

HITACHI
Inspire the Next



DC inverter UTOPIA

Packaged Air Conditioning Systems



POWER ACTIVE MODULE



The DC Inverter UTOPIA HVRN Series air conditioners, has been developed to provide exceptional comfort, easy operation, substantial power savings and full automatic control for homes, apartments, shops, offices and small buildings.

The latest range of DC Inverter driven reverse cycle air conditioners exemplify Hitachi's technological leadership, with low noise, high efficiency, simple self-diagnostic controls and all wrapped up in smart, compact units.



Hitachi's 'triple change' advantage. This means your air conditioner has met the exacting requirements of cleanliness and comfort as supported by Hitachi's own core technologies.

It's this advanced technology, that sets Hitachi apart as a cutting edge brand, that leads future development and is a global brand of choice.



Technology. With over 5% of revenue invested in research and development programs, Hitachi has developed world-leading technologies including some of the most advanced air conditioning systems currently available.

Reliability. For 25 years Hitachi has been providing Australians with reliable, efficient air conditioning products for both residential and commercial applications.

Easy Installation. Compact, lightweight and with flexible piping and wiring, Hitachi's DC Inverter units allow easy installation in any environment.

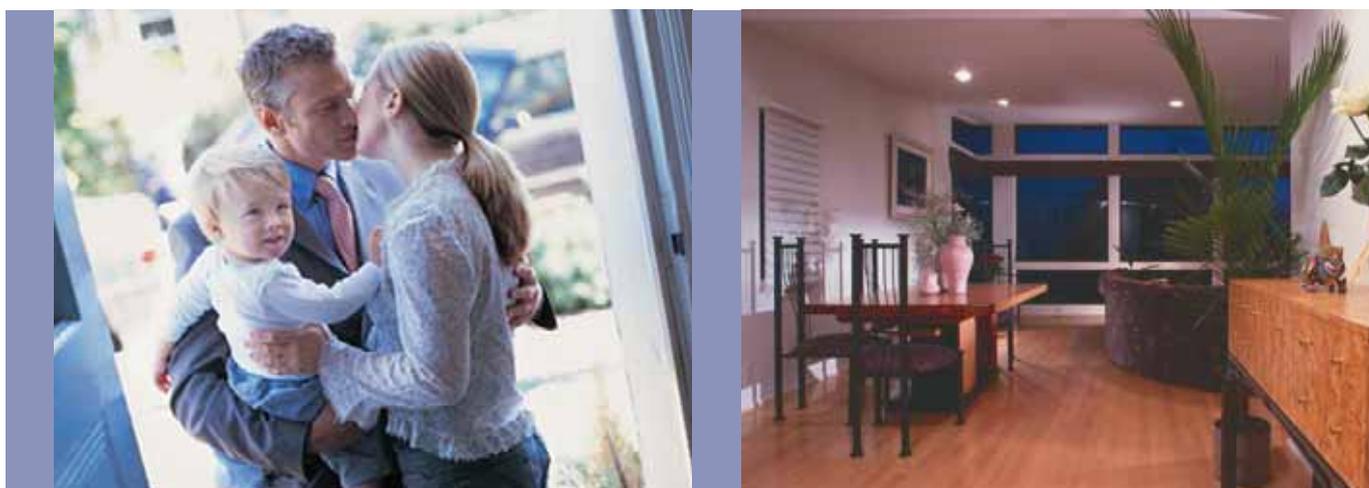


R410A. Be confident in knowing that your Hitachi Ducted DC Inverter system uses a refrigerant that is non-toxic, non-flammable with zero ozone depletion.

Create your own Utopia.

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

The Hitachi Utopia DC Inverter range of air conditioners have been designed to offer the best possible efficient and effective comfort at the touch of a button. Selecting the most suitable system is key to maximising performance and optimising comfort. Even when temperatures are extreme outside, our range of air conditioners offer superior filtration and distributes clean air more effectively – quietly delivering extra airflow and greater capacity to ensure even the largest room is catered for.



There's a model to suit your needs.

The DC inverter and DC fan motor deliver the highest efficiency and lowest noise in this class.

Outdoor Units - NEW MODELS



RAS-3HVRNS



RAS-4HVRNS
RAS-5HVRNS



RAS-6HVRN



RAS-7HVRN

Indoor Units

4-way Cassette Type

- 3.0HP RCI-3FSN2 - 7.1kW
- 4.0HP RCI-4FSN2 - 10.0kW
- 5.0HP RCI-5FSN2 - 12.5kW
- 2.5HP RCI-2.5FSN2 - 12.5kW



In-the-ceiling Type

- 3.0HP RPI-3FSN1SQ - 7.1kW
- 4.0HP RPI-4FSN1SQ - 10.0kW
- 5.0HP RPI-5FSN1SQ - 12.5kW
- 6.0HP RPI-6FSN1SQ - 14.7kW
- 7.0HP RPI-7FSN1SQ - 18.3kW



For complete details please refer to technical specifications on Pages 9 and 10.



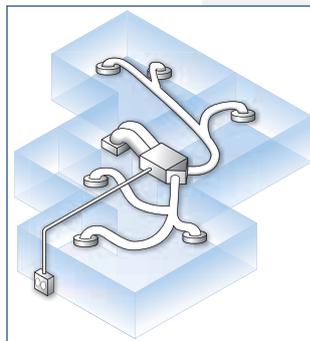
Comfort

DUCTED UNITS

Hitachi ducted systems offer superior filtration and distribute clean air more effectively. Quietly delivering extra airflow and greater capacity to ensure even the largest room is catered for.



The subtle vents, located throughout your home, quietly and efficiently deliver cool or warm ducted air throughout the building to maintain a constant temperature, while the indoor unit can be easily installed out of sight, in the ceiling or under the floor.



4

ZONING

Using external controls, ducted systems can be programmed into different zone areas. You can choose to air condition only the zones you select.

Cassette Units - *Effective four-way air flow.*

Air is delivered quietly and efficiently in all four directions with an optional automatic swing louvré and specially designed super-high-stream turbo fan. The wide louvré prevents smudging and stains on the ceiling and is also stain resistant so dirt and dust can be easily wiped off. Panel options available.



EFFECTIVE CONDENSATION REMOVAL

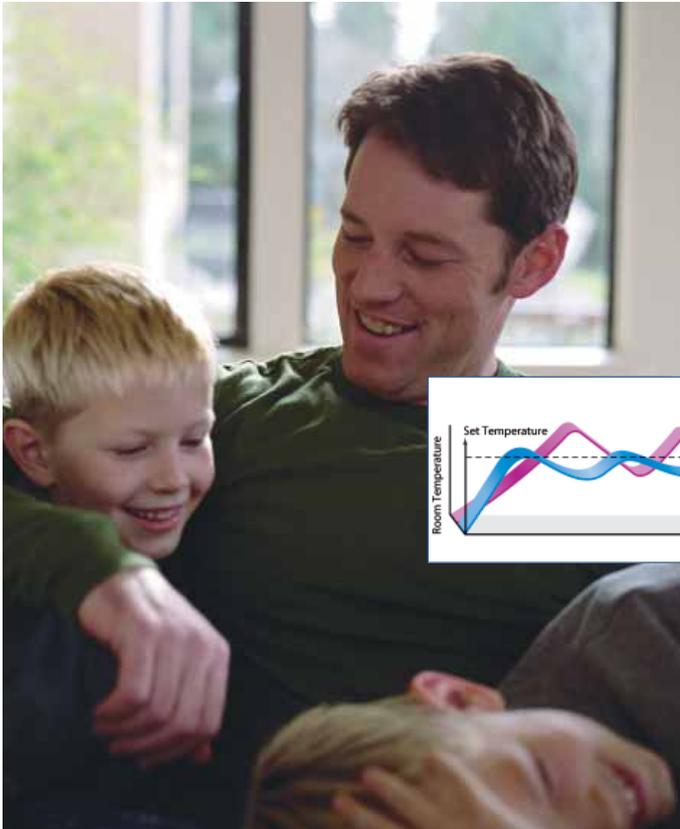
An electronic sensor constantly monitors the water level in the cassette unit, then activates an in-built pump to reliably and safely remove the water generated from condensation build up.

VERSATILE ADJUSTABLE DESIGN

This discreet unit is designed with flexibility in mind, featuring compact dimensions that require a smaller ceiling cut than conventional models and allow it to be installed in small spaces inside false ceilings. It is also great for high ceilings up to 4.2m and makes height and body direction adjustments a breeze.



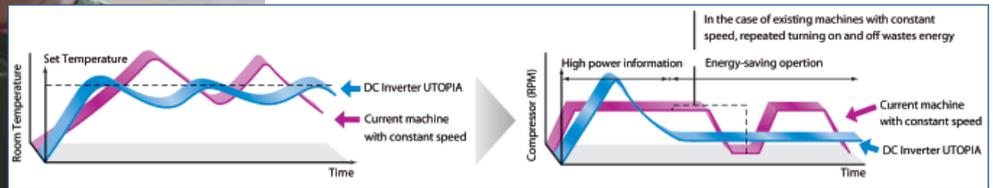
Technology



POWER SAVING DC INVERTER



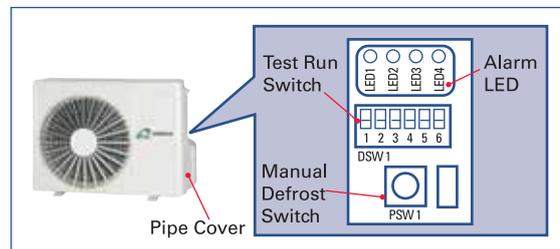
Inverter technology allows a room to reach the required temperature more rapidly and up to 30% more efficiently than Constant Speed Systems. Inverter technology also eliminates the frequent stopping and starting often required by standard systems in order to maintain consistent temperature conditions.



Hitachi Inverters adjust (increase/decrease) the speed of the compressor in order to maintain the exact desired temperature in the most efficient manner.

EASY MAINTENANCE (3HP)

Forced manual defrost and test run switches are located under the pipe cover, allowing easy control over these functions without opening main unit upper cover.

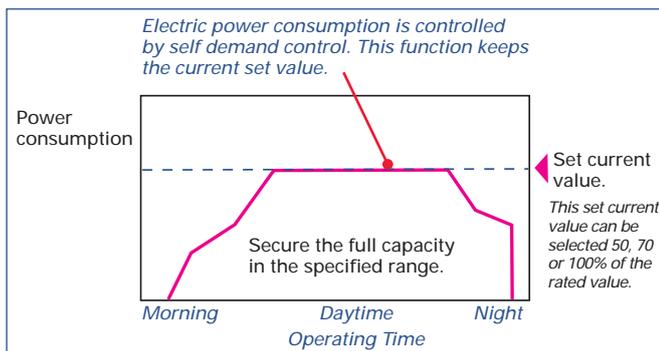


COMPACT LIGHTWEIGHT DESIGN

Through Hitachi's extensive research and development, there are new outdoor unit models available offering lightweight and compact design, compared to the previous series, which allows greater flexibility of installation.

SELF DEMAND CONTROL

Electrical power consumption is controlled by self demand control.



PAM SYSTEM



POWER ACTIVE MODULE

The Hitachi Power Active Model (PAM) Inverter System suppresses electrical distortion to minimise power losses to less than 1%, thereby maximising system efficiency. Heating operation is particularly improved, to ensure efficient performance even when the ambient temperature is -10°C.



Clean

DC INVERTER COMPRESSOR AND FAN MOTOR

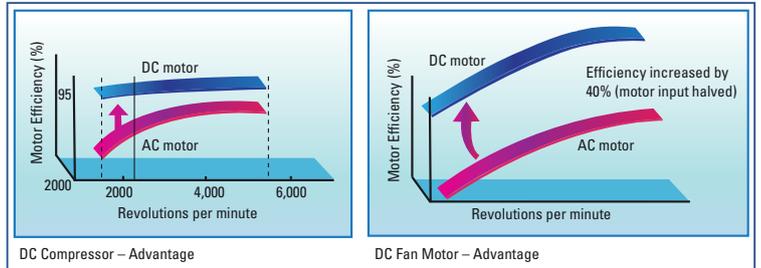
The “permanent magnet” motor featured in the DC Inverter compressor, reduces the electrical voltage required to run the motor. This ensures the motor suffers less energy loss, delivering 10% greater efficiency than equivalent AC inverters.

The outdoor fan motor also utilises a DC Inverter motor to further improve system efficiency.

PEACE AND QUIET

The beauty of Hitachi’s DC Inverter systems is the quiet operation that can be attributed to innovative noise reduction technology. The result is a hard-working, efficient system that is amongst the quietest on the market.

The newly designed fin and bell mouth combine to minimise resistance for a smoother airflow through the unit. The Delta-shaped edges on the fan deliver more efficient air movement allowing for a smaller fan and minimised noise levels.



Through advanced design developments, both in the fan motor and the compressor rotor, electromagnetic noise common in other inverter systems is significantly reduced.

SLEEK, SPACE-SAVING DESIGN

The compact, lightweight design of Hitachi’s DC Inverter ducted or cassette systems provide increased flexibility when it comes to positioning the outdoor unit.

The adopted technologies in Hitachi’s DC Inverter HVRN Series results in gaining higher efficiencies, thereby lowering energy costs which attributes to lower carbon emissions.

New fin with less pressure loss.
Airflow resistance decreased by 20%.
The optimised slit shape minimises noise by reducing air intake resistance.

Flat noise.
DC fan motor control reduce irritating electromagnetic noise.

Reduced electromagnetic noise of compressor.
Rotor shaped optimised
↓
Electromagnetic noise reduced.

Compressor Rotor
Neodymium magnet adopted
Higher efficiency in all areas using rpm control
Rotor shape optimized
Peculiar electromagnetic noise to DC compressor cut

Adoption of new bell-mouth
The new bell-mouth (resin mold) minimises flow friction, resulting in smooth flow and low sound.

Super high-stream fan.
Delta-shaped edges reduce fan size and noise

Electromagnetic noise reduced
For compressor motor, before changing the rotor
For compressor motor, after changing the rotor

Remote controls, CS-Net, H-Link

INTELLIGENT CONTROLS

Hitachi style flows through to the sleek, LCD wall-mounted controls which reflect the sophistication of the DC Inverter systems. The intelligent Check Mode analyses the system's diagnostic functions for quick, efficient servicing. Highly functional, optional controllers include: a wireless remote, available for those who want the ultimate in convenience, a fully programmable 7 day timer and a Central Station capable of controlling 16 indoor units as one group.

Easy to operate LCD remote system controllers give you remote control over a range of functions including fan speed, temperature, timer and automatic mode.



PC-AR Remote System Controller

- Large LCD display.
- All the functions of the indoor unit can be selected by remote control switches.
- If a problem occurs, an alarm code immediately shows the details of the trouble. A self-diagnosis function is incorporated.



PC-ART Remote System Controller with integral 7 Day Timer

- This has all the features of the PC-AR and the PC-A1T in one decorative slimline enclosure.



PC-LH3A Wireless Remote System Controller

- No wiring work is required.
- Two or more units can be operated simultaneously by remote control. (Receiver kit required).



PC-ARH Half-size Remote System Controller

- Suitable for facilities such as hotels.
- '2 remote controls' or 'group control - 16 controls max' - can be used similarly to the standard remote control.
- Use the handy remote control together with CS-Net.



PSC-A1T 7 Day Timer

- Timer can be set at 7-day intervals, and operation/stop can be set 3 times daily.
- Two types of weekly schedules (A/B) can be set and easily changed for summer and winter.
- The power failure backup function prevents the timer from being stopped by a power failure lasting up to 2 weeks.



PSC-5S, PSC-A64S Central Station

- By connecting to H-Link, a group of up to 16 (PSC-5S) and 64 (PSC-A64S) remote controls can be used and up to 128 indoor units can be controlled.
- Up to 8 units can be connected to H-Link.
- An external input terminal is provided as standard. External signals enable the following functions: central operation/stop, demand control emergency stop, central operation output and central alarm output.

CS-Net - Computer Controlled Network System



CS-Net is Hitachi's computer control network system for the DC Inverter Utopia, Set-Free VRF and Set-Free Mini ranges. The system is designed to run on Microsoft Windows® 2000 and has

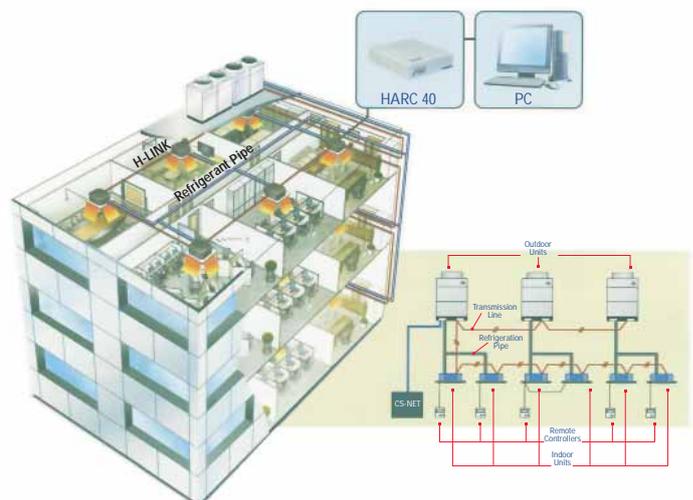
the ability to control up to 16 outdoor units and 128 indoor units per interface. The flexibility of the CS-Net system allows internal data to be easily monitored and controlled by the user, with features including system parameter adjustments, multiple timer management, temperature, mode and fan speed.

FEATURES AND FUNCTIONS

Control: On/off control, operation mode setting, air direction setting, temperature setting, fan speed setting, filter sign resetting and remote control full and partial allowed/prohibited. **Monitoring:** On/off control, operation mode, set fan speed, set temperature, set air direction, filter sign, alarm, remote control prohibition setting, alarm code and air inlet temperature.

H-Link

H-Link is the communication system to control outdoor and indoor units across two or more refrigerant cycles. Multiple units can be controlled from one control point.



Benefits in brief: RPI-FSN1S In-The-Ceiling Ducted and RCI-FSN 4-Way Cassette Types



EFFICIENT AND SILENT OPERATION. DESIGNED FOR INSTALLATION FLEXIBILITY.

The Hitachi DC Inverter Utopia range of air conditioners offer superior filtration, distributing clean air more effectively and quietly, maximising extra airflow and greater capacity to ensure even the largest room is catered for. Our components are stringently tested to match Hitachi's quality policy, ensuring flawless operation year after year.

RELIABLE AND BUILT TO LAST.

All models feature: strong, durable, ruggedly built casings, heavy-gauge, aluminium heat exchanger coils, copper tubing and brass fittings. All models utilise direct drive fan assemblies with lubricated bearings for extended motor life.



VERSATILE ADJUSTABLE DESIGN

This discreet unit is designed with flexibility in mind, featuring compact dimensions that require a smaller ceiling cut than conventional models and allow it to be installed in small spaces inside false ceilings. It is also great for high ceilings up to 4.2m and makes height and body direction adjustments simplicity itself.

PEACE AND QUIET

The beauty of Hitachi's DC Inverter systems is the quiet operation that can be attributed to innovative noise reduction technology.

Ducted: Subtle outlet vents deliver cool or warm air, ducted throughout your home to maintain a constant temperature. The indoor unit can be easily installed out of sight, in the ceiling or under the floor. Both air conditioner types result in hard-working, efficient systems that are amongst the quietest on the market.



4-Way Cassette: The 4-way vents deliver cool or warm air to maintain a constant temperature.



The wide, stain-resistant louvre prevents smudging and stains on the ceiling – dirt and dust can be easily wiped off.



SPECIFICATIONS UTOPIA - DC INVERTER UNITS. HVRN SERIES DUCTED UNITS

Note: Features and technical specifications indicative only

Model: Indoor Unit Model: Outdoor Unit	RPI-3.0FSN1SQ RAS-3HRVNS	RPI-4.0FSN1SQ RAS-4HRVNS	RPI-5.0FSN1SQ RAS-5HRVNS	RPI-6.0FSN1SQ RAS-6HRVNS	RPI-7.0FSN1SQ RAS-7HRVNS
CAPACITY					
Cooling Capacity (kW)	7.1	10.0	12.5	14.7	18.3
Range (kW)A	3.9 - 8.0	4.9 - 11.2	5.7 - 14.0	6.7 - 16.0	8.1 - 20.0
Heating Capacity (kW)	8.0	11.2	14.0	16.0	19.6
Range (kW)	4.0 - 9.0	5.0 - 12.5	6.0 - 16.0	6.7 - 16.0	8.1 - 20.0
ELECTRICAL					
Power Supply	240 / 1	240 / 1	240 / 1	240 / 1	240 / 1
Phase / Hz	50	50	50	50	50
Power Attachment	OU / IU	OU / IU	OU / IU	OU / IU	OU / IU
Interconnecting Wires	.75m2 x 2 Shielded twisted pair				
Running Current (Cooling) RNC / MAX	11.0 / 18	15.1 / 22	20.1 / 31	26.2 / 29	26.0 / 31
Running Current (Heating) RNC / MAX	10.6 / 18	13.9 / 22	18.2 / 31	20.3 / 29	25.7 / 31
Recommended ELB Size	25	32	40	31	40
EFFICIENCY					
Input kW (Cooling)	2.58	3.56	4.73	5.64	5.95
Input kW (Heating)	2.49	3.28	4.28	4.18	5.45
EER Cooling / COP Heating	2.94 / 3.21	2.79 / 3.47	2.9 / 3.55	2.52 / 3.52	2.93 / 3.40
Star Rating Cool / Heat	4.0 / 4.0	3.5 / 4.5	4.0 / 5.0	2.5 / 5.0	4.0 / 4.5
AIRFLOW					
Fan Speeds	3	3	3	3	3
Ex Static Range (pa)	70 - 120	70 - 120	70 - 120	70 - 120	140
Air Flow (L/s) Hi / Med / Low	517 / 450 / 333	617 / 550 / 417	800 / 717 / 567	933 / 833 / 667	1083 / 933 / 766
Compressor Type	Scroll	Scroll	Scroll	Scroll	Scroll
DIMENSIONS & WEIGHTS					
Dimensions IU (H x W x D mm)	350 / 1076 / 800	350 / 1076 / 800	350 / 1300 / 800	350 / 1300 / 800	440 / 1430 / 550
Weight IU (Kg)	52	57	61	63	75
Dimensions OU (H x W x D mm)	600 x 792 (+95) x 300	800 x 950 x 370	800 x 950 x 370	1240 x 950 x 315	1650 x 1100 x 390
Weight OU (Kg)	44	85	89	97	167
DUCT CONNECTIONS					
Supply Air Connection (mm)	980 x 220	980 x 220	1205 x 220	1205 x 220	830 x 300
Return Air Connection (mm)	813 x 306	813 x 306	813 x 306	935 x 306	1288 x 402
NOISE LEVELS					
Sound Pressure Level IU (dB)a Hi / Med / Low	45 / 43 / 39	47 / 44 / 40	48 / 45 / 42	52 / 48 / 44	51 / 47 / 42
Sound Pressure Level OU (dB) Cool (Night) Heat	48 (46) 50	50 (48) 52	52 (50) 54	48 (44) 50	53 (50) 54
INSTALLATION					
Refrigerant Type	R410A	R410A	R410A	R410A	R410A
Pipe Connection Sizes: Gas (mm) (in)	15.88 / 5/8	15.8 / 5/8	15.8 / 5/8	15.8 / 5/8	19.05 / 3/4
Pipe Connection Sizes: Liquid (mm) (in)	9.53 / 3/8	9.53 / 3/8	9.53 / 3/8	9.53 / 3/8	9.53 / 3/8
Refrigerant Pipe Charge Length (Mtrs)	20	20	30	30	20
Max Pipe Length (Mtrs)	30	50	50	77	50
Max Pipe Lift (Mtrs) OU Higher / OU Lower	30 / 20	30 / 20	30 / 20	30 / 20	30 / 20
Pipe Connection Method OU Higher / OU Lower	Flare	Flare	Flare	Flare	Flare
WORKING RANGE					
Outdoor Operating Temp (Cooling) OC dB	-5 +46	-5 +46	-5 +46	-5 +43	0 +46
Outdoor Operating Temp (Heating) OC wB	-10 +15	-10 +15	-10 +15	-15 +15	-8 +15

NOTES: 1. The nominal cooling capacity is the combined capacity of the HITACHI standard split system, and is based on the JIS standard B8616.

Cooling Operation Conditions

Indoor Air Inlet Temperature : 27°C DB (80°F DB) 19.0°C WB (66.2°F WB)
Outdoor Air Inlet Temperature : 35°C DB (95°F DB)

Heating Operation Conditions

Indoor Air Inlet Temperature : 20°C DB (68°F DB)
Outdoor Air Inlet Temperature : 7°C DB (45°F DB) 6°C WB (43°F WB)
Published capacities based on Piping Length: 7.5 Metres.

2. The sound pressure level is based on following conditions.

Indoor Units: 1.5 Metres beneath the unit with discharge duct (2.0m) and return duct (1.0M)

Outdoor Units: 1 Metre from the unit service cover surface, and 1.5 metres from floor level.

Voltage of the power source for the indoor fan motor is 220V. In case of the power source of 240V, the sound pressure level increases by about 1 or 2dB. The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

Optional Parts

In-the-ceiling Type	RPI-3.0FSNIS RPI-4.0FSNIS	RPI-5.0FSNIS RPI-6.0FSNIS	RPI-7.0FSNIS	Control Systems	Models
Drain Mechanism Kit	DUPI-162S		-	Remote System Controller	PC-AR(T)*1
Receiver Kit for Wireless Control	PC-ALHZ			Wireless Remote System Controller	PC-LH3A
Outdoor Units	RAS-3HRVNS RAS-4HRVNS	RAS-5HRVNS RAS-6HRVNS	RAS-7HRVNS	Half-size Remote System Controller	PC-ARH
Drain Kit	DBS-26			7-Day Timer	PSC-A1T
				Central Station	PSC-5S or PSC-A64S
				Remote Control Cable	PRC-5K, PRC-10K, PRC-15K for PC-AR(T)
				3P Connector Cable	PCC-1A
				P/C Network System	CS-NET

DC Inverter systems are designed for efficiency in compliance with MEPS II standards. Efficiency ratings in this table are based on physical test data. Specifications are subject to change with product improvement and without notification. Specification details provided in this brochure are indicative only. Please refer to the Hitachi Design and Installation manuals for all technical information.

Note: *1: As the PC-AR(T) does not include a remote control cable, prepare it in the field, or use PRC-5K, 10K or 15K.

SPECIFICATIONS UTOPIA - DC INVERTER UNITS. HVRN SERIES CASSETTE UNITS

Note: Features and technical specifications indicative only

Model: Indoor Unit Model: Outdoor Unit	RCI-3.0FSN2 RAS-3HVRNS	RCI-4.0FSN2 RAS-4HVRNS	RCI-5.0FSN2 RAS-5HVRNS	RCI-2.5FSN2 x2 RAS-5HVRNS
CAPACITY				
Cooling Capacity (kW)	7.1	10.0	12.5	12.5
Range (kW)	3.9 - 8.0	4.9 - 11.2	5.7 - 14.0	5.7 - 14.0
Heating Capacity (kW)	8.0	11.2	14.0	14.0
Range (kW)	4.0 - 9.0	5.0 - 12.5	6.0 - 16.0	6.0 - 16.0
ELECTRICAL				
Power Supply	240 / 1	240 / 1	240 / 1	240 / 1
Phase / Hz	50	50	50	50
Power Attachment	OU / IU	OU / IU	OU / IU	OU / IU
Interconnecting Wires	.75m2 x 2 Shielded twisted pair			
Running Current (Cooling) RUN / MAX	9.9 / 18	14.1 / 22	17.7 / 31	17.7 / 31
Running Current (Heating) RUN / MAX	10.4 / 18	13.7 / 22	17.3 / 31	17.3 / 31
Recommended ELB Size	25	32	50	50
EFFICIENCY				
Input kW (Cooling)	2.32	3.32	4.17	4.17
Input kW (Heating)	2.43	3.22	4.06	4.06
EER Cooling / COP Heating	3.06 / 3.29	3.01 / 3.48	3.0 / 3.45	3.0 / 3.45
Star Rating Cool / Heat	4.5 / 4.0	4.5 / 4.5	4.0 / 4.5	4.0 / 4.5
AIRFLOW				
Fan Speeds	3	3	3	3
Air Flow (L/s) Hi / Med / Low	350 / 300 / 250	533 / 467 / 400	567 / 483 / 417	333 / 283 / 250 x2
Compressor Type	Scroll	Scroll	Scroll	Scroll
DIMENSIONS & WEIGHTS				
Dimensions IU (H x W x D mm)	298 / 840 / 840	298 / 840 / 840	298 / 840 / 840	248 / 840 / 840x2
Weight IU (Kg)	26	29	29	24 x2
Dimensions OU (H x W x D mm)	600 x 792 (+95) x 300	800 x 950 x 370	800 x 950 x 370	800 x 950 x 370
Weight OU (Kg)	44	85	89	89
NOISE LEVELS				
Sound Pressure Level IU (dB)a Hi / Med / Low	32 / 30 / 28	38 / 35 / 33	39 / 37 / 35	32 / 30 / 28
Sound Pressure Level OU (dB) Cool (Night) Heat	48 (46) 50	50 (48) 52	52 (50) 54	52 (50) 54x2
INSTALLATION				
Refrigerant Type	R410A	R410A	R410A	R410A
Pipe Connection Sizes: Gas (mm) (in)	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8 x2
Pipe Connection Sizes: Liquid (mm) (in)	9.53 / 3/8	9.53 / 3/8	9.53 / 3/8	9.53 / 3/8 x2
Refrigerant Pipe Charge Length (Mtrs)	20	20	30	30
Max Pipe Length (Mtrs)	30	50	50	50
Max Pipe Lift (Mtrs) OU Higher / OU Lower	30 / 20	30 / 20	30 / 20	30 / 20
Pipe Connection Method OU Higher / OU Lower	Flare	Flare	Flare	Flare
WORKING RANGE				
Outdoor Operating Temp (Cooling) OC dB	-5 +46	-5 +46	-5 +46	-5 +46
Outdoor Operating Temp (Heating) OC wB	-10 +15	-10 +15	-10 +15	-10 +15

NOTES: 1. The nominal cooling capacity is the combined capacity of the HITACHI standard split system, and is based on the JIS standard B8616.

Cooling Operation Conditions

Indoor Air Inlet Temperature : 27°C DB (80°F DB) 19.0°C WB (66.2°F WB)

Outdoor Air Inlet Temperature : 35°C DB (95°F DB)

Heating Operation Conditions

Indoor Air Inlet Temperature : 20°C DB (68°F DB)

Outdoor Air Inlet Temperature : 7°C DB (45°F DB) 6°C WB (43°F WB)

Published capacities based on Piping Length: 7.5 Metres.

2. The sound pressure level is based on following conditions.

Indoor Units: 1.5 Metres beneath the unit.

Outdoor Units: 1 Metre from the unit service cover surface, and 1.5 Metres from floor level.

Voltage of the power source for the indoor fan motor is 220V.

The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

Optional Parts

Control Systems	Models
Remote System Controller	PC-AR(T)*1
Wireless Remote System Controller	PC-LH3A
Half-size Remote System Controller	PC-ARH
7-Day Timer	PSC-A1T
Central Station	PSC-5S or PSC-A64S
Remote Control Cable	PRC-5K, PRC-10K, PRC-15K for PC-AR(T)
3P Connector Cable	PCC-1A
P/C Network System	CS-NET

Note: *1: As the PC-AR(T) does not include a remote control cable, prepare it in the field, or use PRC-5K, 10K or 15K.

Indoor Units	RCI-2.5FSN2	RCI-3.0FSN2	RCI-4.0FSN2	RCI-5.0FSN2
Air Panel	P-N23WA			
Receiver Kit for Wireless Control	PC-ALH			
Kit for Deodorant Filter - Filter	F-23L4-D			F-46L4-D
- Filter Box		B-23H4		
Antibacterial Long-life Filter	F-23L4-KS			
Fresh Air Intake Kit**1	OACI-232			
T-Pipe Connection Kit**2	TKCI-232			
Duct Adapter**3	PD-75 (Ø75)			
Outdoor Units	RAS-3HRVNS RAS-5HRVNS RAS-4HRVNS			
Branch-Pipe	-	TW-NP14		-
Drain Kit	DBS-26			

NOTES: **1. It is necessary to use the Fresh Air Intake Kit for connecting the fresh air intake duct to the unit.

**2. It is used when two air intakes (100 x 2) of the Fresh Air Intake Kit is changed to one air intake (150 x 1).

**3. It is used when a fresh air intake duct is connected to the indoor unit directly.

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It's more than just air conditioning to a Hitachi Dealer... It's a way of life.

Premium Dealers specialising in Hitachi air conditioning systems, offer expert advice and installation, backed by Hitachi's more than 35 years global experience and their reputation for quality, reliability and industry-leading technology. Hitachi deals with suppliers who have ISO9000 Certification. Components are stringently tested to match Hitachi's quality policy, ensuring flawless operation, year after year.



5 Year warranty*

The five (5) year warranty on parts and labour is your guarantee of the finest quality and customer support.



25 years in Australia

Hitachi Australia is commemorating 25 years of supplying exceptional service to the Australian air conditioning market

* 5 years domestic application. One (1) year commercial application unless otherwise noted by Hitachi Australia Ltd. Terms and Conditions apply to all warranties.

DC Inverter systems are designed for efficiency in compliance with MEPS II standards. Efficiency ratings in these tables are based on physical test data. Specifications are subject to change with product improvement and without notification. Specification details provided in this brochure are indicative only. Please refer to the Hitachi Design and Installation manuals for all technical information.

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