210 BTU/h



RAS-E18CY Cooling capacity: 17,410-17,750 BTU/h
RAS-E24CY Cooling capacity: 22,190 BTU/h



Ceiling Mounted Cassette Type



RAS-24CE9G Cooling capacity: 24,060 BTU/h
RAS-30CE9G Cooling capacity: 29,180-29,520 BTU/h



RAI-18C

