HITACHI Inspire the Next

Introducing The PREMIUM

Multi-split Air Conditioning System for Buildings

SET-FREE FSN2



R410A

Environmental Design

Simply replacing the current air conditioner by the HITACHI SET-FREE FSN2 series high efficiency model is an environmentally friendly approach, and can form an effective part of a CO2 emission reduction program in buildings and factories.



■ Drastic Reduction of CO₂ Emission*



2008 Model (R410A)

About 40%

Reduction

Estimate: Comparison with HITACHI 20HP Outdoor Unit of 1993.

* : HEachi estimate under the domestic electric power.

1993 Model (R22)

Advantages

SET-FREE FSN2

The PREMILIM Multi-split Air Conditioning System for Buildings

■ Energy Saving

Thanks to Hitachi's unique energy-saving technology such as the high-efficiency DC inverter compressor, industry-leading COP has been achieved.

■ Easy Installation

Integrated compact design for all models of outdoor units. Simplifies installation and increases the flexibility of location. In addition, the maximum piping length was extended from 300m to 1,000m, further improving flexibility in design.

■ Wide Product Range

4 types and 21 models of outdoor units 7 types and 39 models of indoor units

■ Comfort

Fine temperature setting and noise reduction technology for comfortable air conditioning.

■ Reliability

Hitachi's long scroll compressor experience ensures greater reliability.

■ Control by Network System

With the H-LINK II system

- The number of connectable indoor units is significantly increased
- · Workability is drastically improved.
- · Functionality is greatly enhanced.

The industry-leading COP is achieved by the following new technologies

- Double DC Fan Motors
- Super High-Stream & High-Efficiency Fan
- Duct-Type Shroud
- Large Capacity Constant Speed Compressor



■ High-Efficiency
Heat Exchanger
with High-Efficiency
Heat Transfer Fin

■ New Type DC Inverter Compressor with Release Valve

Wide Product Range

Space, structure, and necessary functions. In line with the evolution in building design, the requirements for air conditioning have also diversified.

The Hitachi SET-FREE FSN2 series offers 4 types of intergrated outdoor units and 7 types (39 models) of indoor units. By combining units from a wide selection of models, you can create a custom air conditioning environment to satisfy your specific building conditions.



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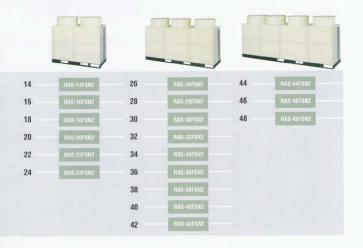








ndoor Units				
	4-Way Cassette	2-Way Cassette	In-the-ceiling	Ceiling
0.8			RPI-0.8FSN2	
1.0	RCI-1.0FSN2	RCD-1.0FSN2	RPI-1.0FSN2	
1.5	RCI-1.5FSN2	RCD-1.5FSN2	RPI-1.5FSN2	
至 2.0	RCI-2.0FSN2	RCD-2.0FSN2	RPI-2.0FSN2	RPC-2.0FSN2
2.0 2.5 2.5 3.0	RCI-2.5FSN2	RCD-2.5FSN2	RPI-2.5FSN2	RPC-2.5FSN2
3.0	RCI-3.0FSN2	RCD-3.0FSN2	RPI-3.0FSN2	RPC-3.0FSN2
4.0	RCI-4.0FSN2	RCD-4.0FSN2	RPI-4.0FSN2	RPC-4.0FSN2
5.0	RCI-5.0FSN2	RCD-5.0FSN2	RPI-5.0FSN2	RPC-5.0FSN2
8.0			RPI-8FSN	
10.0			RPI-10FSN	





System Equipment Total Heat Exchanger 250 KPI-2521



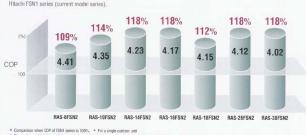
Energy-saving and Comfort

Providing the Highest-ever COP in the SET-FREE Series!

Various cooling circuit technologies and new R410A DC inverter compressor achieve an industry-leading level of efficiency and energy-saving performance.

Top Class COP ~COP of 4.0 or higher achieved by 7 models in the FSN2 series (50 Hz)~

Comparison of average cooling/heating COP with Hitachi FSN1 series (current model series).



- * The cooling and heating performances shown are the values when combined with our specified indoor units
- The cooling and reasing performances shown are the values when combined with our specified indoor units.

New Type DC Inverter Scroll Compressor

■ Improved Intermediate Pressure Performance

The intermediate pressure performance is drastically improved by using a release valve and optimizing orbiting scroll lifting force in the improved new compression mechanism, therefore intermediate pressure performance is largely improved for energy-saving. ■ Release Valve Adoption Prevents from Overcompression.
■ Orbiting Scroll Lifting Force Optimization is Improved

Leakage Loss Reduction.

Annual Annual Petersurce Paccor

Theoretical PD diagram

Overcompression

No Overcompression

No Overcompression

No Overcompression

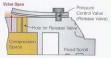
No Overcompression

No Overcompression

No Overcompression

- Start Compression





Pressure at Compression Space > Discharge Pressure

Large Capacity Constant Speed Compressor

Large capacity constant speed compressor is equipped with over 22HP outdoor units to reduce the number of compressors.

Use of Supercooling Circuit

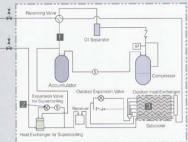
By using a supercooling circuit for the refrigeration cycle and optimizing the piping system, the performance is greatly improved.

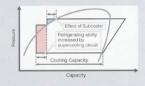
- Reduced piping pressure loss in the unit
- Optimized expansion valve control
- Ø Optimized heat exchanger
- 2-gas. 1-liquid pass arrangement.
- · Subcooler in front
- Supercooling circuit adopted Piping pressure loss decreased by subcooling in liquid pipe.

Supercooling Circuit

Performance improved by high-efficiency plate type heat exchanger.

Example RAS-8 to 12FSN2 Refrigerant Cycle Outline Diagram

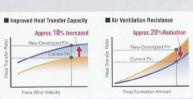


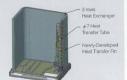




High-Efficiency Heat Exchanger

- Compact design and high-efficiency by arranging narrow heat exchanger tubes in 3 rows
- Newly-Developed High-Efficiency Heat Transfer Fin
- Heat Exchanger Configuration Aimed at Fluid Loss Reduction







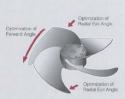
Energy-saving and Comfort

Double DC Fan Motors

Double DC inverter-driven fan motors are provided in the 2-row and 3-row cabinet, High-efficiency, low noise operation is realized.

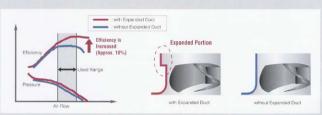
Super High-Stream, High-Efficiency Fan

- Reduction of Fan Motor Input Power Consumption, Rotation Speed and Noise (Rotation Speed Reduction is approx. 25%.)



Duct Type Shroud

A High-efficiency fan is realized by adopting duct type shroud structure.



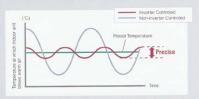
Capacity Control by 1 Hz, The Only One in The Industry

Performance is greatly improved by the high efficiency DC inverter compressor and 100% load compressor, lossless energy-saving operation is achieved (depending on the building).



Precise Temperature Setting

By properly controlling the refrigerant quantity by an electronic expansion valve, the temperature can be finely set.



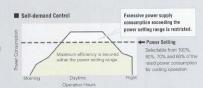
Wide Working Range

SET-FREE FSN2 can handle a wide range of outside air conditions, thus extending the flexibility of installation space and climatic environment.



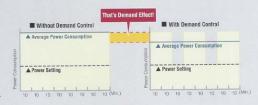
Self-demand Control

A newly developed self-demand function has largely improved energy-saving effects. Since the current is self-detected and demand control performed automatically, no signal wiring work is required. Conventional demand control using demand signals is also available, and you can select various operations as required.



Wave Mode

Wave mode equipped to turn demand control ON and OFF alternately at intervals of about 20 min. or 10 min.
While power is saved without fail, temperature changes are also minimized to maintain a comfortable room temperature.



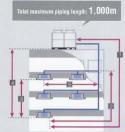
Flexibility of Installation

More Flexible Refrigerant Piping Works

Improved flexibility of design by increasing the pipe length to 165 m max. (equivalent length of 190 m) in FSN2 series.

- Max. piping length: 165 m*1
- Between first branch and indoor unit: 90m or less
- Height difference between highest and lowest indoor units: 15m or less
- Height difference between outdoor and indoor units: 50m*2
- Max, length after branch: 40m

	Current Model (FSN1)	New Model (FSN2)
Total maximum piping length	300 m	1,000 m
Max. piping length	150 m	165 m
Between first branch and indoor unit	40 m	90 m
Max. piping length after branch	30 m	40 m



- *1 For 100m or more, the pipe diameter will be one size large
- *2 In case the outdoor unit is installed at a higher level than indoor units. If the outdoor unit is installed lower than indoor units, the maximum height difference is 40m.

Integrated Design Provides Transportation Time Saving

Only one crane operation is required for installation.

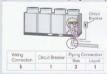


Easy Installation

HITACHI's integrated design for all outdoor unit models allows for easy installation and high reliability by minimizing piping connections.







Combined Unit to Improve Capacity

As shown in the table on the right, the minimum capacity and maximum number of indoor units to be connected are increased to

- Series

- (): Max. number of min. capacity
- indoor units connectable.

 * Indoor unit connected capacity range :

match the indoor load

- 50-130% of outdoor unit capacity.
- Secure air permeability in the event refrigerant leakage.

Outdoor Unit Capacity	Min. Capacity of Indoor Units Connectable	Max Number of Indoor Units Connectable		
8 HP	0.8 HP	13 (8)		
10 HP	0.8 HP	16 (8)		
12 HP	0.8 HP	16 (8)		
14 HP	0.8 HP	20 (12) 20 (12) 20 (16)		
16 HP	0.8 HP			
18 HP	0.8 HP			
20 HP	0.8 HP	20 (16)		
22 HP	0.8 HP	20 (16)		
24 HP	0.8 HP	27 (20)		
26 HP	0.8 HP	29 (20)		
28 HP	D.S HP	31 (24)		

Outdoor Unit Capacity	Min. Capacity of Indoor Units Connectable	Max. Number of Indoor Units Connectable		
30 HP	0.8 HP	32 (24)		
32 HP	0.8 HP	32 (24)		
34 HP	0.8 HP	34 (28)		
36 HP	0.8 HP	34 (28) 38 (32) 38 (32)		
38 HP	0.8 HP			
40 HP	0.8 HP			
42 HP	0.8 HP	42 (34)		
44 HP	0.8 HP	42 (34)		
46 HP	0.8 HP	45 (38)		
48 HP	0.8 HP	45 (38)		

Other Advanced Technologies

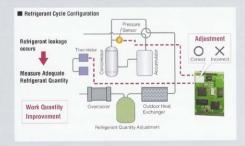
Emergency Mode Operation from Remote Control Switch

If compressor/fan motor fails, an emergency operation mode can be selected from the remote control switch. Even if the compressor fails, air-conditioning operation continues until troubleshooting is performed.



New Function for Adequate Refrigerant Quantity Measurement

A New function for adequate refrigerant quantity measurement is adopted for all unit models. If refrigerant leakage occurs or refrigerant piping length is inadequate, this function measures the adequate refrigerant quantity by refrigerant cycle pressure or temperature. This function is of practical use for adequate refrigerant charging at test run or servicing.



* Refrigerant over-charging is not detected. Over-charging can be detected by gradually adding refrigerant from the under-charged state at test run or when refrigerant leakage

message is available only for units

* The Emergency Mode is available only

with the PC-AR.

- * This function not provide automatic refrigerant charging.
- * The adjustment (estimate) is changed according to the operation condition (the number of operating units and temperature).

Protection for Cold Draft at Cooling Operation

This function is to protect the cold draft while cooling operation at intermediate season or low temperature. This function provides comfortable air conditioning.

General Data

Outdoor Units

Model		RAS-8FSN2	RAS-10FSN2	RAS-12FSN2	RAS-14FSN2	RAS-16FSN2	
Power Supply		711			0-415V / 50Hz, 220V / 60Hz		TINO TOT ONE
		KW	23.3	29.1	34.9	40.7	46.5
Nominal Cooling Capa	city "1)	kcal/h	20,000	25.000	30,000	35,000	40,000
		Btu/h	79,500	99,300	119,100	138.900	158.700
		kW	22.4	28.0	33.5	40.0	45.0
Nominal Cooling Capacity *2) Nominal Heating Capacity		kcal/h	19.300	24.100	28,800	34,400	38,700
		Btu/h	76.400	95.500	114.300	136.500	153.500
	minal Cooling Capacity *1)	kW	25.0	31.5	37.5	45.0	50.0
Nominal Heating Capa	icity	kcal/h	21,500	27,100	32.200	38.700	43.000
		Btu/h	85,300	107.500	128.000	153,500	170,600
Cabinet Color				1000000	Natural Gray	100,000	111111111111111111111111111111111111111
Sound Pressure Level (Overall A Scale) (Night-Shift) 50 / 60Hz dB		dB	56 (51)	58 (53)	Maximum 60 (55)	58 (53)	58 (53)
Dimensions H x W x D		mm	1.670 x 1.080 x 830	1.670 x 1.380 x 830	1.670 x 1.080 x 830	1.670 x 1.850 x 830	1.670 x 1.850 x 830
Net Weight		ka	275	275	275		385-415V:470, 220V:460
	rall	110	2.10		cro-Computer Control Expan		305-4104.470, 2204.400
		ko	10.0	10.5	11.0	18.0	18.0
			10.0	10.0	Hermetic (Scroll)	10.0	10.0
Motor Output (Pole) kW		D/M/	4.974)	0.074)	7.2 (4)	40/0 40/5	00/0 40/5
		KYY	4.8 (4)	6.0 (4)		4.8 (4) + 4.2 (2)	6.0 (4) + 4.2 (2)
					Multi-Pass Cross-Finned Tub	06	
		-14-1	138	172	Propeller Fan 185		
All From Hate				100	110	130 + 140	130 + 140
		(cfm)	(4,871)	(6,072)	(6,531)	(4,589 + 4,942)	(4,589 + 4,942)
		kW	0.38 (8)	0.38 (8)	0.38 (8)	0.38 (8) x 2	0.38 (8) x 2
		mm	≠ 9.53− ≠ 12.7	≠ 9.53- ≠ 12.7	≠ 12.7− ≠ 15.88	φ12.7−φ15.8	≠ 12.7- ≠ 15.88
		φ 19.05− φ 22.2	\$ 22.2- \$ 25.4	\$ 25.4- \$ 28.6	ø 25.4− ø 28.6	≠ 28.6- ≠ 31.75	
Min. Capacity of Indoor Units Connectable			0.8 HP	0.8 HP	0.8 HP	0.8 HP	0.8 HP
Max. Number of Indeor Units Connectable		2010/074	13	16	16	20	20
Approximate Packing M	leasurement	m ³	1.85	1.85	1.85	3.25	3.25
	leasurement	m ²					1 000
Nodel	leasurement	m ³	1.85 RAS-32FSN2	RAS-34FSN2	RAS-36FSN2	RAS-38FSN2	3.25 RAS-40FSN2
	leasurement		RAS-32FSN2	RAS-34FSN2 AC 3 ∉ , 38	RAS-36FSN2 I-415V / 50Hz, 220V / 60Hz,	RAS-38FSN2 380V / 60Hz	RAS-40FSN2
Model Power Supply		kW	RAS-32FSN2 93.0	RAS-34FSN2 AC 3 ∉ , 38l 97.2	RAS-36FSN2 I-415V / 50Hz, 220V / 50Hz, 102.3	RAS-38FSN2 380V / 60Hz 108.4	RAS-40FSN2
Model Power Supply		kW kcal/h	93.0 80,000	RAS-34FSN2 AC 3 ∉ , 38/ 97.2 83,700	RAS-36FSN2 -415V / 50Hz, 220V / 50Hz, 102.3 88,000	RAS-38FSN2 380V / 60Hz 108.4 93,300	RAS-40FSN2 114.5 98,500
Model Power Supply		kW kcal/h Btu/h	93.0 80,000 317,300	RAS-34FSN2 AC 3 ∉ , 38/ 97.2 83,700 331,500	RAS-36FSN2 -415V / 50Hz, 220V / 50Hz, 102.3 88,000 349,000	RAS-38FSN2 380V / 60Hz 108.4 93,300 369,900	PAS-40FSN2 114.5 98.500 390,700
Nodel Power Sapply Nominal Cooling Capac	city "1)	kW kcal/h Btu/h	93.0 80,000 317,300 90.0	RAS-34FSN2 AC 3 ≠ , 380 97.2 83,700 331,600 96.0	RAS-36FSN2 -415V / 50Hz, 220V / 50Hz, 102.3 88,000 349,000 101.0	RAS-38FSN2 380V / 60Hz 108.4 93,300 369,900 107.0	114.5 98.500 390,700 113.0
Nodel Power Sapply Nominal Cooling Capac	city "1)	kW kcal/h Btu/h kW kcal/h	93.0 80,000 317,300 90.0 77,400	RAS-34FSNZ AC 3 ∉ , 38/ 97.2 83,700 331,600 96.0 82,600	RAS-36FSNZ -415V / 50Hz, 22CV / 50Hz, 102.3 88,000 349,000 101.0 86,900	RAS-38FSNZ 380V / 60Hz 108.4 93,300 369,900 107.0 92,100	114.5 98,500 390,700 113.0 97,200
Nodel Power Sapply Nominal Cooling Capac	city "1)	kW kcal/h Btu/h kW kcal/h Btu/h	93.0 80,000 317,300 90.0 77,400 307,100	RAS-34FSN2 AC 3 ≠ , 386 97.2 83.700 331,500 96.0 82,600 327,500	RAS-36FSN2 -415V / 50Hz, 220V / 50Hz, 102.3 88,000 349,000 101.0 86,900 344,600	RAS-38FSN2 380V / 60Hz 108.4 93.300 369.900 107.0 92.100 365,100	114.5 98.500 390,700 113.0 97.200 385,600
Model Power Supply Neminal Cooling Capac Neminal Cooling Capac	city *1)	kW kcal/h Btu/h kW kcal/h Btu/h	93.0 93.0 80,000 317,300 90.0 77,400 307,100 100.0	RAS-34FSN2 AC 3 ≠ , 38/ 97.2 83,700 331,600 96.0 82,600 327,600 108.0	RAS-36FSN2 -415V / 50Hz, 220V / 50Hz, 102.3 88,000 349,000 101.0 344,600 113.0	RAS-38FSN2 380V / 60Hz 108.4 93.300 369.900 107.0 92.100 365,100 119.5	114.5 98.500 390.703 113.0 97.200 385,600 127.0
Model Power Supply Neminal Cooling Capac Neminal Cooling Capac	city *1)	kW kcal/h kW kcal/h Btu/h kW kcal/h	93.0 80,000 317,300 90.0 77,400 507,100 100.0 86,000	RAS-34FSN2 AC 3 ∉ , 38/ 97.2 83,700 331,500 96.0 82,600 327,500 108,0 92,500	RAS-36FSN2 -415V / 50Hz, 220V / 50Hz, 102.3 88,000 349,000 101.0 86,900 344,600 113.0 97,200	RAS-38FSN2 380V / 60Hz 108.4 93.300 366,900 167.0 92.100 365,100 119.5 102.800	RAS-40FSN2 114.5 98.500 390,703 113.0 97.200 385,600 127.0 109,300
Model Power Sapply Nominal Cooling Capa Neminal Cooling Capa Nominal Heating Capa	city *1)	kW kcal/h Btu/h kW kcal/h Btu/h	93.0 93.0 80,000 317,300 90.0 77,400 307,100 100.0	RAS-34FSN2 AC 3 ≠ , 38/ 97.2 83,700 331,600 96.0 82,600 327,600 108.0	RAS-36FSN2 -415V / 50Hz, 220V / 50Hz, 102.3 88,000 349,000 101.0 86,900 344,600 113.0 97,200 385,600	RAS-38FSN2 380V / 60Hz 108.4 93.300 369.900 107.0 92.100 365,100 119.5	114.5 98.500 390.703 113.0 97.200 385,600 127.0
Model Power Sapply Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Cabinet Color	city *1)	kW kcal/h kW kcal/h Btu/h kW kcal/h	93.0 80,000 317,300 90.0 77,400 507,100 100.0 86,000	RAS-34FSN2 AC 3 ∉ , 38/ 97.2 83,700 331,500 96.0 82,600 327,500 108,0 92,500	RAS-36FSN2 -415V/50Hz, 220V/50Hz, 102.3 -88,000 -101.0 -86,900 -344,600 -113.0 -97,200	RAS-38FSN2 380V / 60Hz 108.4 93.300 366,900 167.0 92.100 365,100 119.5 102.800	RAS-40FSN2 114.5 98.500 390,703 113.0 97.200 385,600 127.0 109,300
Model Power Sapply Nominal Cooling Capa Neminal Cooling Capa Nominal Heating Capa	city *1)	kW kcal/h kW kcal/h Btu/h kW kcal/h	93.0 80,000 317,300 90.0 77,400 507,100 100.0 86,000	RAS-34FSN2 AC 3 ∉ , 38/ 97.2 83,700 331,500 96.0 82,600 327,500 108,0 92,500	RAS-36FSN2 -415V / 50Hz, 220V / 50Hz, 102.3 88,000 349,000 101.0 86,900 344,600 113.0 97,200 385,600	RAS-38FSN2 380V / 60Hz 108.4 93.300 366,900 167.0 92.100 365,100 119.5 102.800	RAS-40FSN2 114.5 98.500 390,703 113.0 97.200 385,600 127.0 109,300
Model Power Supply Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Capanet Color Sound Pressure Level (Noral A Scale) ((Mars All Social)	city *1)	kW kcal/h kW kcal/h Btu/h kW kcal/h	RAS-32FSN2 90,000 317,300 97,400 307,100 100.0 86,000 341,200	RAS-34FSN2 AC 3 ∉ , 386 97.2 83.700 33.1,000 96.0 82,600 327,500 108.0 92,900 388,500 388,500	RAS-39FSN2 1-415V / 50Hz 220V / 50Hz. 102.3 88,000 348,000 101.0 88,000 344,600 113.0 98,700 345,600 Naturui Gray Maximum 64 (50) / 64.5 (50.5)	RAS-38FSN2 380V / 60Hz 108.4 93.300 369.900 107.0 92.100 368.100 119.5 102.800 407.700	RAS-40FSN2 114.5 98.500 389,700 113.0 97.200 388.600 127.0 106,300 433,300 64 (59) / 84.5 (56.5)
Model Power Supply Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Cabinet Color Sound Pressure Level (overal A Sound) (supplementation of Sound Capana) (supplementation of Sound Capana)	city *1)	kW kcal/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h	RAS-32FSN2 93.0 80.000 317,300 90.0 77,400 307,100 100.0 86,000 341,200	RAS-34FSN2 AG 3 4, 384 97.2 83.700 331.900 96.0 82.600 327.900 108.0 92.500 388.500 56.4(59) / 64.5 (59.3) 1,170 v 2.440 v 830	RAS-35FSN2 -415V/ 50Hz, 220V / 50Hz. 102.3 88,000 349,000 101.0 88,900 344,600 113.0 97,200 385,600 Matural Gray Maximum	RAS-38FSN2 380V / 60Hz 108.4 93.300 366.900 107.0 92.100 365.100 119.5 102.800 407.700	RAS-4DFSN2 114.5 98.500 398.700 113.0 97.200 388.600 127.0 109.300 433.300 433.300
Model Power Sapply Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Cabinet Color Sand Pressare Level Consult Acade Control Color Control Color Colo	city *1) city *2)	kW kcal/h Btu/h kW kcal/h kW kcal/h Btu/h kW kcal/h Btu/h	83.0 83.0 80,000 317,000 90.0 77,400 307,100 100.0 86,000 341,200 62 (ST) /63 (S8) 1,500 + 2540 + 80	RAS-34FSN2 AC 3 #, 386 97.2 83.700 331,900 82,000 327,500 108.0 92,000 92,000 108.0 92,000 108.0 92,000 108.0 92,000 108.0 92,000 108.0 92,000 108.0 92,000	RAS-SSFSN2 -415V/50Hz, 220V/50Hz, 102.3 -88,000 -349,000 -101.0 -86,900 -344,500 -113.0 -97,200 -385,500 -Naturu Gray -Maximum -64 (59) / 64 5 (59.5) -1,870 2,340 x 350 -80	RAS-S8FSNZ 380V / 604z 108.4 93.300 388,900 107.0 92.100 928.100 119.5 102.800 407.700	RAS-40FSN2 114.5 98.500 389,700 113.0 97.200 388.600 127.0 106,300 433,300 64 (59) / 84.5 (56.5)
Model Power Sapply Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Cabinet Cotor Sound Pressure Level (Gight-Skirt) 50 (60kz Dimensions H x W x D Met Weight	city *1) city *2)	kW kcal/h Btu/h kW kcal/h kW kcal/h Btu/h kW kcal/h Btu/h dB mm kg	83.0 83.0 80,000 317,000 90.0 77,400 307,100 100.0 86,000 341,200 62 (ST) /63 (S8) 1,500 + 2540 + 80	RAS-SAFSN2 AC 3 ¢, 386 972 83,700 331,500 60.0 82,600 327,500 108.0 92,500 388,500 388,500 464,659/,645,69.5) 1,170 2,2440 439	RAS-SSFSN2 -4159/ 59bc. 2207/ 59bc. 1502.3 -88,000 -849,000 -101.0 -86,900 -344,600 -113.0 -97,200 -385,600 -113.0 -97,200 -385,600 -14,000 -36,600 -3	RAS-S8FSM2 380V 609t 108.4 93.300 3808.000 107.0 92.100 386.100 119.5 102.800 407.700 64 (59) 64.5 (50.5) 1,770 v 2.940 v 830 915	RAS-4DFSN2 114.5 98.50 399,700 113.0 97.200 385,600 127.0 109,300 433,300 433,300 64 (59),54.5 (59.5) 1.870 × 2.940 × 830 915
Model Power Sapply Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Cabinet Color Sound Presser Level (Hight-Shift) Soi Alber Dimensions H x W x D Net Weight Refrigerant (Plow Coult Refrigerant (Plow Coult	city *1) city *2)	kW kcal/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h	843-32FSM2 80,000 817,000 90,00 77,400 90,01 100,00 86,000 341,200 62 (57) /63 (58) 1,670 + 2,540 + 130 840	RAS-34FSN2 AC 3 #, 386 97.2 83.700 331,900 82,000 327,500 108.0 92,000 92,000 108.0 92,000 108.0 92,000 108.0 92,000 108.0 92,000 108.0 92,000 108.0 92,000	RAS-SSFSN2 -415V/56Hz, 22CV/50Hz, 102.3 -88,000 349,000 101.0 -86,300 344,600 113.0 97,200 385,600 Natural Gray Maximum 64 (50) 45,5 (50.5) 1,470 2,5 (50.5) 1,470 2,5 (50.5) 245,5 (50.5)	RAS-S8FSNZ 380V / 604z 108.4 93.300 388,900 107.0 92.100 928.100 119.5 102.800 407.700	RAS-4DFSN2 114.5 98.500 398.700 113.0 97.200 388.600 127.0 109.300 433.300 433.300
Nominal Cooling Capa: Nominal Cooling Capa: Nominal Cooling Capa: Nominal Heating Capa: Cableet Color: Sand Pressers Level (Noral A Scaly) (Biglis-Shirt) Sof (Birls-Dimensions H x W x D Noral Heating Capa: Commension Commensions H x W x D Noral Heating Capa: Commension Commensions H x W x D Noral Heating Capa: Commensions Commensions H x W x D Noral Heating Capa: Commensions Commensions Commensions H x W x D Noral Heating Capacity	city *1) city *2)	kW kcal/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h btu/h ktu/h	RAS-32FSM2 93.0 93.009 97.400 99.0 97.400 90.1 17.400 90.0 97.400 98.000 \$41,200 \$41,200 \$52,760 (88) \$68,000 \$41,200 \$68,000	RAS-34FSN2 AC 3 d, 384 972 83.700 331,500 98.0 82,600 327,500 108.0 92,500 388,500 388,500 46,501,645,693,5 1,670 x 2,940 x 830 840 R110A,(Mi	RAS-SIFSN2 -415V/59Nc, 220V/59Nc, 1102, 388,000 -849,000 -101,0 -86,000 -344,600 -113,0 -97,200 -385,600 -113,0 -97,200 -385,600 -14,000 -44,000 -44,000 -45,0	RAS-S8FSM2 380V 400t 100.4 93.000 100.4 93.000 360.000 100 92.100 365.100 113.5 102.800 407.700 64.(589),64.5 (68.5) 1,870 x 2,940 x 830 915 salon Valvey 56.0	RAS-40F SN2 114.5 98.500 \$98.700 113.0 97.200 285.600 127.0 109.300 433.300 64 (59) / 54.6 (66.5) 1670 x 2.940 x 650 915 30.0
Model Power Supply Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Cabinet Color Sound Pressure Level (Wight Swith) 50 (601-6 Dimensional 1-4 D	city *1) city *2)	kW kcal/h Btu/h kW kcal/h kW kcal/h Btu/h kW kcal/h Btu/h dB mm kg	843-32FSM2 80,000 817,000 90,00 77,400 90,01 100,00 86,000 341,200 62 (57) /63 (58) 1,670 + 2,540 + 130 840	RAS-34FSN2 AC 3 g , 386 972 85,700 331,500 96.0 82,200 327,500 108.0 92,500 365,500 365,500 64 (59) / 64.5 (59.5) 1,1670 2,5400 x 830 840 60 (6+42 (2)+45 (2)+2	RAS-SSFSN2 +419V/50tt, 220V/50tt, 1023 88,000 101.0 348,000 101.0 88,000 344,600 113.0 97,200 385,000 Natural Gray Rasimum 64 (50)/64 (504.5) +1,670 ×2,340 × 130 **To Coroquetr Control Expan 285,541 Hermetic (50x01) Hermetic (50x01)	RAS-S8FSNZ 380V / 90tz 108.4 93.300 / 90tz 1107.0 93.300 / 90t / 9	RAS-4DFSN2 114.5 98.50 399,700 113.0 97.200 385,600 127.0 109,300 433,300 433,300 64 (59),54.5 (59.5) 1.870 × 2.940 × 830 915
Model Power Sapply Nominal Ceoling Capa Nominal Ceoling Capa Nominal Heating Capa Cabinet Color Sound Pressure Lavel Coveral Social, Single Demonstrated WW x D Nominal Heating Capa Cabinet Color Resident WW x D Refrigerant Charge Compressor Mctor Output Mctor Output Medic Output Medic Output Medic Output Medic Color Medic Color Medic Output Medic Color Medic Output Medic Color Medic Output Medic Medic Color Medic Output Medic Medic Color Medic Output Medic Medic Color Medic Medic Color Medic Me	city *1) city *2)	kW kcal/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h btu/h ktu/h	RAS-32FSM2 93.0 93.009 97.400 99.0 97.400 90.1 17.400 90.0 97.400 98.000 \$41,200 \$41,200 \$52,760 (88) \$68,000 \$41,200 \$68,000	RAS-34FSN2 AC 3 g , 386 972 85,700 331,500 96.0 82,200 327,500 108.0 92,500 365,500 365,500 64 (59) / 64.5 (59.5) 1,1670 2,5400 x 830 840 60 (6+42 (2)+45 (2)+2	RAS-SIFSN2 -415V/590t., 220V/590t2, 1102.3 88,900 -549,000 -549,000 -549,000 -544,000 -544,000 -544,000 -545,00	RAS-S8FSNZ 380V / 90tz 108.4 93.300 / 90tz 1107.0 93.300 / 90t / 9	RAS-40F SN2 114.5 98.500 \$98.700 113.0 97.200 285.600 127.0 109.300 433.300 64 (59) / 54.6 (66.5) 1670 x 2.940 x 650 915 30.0
Media Prover Supply Neminal Ceoling Capa Neminal Ceoling Capa Neminal Ceoling Capa Neminal Healing Capa Cabled Cape Cabled Cape Cabled Cape Cabled Cape Cabled Cape Cape Cape Cape Cape Cape Cape Cape	city *1) city *2) city *2)	kW scal/h Btu/h kW kcal/h Btu/h Btu/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h	RAS-2FSN2 93.0 98,000 917,300 99.0 177,400 507,100 100.0 86,000 541,200 541,200 62 (57) /63 (58) 1,870 2,540 +830 92,540 +830 848 (6+42 (2+65 (2) +2	RAS-34FSN2 AC 3 g , 386 972 83.700 331,500 96.0 82,200 327,500 106.0 82,500 365,500 365,500 861,500,500 87,500 87,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500 88,500	RAS-SSFSN2 +4199/1501c, 2209/1501c, 2209/1501c, 2209/1501c, 2209/1501c, 2209/1501c, 2209/1501c, 2009/1501c, 2009/	RAS-S8FSNZ 380V / 60tz 108.4 93.900 93.900 167.0 93.900 167.0 95.100 365.100 119.3 119.3 102.800 407.700 407.700 64 (59) / 64.5 (59.5) 1,870.2 34/0 x 830 915 24 (4) 44 2(2) + 6.5 (2) x 3	RAS-40FSN2 114.5 98.500 98.500 113.0 97.200 988.600 113.0 97.200 988.600 127.0 100.300 433.300 433.300 64 (59) / 84.5 (86.5) 1870 × 2040 × 830 915 35.0 35.0 35.0 35.0 35.0
Media Prover Supply Neminal Ceoling Capa Neminal Ceoling Capa Neminal Ceoling Capa Neminal Healing Capa Cabled Cape Cabled Cape Cabled Cape Cabled Cape Cabled Cape Cape Cape Cape Cape Cape Cape Cape	city *1) city *2) city *2)	kW kcal/h Btu/h kW kcal/h Btu/h Btu/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h bw/h kww kcal/h bw/h kww kww kww kww kww kww kww kww kww kw	RAS-2FSN2 93.0 98.000 98.000 97.400 90.0 97.400 96.000 98.000 361,200 98.000 341,200 86.000 341,200 86.000 341,200 86.000 48.600 86.000 341,200	RAS-34FSN2 AC 3 g , 386 972 83.700 83.700 92.000 327.500 106.0 92.000 388.500 92.000 388.500 92.000 388.500 64 (59) / 64.5 (59.5) 1.670 x 2.940 x 890 840 64 (59) / 64.5 (59.5) 65 (59.4)	RAS-SFSN2 -415V/59Nc, 220V/59Nc, 11023 -88,900 -49000 -101.0 -88,900 -344,600 -115.0 -97,200 -385,600 -115.0 -97,200 -385,600 -115.0 -97,200 -385,600 -115.0 -97,200 -385,600 -115.0 -97,200 -385,600 -115.0 -1200 -12	RAS-S8FSN2 380V 600t 108.4 93.300 386.900 167.0 92.100 386.100 119.5 102.800 407.700 64 (59) (44.5 (59.5) 1,870 x 2,940 x 800 24 (0) +42 (2) +6.5 (3) x 3 22 (10 + 200 + 172 210 + 200 + 172	RAS-40FSN2 114.5 98.500 98.700 117.3 97.200 388.600 127.0 109.300 433.300 433.300 64 (59) /84.5 (56.5) 1.670 x 2.040 x 830 915 33.0 33.6 (9.42.67) +6.5 (7) x 3
Medel Prover Sapply Nominal Cooling Capa Nominal Cooling Capa Nominal Healing Capa Nominal He	city *1) city *2) city city rol)	kW kcal/h Btu/h kW kcal/h kW kcal/h Btu/h Btu/h Btu/h Btu/h bu/h kw kcal/h btu/h bw kcal/h btu/h bw kcal/h btu/h bw kcal/h bw kw kcal/h bw kw kcal/h bw kcal	RAS-2FSN2 93.0 90,000 317,300 90.0 177,400 507,100 100.0 86,000 541,200 541,200 62 (ST) /63 (S8) 1,670 2,540 + 830 980 28.5 48 (6+42 (2+65 (2) + 2	RAS-34FSN2 AC 3 g , 386 972 83.700 333.500 96.0 92.200 327.500 106.0 92.500 368.500 66.150, 164.5 (50.5) 1.070.2,540.4 (50) 870 880 880 88100 88100 88100 88100 88100 88100 88100 88100 88100 88100 88100 88100 88100 88100	RAS-SSFSN2 +4199/1901c, 2209/1904c, 11023 88,000 191.0 344,000 191.0 365,000 344,000 1113.0 97,200 384,000 113.0 97,200 384,000 113.0 97,200 384,000 113.0 97,200 384,000 113.0 97,200 113.0 97,200 113.0 113.0 97,200 113.0	RAS-S8FSN2 380V / 90tz 108.4 93.900 93.900 107.0 93.900 107.0 93.51.00 365.100 365.100 365.100 407.700 407.700 407.700 505.0 915 505.0 915 505.0 92.100 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 0 2.4(8) +42.(2) +65.(2) ×3.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RAS-40FSN2 114.5 98.500 98.500 113.0 97.200 98.600 127.0 100.300 433.000 433.000 64 (59) / 84.5 (86.5) 1877 x 2.040 x 830 915 30.0 36.10 +42 (2) +63 (2) x 3
Medel Power Supply Nominal Ceoling Capa Nominal Ceoling Capa Nominal Ceoling Capa Nominal Healing Capa Challed Color Sound Possare Level Color Capa Challed Color Challed	city *1) city *2) city *2) city froity arroll	kW kcal/h Btu/h kW kcal/h Btu/h Btu/h Btu/h kW kcal/h Btu/h kW kcal/h Btu/h bw/h kww kcal/h bw/h kww kww kww kww kww kww kww kww kww kw	RAS-2FSN2 93.0 98.000 98.000 97.400 90.0 77.400 96.00 177.400 96.00 367.100 100.0 86.000 341.200 841.200 841.200 841.200 841.200 841.200 841.200 843.200 843.200 843.200 843.200 844.200 845.200	RAS-34FSN2 AC 3 g , 386 972 83.700 83.700 98.00 98.000 98.000 327.500 106.0 92.000 388.500 92.500 388.500 86.000 86.000 388.500 870 × 2.940 × 830 8710 × 2.940 × 830 8710 × 2.940 × 7.000 8710 × 2.940	RAS-SSFSN2 4159/1590t. 220/1590t. 1102.3 88.900 101.0 88.900 101.0 88.900 101.0 88.900 115.0 97.200 385.600 Natural Gray Maximum 44.(59)/64.5 (59.5) Hermetic (3croll) 27.2(0+2.0+50/12) 27.2(0+2.0+50/12) 210. 220. 172 (7.413 + 7.900 + 6.072) 30.5 (8) x 2 - 7.900 + 6.072)	RAS-S8FSN2 380V 690t 108.4 93.000 986.909 167.0 92.100 986.100 119.5 102.800 407.700 64.5(59) 64.5 (59.5) 1,270 2.940 v.830 955 955 24 (6) 442 (7) 455 (7) x3 x6 210 + 200 + 172 (7,413 - 7,800 + 6,675) 27(7,413 - 7,800 + 6,675)	RAS-40FSN2 114.5 98.500 98.700 117.0 98.700 127.0 109.300 127.0 109.300 433.300 433.300 64 (59) / 84.5 (66.5) 1.870 x 2.940 x 830 915 210 + 200 + 172 (7,413 + 7,900 + 6,972) 3.36 (8) x 4 x 9.700 3.36 (8) x 4 x 9.700
Needed Prover Supply Reminal Cooling Capa Reminal Cooling Capa Reminal Cooling Capa Reminal Feeling Capa Reminal Feeling Capa Chiler Clay Chiler Cool C	city *1) city *2) city *2) city roll) ir Flow Rate footor Output quid	kW kcal/h Btu/h kW kcal/h kW kcal/h Btu/h Btu/h Btu/h Btu/h bu/h kw kcal/h Btu/h bw kcal/h bw kw kcal/h bw kw kcal/h bw kw kcal/h bw kca	RAS-2FSN2 93.0 90,000 317,300 90.0 177,400 307,100 100.0 96,000 541,200	RAS-34FSN2 AC 3 g , 386 972 83,700 333,500 960 92,200 327,500 108,0 92,500 92,500 327,500 11,670,2,540 c 453 80 81100,404 225 60 (6+42 62+65 (2)+2 (7,473 - 7,700 + 172 (7,473 -	RAS-SIFSN2 +4199/1501c, 2209/1501c, 2209/	RAS-S8FSN2 380V / 90tz 108.4 93.900 / 90tz 109.4 93.900 107.0 92.100 365.100 119.5 119.5 119.2.800 407.700 407.700 407.700 445.5(9.2.5) 1.870 / 2.940 × 830 915 24.4(9.42.6)+6.5(2) × 300 0 24.4(9.42.6)+6.5(2) × 300 0 27.4(9.42.6)+6.5(2) × 300 0 27.4(9.42.6)+6.5(2) × 300 0 28.4(9.42.6)+6.5(2) × 300 0 29.5(3)+6.5(3)+7.5(3)	RAS-40FSN2 114.5 98.500 98.500 113.0 99.700 113.0 99.700 127.0 109.309 453.000 453.000 453.000 453.000 453.000 36.606,591,64.5 (96.5) 1870 2.946 x800 985 210 + 20.41 x 2.946 x 800 210 + 20.41 x 2.946
Needed Prover Supply Nominal Cooling Capa Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Supply Nominal Heating Capa Supply Su	city *1) city *2) city roll) Ir Flow Rate loquid diass	kW kcal/h Btu/h kW kcal/h Btu/h Btu/h Btu/h kW kcal/h Btu/h kcal/h Btu/h kW kcal/h kW mm kg	RAS-2FSN2 93.0 98.000 97.100 99.0 97.400 98.000 99.1 177.400 98.000 241.200 417.00 417.00 241.200 241.200 241.200 156: (527 / 63 (85) 1,577 0 2 540 + 130 840 840 840 840 840 840 840 840 840 84	RAS-SAFSN2 AC 3 g , 386 972 83.700 98.01 98.100 98.00 98.00 98.00 98.000 387.000 98.5000 98.5000	RAS-SSFSN2 4159/1501c, 2207/1501c, 2207/1	RAS-S8FSN2 380V r00te 100.4 93.300 r00te 100.4 93.300 r00 160 r0 92.100 92.100 92.100 113.5 102.800 407.700 407.700 64 (59.9) 64.5 (50.5) 1,270 2.940 x 830 915 204 (6) +2.2 (2) +5.5 (2) x 3 80 210 +200 +177 (2) +178 (2)	RAS-40FSN2 114.5 96.500 98.500 113.0 97.200 388.600 127.0 103.300 433.300 433.300 64 (59) / 84.5 (64.5) 1.870 x 2.940 x 830 915 210 + 220 + 172 (7.413 + 7.960 + 6.772) 30.6 (9.34 - 5.972) 30.6 (9.34 - 5.972) 30.6 (9.34 - 5.972) 430.7 + 94.7 + 96.7 + 96.7 + 9
Neede Prover Supply Reminal Cooling Capas Reminal Cooling Capas Reminal Cooling Capas Reminal Feeting Capas Reminal Feeting Capas Challes Capa Reminiprent Chapa A Retrigent Piping A Retrigent Piping A Min. Capacity of Index G Min. Capacity of Index M	city *1) city *2) city *2) city *2) city *2) city *2)	kW kcal/h Btu/h kW kcal/h KW kcal/h Btu/h Btu/h kg kcal/h kg kg kg ky kcal/h ky m²/min kg	RAS-2FSN2 93.0 90.000 917,300 90.0 177,400 507,100 100.0 86,000 94,100 1,570+2,540+350 86 1,570+2,540+350 86 1,570+2,540+350 86 186+42-02+65-02+2 186+176+186 (6,531+6,178+5,875) 93.8 (9) 7.2+9,37 (9) 2,93.75-4,34.9 0.8 IP	RAS-34FSN2 AC 3 g , 386 972 83,700 333,500 96.0 92,200 327,500 106.0 92,200 327,500 116.0 92,200 327,500 86,7615,645,693,0 11,670,2400,450 87,7615,693,0 11,670,2400,450 255 60 (6+42 (2)+65 (2)+2 210+200+172 (7,473+7,060+172 (7,473+7,760+0,072) 33 (8) 2 + 0,37 (2) g + 3175-g + 249 0.8 HP	RAS-SIFSN2 -4199/1901c, 2209/1904c, 11023 -88,000 -348,000 -191.0 -88,000 -344,600 -113.0 -97,200 -344,600 -113.0 -97,200 -385,500 -Material Crips -Maximim -64 (59), 76.5 (59.5) -1,670-2,340 x 830 -80 -80 -80 -80 -80 -80 -80	RAS-S8FSN2 380V / 90tz 108.4 93.900 / 90tz 109.4 93.900 107.0 92.100 365.100 119.5 119.5 119.2.800 407.700 407.700 407.700 445.5(9.2.5) 1.870 / 2.940 × 830 915 24.4(9.42.6)+6.5(2) × 300 0 24.4(9.42.6)+6.5(2) × 300 0 27.4(9.42.6)+6.5(2) × 300 0 27.4(9.42.6)+6.5(2) × 300 0 28.4(9.42.6)+6.5(2) × 300 0 29.5(3)+6.5(3)+7.5(3)	RAS-40FSN2 114.5 98.500 98.500 113.0 99.700 113.0 99.700 127.0 109.309 453.000 453.000 453.000 453.000 453.000 36.606,591,64.5 (96.5) 1870 2.946 x800 985 210 + 20.41 x 2.946 x 800 210 + 20.41 x 2.946
Needed Prover Supply Nominal Cooling Capa Nominal Cooling Capa Nominal Cooling Capa Nominal Heating Capa Sound Prassar Level (Supple Sound) Cooling Capa Sound Prassar Level (Supple Sound) Colong Sound Prassar Level (Supple Sound) Colong Sound Prassar Level Sound Prassar Level Sound	city *1) city *2) city *2) city *2) city *2) city *2)	kW kcal/h Btu/h kW kcal/h KW kcal/h Btu/h Btu/h kg kcal/h kg kg kg ky kcal/h ky m²/min kg	RAS-2FSN2 93.0 98.000 97.100 99.0 97.400 98.000 99.1 177.400 98.000 241.200 417.00 417.00 241.200 241.200 241.200 156: (527 / 63 (85) 1,577 0 2 540 + 130 840 840 840 840 840 840 840 840 840 84	RAS-SAFSN2 AC 3 g , 386 972 83.700 98.01 98.100 98.00 98.00 98.00 98.000 387.000 98.5000 98.5000	RAS-SSFSN2 4159/1501c, 2207/1501c, 2207/1	RAS-S8FSN2 380V r00te 100.4 93.300 r00te 100.4 93.300 r00 160 r0 92.100 92.100 92.100 113.5 102.800 407.700 407.700 64 (59.9) 64.5 (50.5) 1,270 2.940 x 830 915 204 (6) +2.2 (2) +5.5 (2) x 3 80 210 +200 +177 (2) +178 (2)	RAS-40FSN2 114.5 96.500 98.500 113.0 97.200 388.600 127.0 103.300 433.300 433.300 64 (59) / 84.5 (64.5) 1.870 x 2.940 x 830 915 210 + 220 + 172 (7.413 + 7.960 + 6.772) 30.6 (9.34 - 5.972) 30.6 (9.34 - 5.972) 30.6 (9.34 - 5.972) 430.7 + 94.7 + 96.7 + 96.7 + 9

RAS-18FSN2	RAS-20FSN2	RAS-22FSN2	RAS-24FSN2	RAS-26FSN2	RAS-28FSN2	RAS-30FSN2
		AC 3 p. 380	-415V / 50Hz, 220V / 60Hz	, 380V / 60Hz		
52.3	58.1	64.0	69.8	75.6	81.4	87.2
45,000	50,000	55,000	60,000	65,000	70,000	75,000
178,400	198,200	218,400	238,200	257,900	277,700	297,500
50.4	56.0	63.0	69.0	73.0	80.0	85.0
43,300	48,100	54,100	59,300	62,700	63,800	73,100
172,000	191,100	215,000	235,400	249,100	273,000	290,000
56.0	63.0	71.0	77.5	82.5	90.0	95.0
48,100	54,100	61,000	66,600	70,900	77,400	81,700
191,100	215,000	242,303	264,400	281,500	307,100	324,100
			Natural Gray			
			Maximum			
62 (57)	62 (57)	62 (57)	62 (57) / 63 (58)	62 (57) / 63 (58)	62 (57) / 63 (58)	62 (57) / 63 (58)
1,670 x 1,850 x 830	1,670 x 1,850 x 830	1,670 x 1,850 x 830	1,670 x 1,850 x 830	1,670 x 2,940 x 830	1,670 x 2,940 x 830	1,670 x 2,940 x 830
540	540	580	580	780	780	840
		R410A (Mic	ro-Computer Control Expa	insion Valve)		
19.5	19.5	20.0	20.0	27.0	27.0	28.5
			Hermetic (Scroll)			
3.6 (4) + 4.2 (2) × 2	4.8 (4) + 4.2 (2) × 2	4.8 (4) + 4.2 (2) + 6.5 (2)	6.0 (4) + 4.2 (2) + 6.5 (2)	4.8 (4) + 6.5 (2) x 2	6.0 (4) + 6.5 (2) x 2	3.6 (4) + 4.2 (2) + 6.5 (2) x 2
		N.	Nulti-Pass Cross-Finned Tu	be		
			Propeller Fan			
185 + 175	185 + 175	185 + 175	185 + 175	185 + 175 + 165	185 + 175 + 165	185 + 175 + 165
(6,531 + 6,178)	(6,531 + 6,178)	(6,531 + 6,178)	(6,531 + 6,178)	(6,531 + 6,178 + 5,825)	(6,531 + 6,178 + 5,825)	(6,531 + 6,178 + 5,825)
0.38 (8) x 2	0.38 (8) x 2	0.38 (8) x 2	0.38 (8) x 2	0.38 (8) x 2 + 0.57 (8)	9.38 (8) x 2 + 0.57 (8)	0.38 (8) x 2 + 0.57 (8)
≠ 15.88- ≠ 19.05	φ 15.88− φ 19.05	ø 15.88− ø 19.05	φ 15.88− φ 19.05	\$ 19.05-\$22.2	ø 19.05− ø 22.2	ø 19.05− ø 22.2
≠28.6- ≠31.75	≠ 28.6- ≠ 31.75	\$ 28.6-\$31.75	≠28.5- ≠31.75	\$31.75-\$34.9	¢31.75− ¢34.9	≠31.75-≠34.9
0.8 HP	0.8 HP	0.8 HP	0.8 HP	0.8 HP	0.8 HP	0.8 HP
20	20	20	27	29	31	32
3.25	3.25	3.25	3.25	4.95	4.95	4.95

RAS-42FSN2	RAS-44FSN2	RAS-46FSN2	RAS-48FSN2	
	AC 3 ¢ , 380-415V / 50Hz	, 220V / 60Hz, 380V / 60Hz		
119.5	125.6	131.4	137.2	
102,800	108,000	113,000	118,000	
407,700	428,500	448,300	468,100	
118.0	124.0	130.0	135.0	
101,600	106,600	111,800	116,100	
402,600	423,100	443,600	460,600	
132.0	138,0	145.0	150.0	
113,600	118,700	124,700	129,000	
450,400	470,900	494,700	511,800	
	Natur	al Gray		
	Max	imum		
64 (59) / 64.5 (59.5)	64 (59) / 64.5 (59.5)	64 (59) / 64.5 (59.5)	64 (59) / 64.5 (59.6	
	4 070 - 0 070 - 070	+ 670 - 0 670 - 600	4 070 0 070 000	

64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59) / 64.5 (59.5) 64 (59

Hermetic (Scroll)
4.6 (4) + 4.2 (2) + 6.5 (2) x 3 3.6 (4) + 6.5 (2) x 4 4.8 (4) + 6.5 (2) x 4 6.0 (4) + 6.5 (2) x

Multi-Pass Cross-Finned Tube

Propeller Fan 170 x 2 + 160 x 2 210 + 200 + 172 170 x 2 + 160 x 2 170 x 2 + 160 x 2 (7,413 + 7,060 + 6,072) (6.001 x 2 + 5,648 x2) (6,001 x 2 + 5,648 x2) (6,001 x 2 + 5,648 x2) 0.38 (8) × 2 + 0.57 (8) 0.38 (8) x 2 + 0.57 (8) x 2 | 0.38 (8) x 2 + 0.57 (8) x 2 | 0.38 (8) x 2 + 0.57 (8) x 2 ≠ 19.05- ≠ 22.2 ≠ 19.05- ≠ 22.2 ≠38.1-≠41.3 #38.1- #41.3 0.8 HP 0.8 HP n R HP 46 46 6.49 4.95 6.49 6.49

NOTES:

 The above cooling and heating capacities show the capacities when the outdoor unit is operated with the 100% rating of indoor units, and are based on the standard JIS 88616-1984.
 Cooling Operation Conditions

Indoor Air Inlet Temperature: 27 °C DB (80°F DB)
-1) 19.5 °C WB (66.2°F WB)

*2) 19.0 °C W8 (66.2°F WE) loor Air Inlet Temperature: 35 °C DB (95°F DB)

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)
Piping Length: 7.5 Meters Piping Lift: 0 Meter

2. The sound pressure is based on the following conditions.
1 Meter from the unit service cover surface, and 15 Meters from thor feed.
The above data its based on the collage mode. In case of hasting mode, the second pressure level increases by approximately 1-2 dB. The above data was measured in an anotheric chamber so that reflected goods should be taken into condition in the field.

4-Way Cassette Type

Extremely Silent Operation and Elegant Design Matching Any Interior



Industry-leading Low Sound Pressure Level

Highly-advanced low sound pressure level, 30 dB(A) (1.0-2.0HP; at HIGH speed operation) is realized by adopting the new DC fan motor and the vibration-proof structure which protects the turbo fan from abnormal sound. The low sound pressure level is 2 dB lower than the conventinal units and further quiet operation is achieved.

Newly Developed "Wide Air Flow Wing"

"Wide Air Flow Wing" is installed turning to the both sides of the air outlet to allow the air distribution in every four corners of the panel. Consequently, the sophisticated and outstandingly comfortable airconditioned environment without temperature irregularity is provided. The Shutter function is newly adopted to conceal the air outlet with the louvers when the operation is stopped. The louvers cover the air outlet horizontally with providing the neat appearance.







Simplified Panel Wiring

The panel wiring connector is shifted to the air inlet grille inside. No need to open the electrical box cover for panel wiring work.

Model	11	RCI-1.0FSN2	RCI-1.5FSN2	RCI-2.0FSN2	RCI-2.5FSN2	RCI-3.0FSN2	RCI-4.0FSN2	RCI-5.0FSN2	
Indoor Unit Power Suppl	у			AC 1 d.	220-240V / 50Hz, 220		1101 1101 0110	THE STREET	
Nominal Cooling Capacity	kW kcel/h Btu/h	2.9 2,500 9,900	4.1 3.550 14.100	5.8 5,000 19,800	7.3 8,300 25,000	8.3 7,100 28.200	11.6 10,000 39,700	14.5 12,500 49.600	
Nominal Cooling Capacity 12	kW kcal/h Btu/h	2.8 2,400 9,600	4.0 3,400 13,600	5.6 4,800 19,100	7.1 6,100 24,200	8.0 6,900 27,300	11.2 9,600 38.200	14.0 12,000 47,800	
Nominal Heating Capacity	kW kcal/h Btu/h	3.2 2,800 10,900	4.8 4.100 16,400	6.3 5,400 21,500	8.5 7,300 29,000	9.0 7,700 30,700	12.5 10,700 42,600	16.0 13,800 54,600	
Sound Pressure Level (Overall A Scale)	dB		30-28-27		32-3	0-28	38-35-33	39-37-35	
Dimensions HxWxD	mm		243 x 8	40 x 840			298 × 840 × 840		
Net Weight	kg		23	2	4	26		29	
Retrigerant				R410A / R407C / R22 (Nitrogen-Charged for	Corrosion-Resistance			
Air Flow Rate Hi/Me/Lo	m³/min. (cfm)	13/12/11 (459/424/383)	15/13.5/12 (530/477/424)	16/14/12 (565/494/424)	20/17/15 (706/600/530)	21/18/15 (741/635/530)	32/28/24 (1,130/989/947)	34/29/25 (1,201/1,024/383	
Motor	W			56			124		
Connections			0.0000000000000000000000000000000000000		Connection (With Fla	re Nuts)			
Liquid / Gas	mm	≠63	5/≠12.7	\$ 6.35 / \$15.88		/ ø 15.88	ø 9.53	/ φ 15.88·3)	
Condensate Drain					VP25				
Approximate Packing Measurement	m ³		0.	22			0	.26	
Adaptable Panel Model					P-N23WA				
Color					Silky White				
Dimensions HxWxD	mm				37 x 950 x 950		meters III and	The Later of the L	
Net Weight	kg				6				
Approximate Packing Measurement	rm ³				0.09		1000		

1. The nominal cooling capacity is the combined capacity of the HITACHI standard split system, and is based on the JIS standard 88s16 **Ceoling Operation Conditions**

Indoor Air Inlet Temperature: 27'C DB (80'F DB)

19.5°C WB (67°F WB) *2) 19.0°C WB (66.2°F WB) Outdoor Air Inlet Temperature: 35°C DB (95°F DB) 2. The sound pressure level is based on following conditions

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) Piping Length: 7.5 Meters Piping Lift: 0 Meter

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

3 "3) In case of using R497C or R22, use the accessory adaptor and #19.05 piping.

Downsizing and weight reduction simplify handling for easier renewal

The length of the 3.0HP type is shortened from 1,320 mm to 860 mm, the height is also shortened, and the volume is reduced by about 50%. The reduced weight of 30 kg also makes handling much easier.

Low-profile design allows installation in a small space inside of ceiling

A compact turbo fan simplifies the structure and reduces the height to 298 mm, for easy installation,

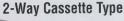


Top-class noise control thanks to compact turbo fan

The three-dimensional twisted wings of the compact turbo fan greatly reduce noise, and electromagnetic disturbance is minimized by PWM (Pulse Width Modulation) control.

Speed-up tap ensures comfortable air conditioning even when installed as in the high ceiling

Even rooms with a high ceiling can be comfortably air-conditioned by setting the speed-up tap with the remote controll switch.







General Data								
Model	1000	RCD-1.0FSN2	RCD-1.5FSN2	RCD-2.0F\$N2	RCD-2.5FSN2	RCD-3.0FSN2	RCD-4.0FSNZ	RCD-5.0FSN2
Indoor Unit Power Suppl	у				220-240V / 50Hz, 220		11.6	
Nominal Cooling Capacity *1)	kcal/h Btu/h	2.9 2.500 9,900	4.1 3,550 14,100	5.8 5,000 19.800	7.3 6,300 25,000	6,300 7,100 25,000 28,200		14.5 12,500 49,600
Nominal Cooling Capacity *2)	kW kcal/h Blu/h	2.8 2,400 9,600	4.0 3,400 13,600	5.6 4,800 19,100	7.1 6.100 24,200	8.0 6,900 27,300	11.2 9,600 38,200	14.0 12,000 47,800
Nominal Heating Capacity	kW kcal/h Btu/h	3.2 2,800 10,900	4.8 4,100 16,400	6.3 5,400 21,500	8.5 7.300 29,000	9.0 7,700 30,700	12.5 10.700 42,600	16.0 13.800 54,600
Sound Pressure Level (Overall A Scale)	dB	34-32-30	30 35-32-30 38-34-31		40-36-33	43-40-36		
Dimensions H×W×D	mm	298 x 860 x 620					298 x 1,420 x 620	
Net Weight	kg		27			30 48		
Refrigerant	1000			R410A / R407C / R22	Nitrogen-Charged for I	Correcion-Resistance)		-
Air Flow Rate Hi/Me/Lo	m³/min. (cfm)	10/9/8 (353/318/282)	13/11/9 (459/388/318)	15/13/11 (530/459/388)	19/1 (671/58		29/24/21 (1,024/847/742)	34/29/25 (1,201/1,024/883
Motor	W		35		5		35×2	55 x 2
Connections Liquid / Gas	mm	ø 6.35	/ # 12.7	Flare-N ≠ 6.35 / ≠ 15.88	\$ 9.53 /	Connection (With Flare Nuts) φ 9.53 / φ 15.88 φ 9		
Condensate Drain					VP25			
Approximate Packing Measurement	m ³			0.23			100	37
Adaptable Panel Model				P-N23DWA			P-N4	6DWA
Color					Silky White			- 13/1/2
Dimensions HxWxD	mm	30 x 1,100 x 710						660 x 710
Net Weight	kg	ALC: No.		6				8
Approximate Packing Measurement	m ³			0.10			0	.15

1. The nominal cooling capacity is the combined capacity of the HITACHI standard split system, and is based on the JIS standard E8616.

Heating Operation Conditions **Cooling Operation Conditions** 27°C DB (80°F DB) 20°C DB (68°F DB) Indoor Air Inlet Temperature: 7°C DB (45°F DB) 6°C WB (43°F WB) 19.5°C WB (67°F WB) Outcoor Air Inlet Temperature: 19.0°C WB (66.2°F WB) Piping Lift: 0 Meter Piping Length: 7.5 Meters Outdoor Air Inlet Temperature: 35°C DB (95°F DB)

2. The sound pressure level is based on following conditions. 1.5 Meters Beneath the Unit. Voltage of the power source for the indoor fan motor is 220V. In case of the power source of 240V.

3) In case of using R407C or R22, use the accessory adaptor and

19.05 p ping.

In-the-ceiling Type

Silent Operation and Low Height Design for Limited Space Inside of the Ceiling





Broader range of external static pressure. Flexibly supports a wide range of installation conditions at site, e.g. longer ducts

In addition to the standard Hi-Me-Lo, the speed-up tap can be set by remote control. Available for external static pressure of up to 80 Pa for 0.8-2.5 HP and 170 Pa for 3-5 HP.

Space-saving Design

Less than 270 mm in height, this unit can be fit into practically any previously existing false ceiling or formerly ducted space without substantial modification (0.8-2.5HP).



3.0HP model downsized

The width is 250mm Slimmer and the weight 9kg lighter than the current model, thus delivery and installation is easier.



General Data											
Model	150	RPI-0.8FSN2	RPI-1.0FSN2	RPI-1.5FSN2	RPI-2.0FSN2	RPI-2.5FSN2	RPI-3.0FSN2	RPI-4.0FSN2	RPI-5.0FSN2	RPI-SFSN	RPI-10FSN
Indoor Unit Power Supp	oly			AC	1 ≠ , 220-240V	i φ , 220-240V / 50Hz, 220V / 60Hz				AC 3 ¢ 4W, 380-415V / 50Hz, 380V / 60Hz	
Nominal Cooling Capacity 1)	kW kcath Btu/h	2.3 2,000 7,900	2,9 2,500 9,900	4.1 3,550 14,100	5.8 5,000 19,800	7.3 6,300 25,000	8.3 7.100 28.200	11.6 10,000 39,700	14.5 12,500 49,600	23.3 20,000 79.400	29.1 25,000 99,200
Nominal Cooling Capacity '2)	kW kcal/h 8tu/h	2.2 1,900 7,500	2.8 2,400 9,600	4.0 3,400 13,600	5.6 4,800 19,100	7.1 6,100 24,200	8.0 8,900 27,300	11.2 9,600 38,200	14.0 12,000 47,800	22.4 19,300 76,400	28.0 24.100 95.500
Nominal Heating Capacity	kW kcal/h Btu/h	2.5 2,100 8,500	3.2 2,800 10,900	4.8 4,100 16,400	6.3 5,400 21,500	8.5 7,300 29,000	9.0 7,700 30,700	12.5 10,700 42,600	16.0 13,800 54,600	25.0 21,500 85.300	31.5 27.100 107.500
Sound Pressure Level (Overall A Scale)	dB		35-3	3-31		36-34-32	42-39-35	43-40-36	44-41-37	45(42)*	52(50)*
Dimensions H×W×D	mm		270 x (650+75) x 720		270 x (9 x 7		350 x (650+75) x 800	350 x (900+75) x 800	350 x (1,300+75) x 800	470 ×	1,250
Net Weight	kg		26		35 37		46 58		100		
Refrigerant				B	410A / R407C / I	0A / R407C / R22 (Nitrogen-Charged for Corrosion-Resistance)					
Air Flow Rate Hi:Me/Lo	m ³ /min. (cfm)	(283/2	7/6 47/212)	13/11/9 (459/388/318)	15/13/11 (530/459/388)	16/14/12 (565/494/424)	19/17/14 (671/600/494)	27/23/19 (954/812/671)	37/31/25 (1,306/1,095/883)	58 (58)* (2,043 (2,048)*)	72 (72)* (2.542 (2.542)*
External Pressure				50 (80-30)*3)				120 (170-60)*3		220 (110)* / 260 (130)* *4)	
Motor	W		60		7	5	150	25	90	760 (510)*	1.080 (810)*
Connections Liquid	mm		≠ 6.35		Flar ≠ 6.35		on (With Flare N 9.53		3.53	Brazing (onnection \$\phi 9.53^4)
Gas	mm		≠12.7		≠ 15.88	¥1	5.88	ø 18	5.88*5)	≠ 19.05°7)	\$ 22.2*8)
Condensate Drain					100000	VF	25				
Approximate Packing Measurement	m ³		0.21		0.0	27	0.29	0.38	0.52	1.06	1.06

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

27°C DB (80°F DB) 19.5°C WB (67°F WB) 19.0°C WB (66.2°F WB) **Heating Operation Conditions** Indoor Air inlet Temperature: Outdoor Air Inlet Temperature:

20°C DB (68°F DB) 7°C DB (45°F DB) 6°C WB (43°F WB) Piping Lift: 0 Meter

Outdoor Air Inle: Temperature: 35°C DB (95°F DB) Piping Length: 7.5 Meters 2. The sound pressure level is based on following conditions. 1.5 Meter Bensuth the Unit. With Discharge Duct (2.9m) and Return Duct (1.0m).

0.8-5.0FSN2; 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 2d8. 8 and 10FSN: Voltage of the power source for the indoor fan motor is 380V. In case of the power source of 415V, the sound pressure level increases by about 2d8. The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

3. The values with ()* of sound pressure level, air flow rate, external pressure and motor output indicate the values incase of external pressure setting at 110Pa (130Pa for 410V). 4. The data for external pressure "3) indicates "Standard Pressure Setting (High Pressure Setting - Low Pressure Setting)" values when a filter is not used.

The data for external pressure "4) indicates the values when a filter is not used. 5.75 In case of using R407C or R22, use the accessory reducer and \$19.05 piping. 16) In case of using R407C or R22, use the accessory reducer and \$25.4 piping. 16) in case of using R407C or R22, use the accessory reducer and \$25.4 piping. 16) in case of using R407C or R22, use the accessory reducer and \$25.6 piping.

Amenity improved by auto-louver at air opening

The round, lower part of the air opening complements the gentle. gulet operation. The auto-louver in the upper part of the opening automatically controls upward and downward motion of air flow. while the grille serves as a shutter when stopped.









Simple Installation and Maintenance

- . Installation time is much shorter, "By 30% (Hitachi's comparison)
- . A long-life filter (mildew-proof) is fitted as standard. No maintenance is required for about 2,500 hours of operation. *For ordinary offices

Noise and vibration drastically reduced by our original design

The large fan and improved resistance of the air-flow path lower the r.p.m. of the blower, thus reducing noise and vibration.





Heat Exchanger

Each part of the system is fully functional

The wireless light receiver kit (option) can be installed easily through the hole in the lower cover.



Quiet Operation. Easy Installation and Space-Saving Slim Design



General Data							
Model		RPC-2.0FSN2	RPC-2.5FSN2	RPC-3.0FSN2	RPC-4.0FSN2	RPC-5.0FSN2	
Indoor Unit Power Suppl	ly			1 \$, 220-240V / 50Hz, 220V /	60Hz		
Nominal Cooling Capacity *()	kW kcal/h Btu/h	5.8 5.000 19,800	7.3 6,300 25,000	6,300 7,100		14.5 12,500 49,600	
Neminal Cooling Copacity 12)	kW kcal/h Btu/h	5.6 4.800 19,100	7.1 6.100 24,200	8.0 6,900 27,300	11.2 9,600 38,200	14.0 12,000 47,300	
Nominal Heating Capacity	kW kcal/h Btu/h	6.3 5.400 21,500	8.5 7,300 29,000	9.0 7,700 30,700	12.5 10,700 42,600	16.0 13,800 54,500	
Sound Pressure Level (Overall A Scale)	dB		40-37-34		44-41-38		
Cabinet Color				Silky White			
Dimensions H x W x D	mm	210 x 1,100 x 670	210 x 1,	320 x 670	270 x 1,320 x 670	270 x 1,580 x 670	
Net Weight	kg	26		0	34 42		
Retrigerant			R410A / R407C /	R22 (Nitrogen-Charged for Cor	rosion-Resistance)		
Air Flow Rate Hi/Mc/Lo	m³/min. (cfm)	14/12/10 (494/424/353)		5/12 30/424)	25/21/18 (883/742/636)	33/28/23 (1,165/989/812)	
Motor	W	35		0	95	135	
Connections Liquid / Gas	mm	≠6.35/≠15.83		e-Not Connection (With Flare I		¢ 15.88°0)	
Condensate Drain				VP20			
Approximate Packing Measurement	m ³	0.30	0	36	0.43	0.50	
Standard Accessories				Mounting Bracket	The second second second	Manufacture - In	

NOTES:

1. The nominal cooling capacity is the combined capacity of the HITACHI standard split system, and is based on the JIS standard 88616. 27°C DB (80°F DB) 20°C DB (68°F DB) 19.5°C WB (67°F WB) Outdoor Air Inlet Temperature: 7'C DB (45'F DB)

19.0°C WB (66.2°F WB) 6°C WB (43°F WB) Outdoor Air Inlet Temperature: 35°C DB (95°F DB) Piping Length: 7.5 Meters Fiping Lift; D Meter

2. The sound pressure level is based on following conditions. 1 Meter Beneath the Unit and 1 Meter from Discharge Grille. The sound pressure level is bared on coroning collaboration. I when becaute the call, and is released to the collaboration of the power sound to fail the indoor fail motor is 250V, in case of the power sounds of 240V, the sound pressure level increases by about 16B.

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

3. *3) In case of using R407C or R22, use the accessory adaptor and ≠ 19.05 piping.

Wall Type





User Friendly

Easy switching from wireless to wired remote controller by Dip Switch built-in the receiver part. All alamm code is displayed when using wireless remote controller by combining the flashing times of "Timer", "Filter/Defrosting", (All models)

Top-Class Compact and Light Weight Design

More Choice to select the installation place thanks to the reduction of wideness in 2.5, 3.0 and 4.0HP





RPK-1.0FSNSH2
RPK-1.5FSNSH2 (Built-to-order)

Reducing Noise by Adopting Distinctive Technology

You can select the new lineup of indoor unit wall type without expansion valve and electronic expansion valve kit according to your preference. The continuous refrigerant running noise from the indoor unit can be reduced by installing the expansion valve away from the living room such as in a false ceiling of the hallway.

General Data							
Model		RPK-1.0F\$N\$M2	RPK-1.5FSNSM2	RPK-2.0FSNSM2	RPK-2.5FSNSM2	RPK-3.0FSNSM2	RPK-4.0FSNSM
Indoor Unit Power Suppl	y			AC 1 \(\phi\), 220-240V	/ 50Hz, 220V / 60Hz		
Nominal Cooling Capacity	kW kcal/h Btu/h	2.9 2.500 9.900	2,500 3,550 5,000 6,300 9,900 14,100 19,300 25,000		8.3 7,100 28,200	11.6 10,000 39,700	
Nominal Cooling Capacity -2	kW kcal/h Btu/h	2.8 2,400 9,600	4.0 3,400 13,600	5.6 4,800 19,100	7.1 6,100 24,200	8.0 6,900 27,300	11.2 9,600 38,200
Nominal Heating Capacity	kW kcal/h Btu/h	3.2 2,800 10,900	4.8 4,100 16,400	6.3 5,400 21,500	8.5 7,300 29,000	9.0 7,700 30,700	12.5 10,700 42,600
Sound Pressure Level (Overall A Scale)	dB	38-36-34	40-38-36	41-39-37	43-4	10-37	49-46-43
Cabinet Color				W	hite		
Dimensions H×W×D	mm	280 x 77	80 x 210	295 x 1,030 x 208		333 x 1,150 x 245	
Net Weight	kg	1	0	12 18			
Retrigerant			R410	0A / R407C / R22 (Nitrogen-C	Charged for Corresion-Res	istance)	
Air Flow Rate Hi/Me/Lo	m ² /min. (cfm)	10/8/7 (353/283/247)	11/10/9 (388/353/318)	14/12/10 (494/424/353)		65/14 65/494)	22/20/17 (777/706/600)
Motor	- W	2	0		1	10	
Connections Liquid / Gas	mm	Flare-Nut Connection (With Flare Nuts) #6.35 / #12.7					
Condensate Drain				VP	16		
Approximate Packing Measurement	m ³	0.07 0.11 0.13					
Standard Accessories		and the same of the same		Wall Mount	ting Bracket		

NOTES:

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

| Colling Operation Conditions | 27°C D8 80°T D8| | Healing Operation Conditions | 100°C AF Inlet Temperature: 20°C D8 80°T D8| | 100°C AF Inlet Temperature: 20°C D8 80°T D8| | 100°C AF Inlet Temperature: 20°C D8 (85°T B8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8) | 100°C AF Inlet Temperature: 20°C D8 (85°T D8)

The sound pressure level is based on the following conditions measure 1 Meter Beneath the Unit and 1 Meter from Injet Grille.

The above data was measured in an anechoic chamber so that reflected sound should be taken into conside 3. *3) The retrigerant piping size may be required to change depending on the autdoor unit to be connected.

If \$12.7 pipe is used at the gas side, remove the flare adaptor at the indoor unit gas piping. Then attach the flare rist (accessory) for pipe connection.

Floor Type

Space-saving slim unit, only 220 mm in depth.

Slim line design only 220 mm in depth, allowing it to be installed without spoiling the style or beauty of the room.

Effective Use of Space by Window

With a height of 630 mm, may be installed by a window leaving plenty of window space. Best installed in a perimeter zone.

Floor Concealed Type

Compact Design for Limited Space Inside of Perimeter Wall



So compact that it fits into even a tiny space.

Special emphasis placed on interior design compatibility as well as space saving design, allowing it to fit perfectly into the space below a bay window.





General Data				Flore Cone	soled Tone	
Model		Floor	Туре	Floor Concealed Type		
		RPF-1.0FSN2E	RPF-1.5FSN2E	RPFI-1.0FSN2E	RPFI-1.5FSN2E	
Indoor Unit Power Suppl	1		AC 1 ø , 220-240V /			
	kW	2.9	4.1	2.9	4.1	
Nominal Cooling	keal/h	2.500	3,550	2,500	3,550	
Capacity '1)	Btu/h	9.900	14,100	9,900	14,100	
vi establicani	kW	2.8	4.0	2.8	4.0	
Nominal Cooling	keal/h	2,400	3,400	2,400	3,400	
Capacity (2)	Btu/h	9,600	13,600	9,600	13,600	
	kW	3.2	4.8	3.2	4.8	
Nominal Heating	kcal/h	2.800	4,100	2,800	4,100	
Capacity	Btu/h	10.900	16,400	10,900	16,400	
Sound Pressure Level				35-32-29	38-35-31	
(Overall A Scale)	dB	35-32-29	38-35-31	35-32-28	30-30-31	
Cabinet Color		Spring			7.0	
Dimensions H x W x D	mm	630 x 1,045 x 220	630 x 1,170 x 220	620 x 348 x 220	620 x 973 x 220	
Net Weight	ko	25	28	19	23	
Retrigerant			R410A / R407C / R22 (Nitrogen-C			
	ru ³ /min.	8.5/7/6	12/10/9	8.5/7/6	12/10/9	
Air Flow Rate Hi/Me/Lo	(cfm)	(300/247/212)	(424/353/318)	(300/247/212)	(424/353/318)	
Motor	W	20	28	20	28	
Connections			Flare-Nut Connection			
Liquid / Gas	mm		φ 6.35			
Condensate Drain			18.	5 00	200	
Approximate Packing Measurement	m ³	0.26	0.29	0.20	0.23	

NOTES:

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

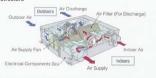
Cooling Operation Conditions 20°C DB (68°F DB) 27°C DB (80°F DB) Indoor Air Inlet Temperature: 7°C DB (45°F DB) 19.5°C WB (67°F WB) Outdoor Air Inlet Temperature: 6°C WB (43°F WB) 19.0°C WB (66.2°F WB) Piping Lift: 0 Meter Piping Length: 7.5 Meters Cutdoor Air Inlet Temperature: 35°C DB (95°F DB)

The sound pressure level is based on following conditions. The source present levels as custom in recommendation. The Floor Concealed Type: 1.5 Meters from the Unit and 1.5 Meters from the Floor Level. Floor Concealed Type: 1.5 Meters from the Unit and 1.5 Meters from the Floor Level. The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

Total Heat Exchanger

Provides a Comfortable
Environment by Control
Interlocking with Air Conditioning Units

Structure



Controllable Using the Remote Control Switch for The Air Conditioning Unit

Can be controlled in various ways using the remote control switch for the air conditioning unit (PC-AR).

Automatic Selection of Most Suitable Ventilation Mode

Depending on temperature conditions both outdoors and indoors, the most suitable ventilation mode is automatically selected, helping to save energy.

Fixed Type Heat Exchanging Element

- The newly-developed fixed type heat exchanging element with high temperature exchange efficiency equivalent to the rotor type element, has been adopted for the new total heat exchangers (Temp. Exchange Efficiency: 77% [in case of 500m²/h type unit]).
 Additionaly, reliability is increased due to reduction of moving carts.
- Low weight with Simple Unit Structure: 33kg (in case of 500m³/h type unit)







Central Station (PSC-5S, PSC-A64S)
 Remote Control Switch (PC-AR)









Able to control up to 128 Indoor Units consist of 16 refrigeration series

- . Interface and Software by PSC-6WTX (* PCs shall be supplied at site)
- . Remote Control Switch (PC-AR)

General Data									
Model		KPI-2521	KPI-5021	KPI-8021	KPI-10021				
Indoor Unit Power Supp	ply			AC 1ø, 220-240V / 50Hz, 220V / 60Hz					
Air Flow Rate		m½h	250/250/165	500/500/350	800/900/670	1,003/1,000/870			
High/Med/Low	60Hz	m½n	250/250/150	500/500/300	800/300/660	1,003/1,000/720			
External Pressure	50Hz	Pa	65/40/20	150/60/30	140/100/70	160/100/80			
High/Med/Low	60Hz	Pa	103/50/20	200/60/20	230/120/80	200/110/60			
Sound Pressure Level (Overall A Scale) at 1.5m from the unit	50Hz	dB	26.5-27.5/25-26/21-22	32.5-33.5/30-31/23.5-24.5	33.5-34.5/32-33/30-31	36-37/34-35/31.5-32.5			
sinder 12) 13) High/Med/Low	60Hz	dB	28.5/25.5/21	32.5/23.5/23	35/31/29	36/34/30			
Dimensions H×W×D		mm	275 x 735 x 780	317 x 1,016 x 888	398 x 1,004 x 1,164	398 x 1.231 x 1.164			
Net Weight		kg	21	33	61	72			
Approximate Packing Measurement		m ³	0.26	0.46	0.70	0.84			

NOTES:

^{*1.} Use it under the following conditions. KPI-8021: 29Ps or more,

KPI-10021: 49Pa or more

^{*2.} The sound pressure level is based on following conditions.

 5 Mater beneath the unit and this data was measured in an anechoic chamber so
that reflected sound should be taken into consideration in the field.

^{*3.} The sound pressure level is based on the total heat exchange mode. In case of the bypass verifiation mode, the sound pressure level is incrased by approximately 1dB(A).

Optional Parts

Indoor Units

4-Way Cassette Type

HP	1.0 ~ 2.5	3.0 - 5.0	
Air Panel	P-N2	3WA	
Receiver Kit for Wireless Control	PC-ALH		
3-Way Outlet Parts Set	PI-2	3LS5	
Kit for Deodorant Filter			
Deodorant Filter	F-23L4-D	F-46L4-D	
Filter Box	B-2	3H4	
Antibacterial Long-life Filter	F-23L4-KS	F-23L4-K	
Fresh Air Intake Kit *1	OAC	1-232	
T-Pipe Connection Kit *2	TKCI-232		
Duct Adapter *3	PD-78	5 (475)	

2-Way Cassette Type

HP	1.0 ~ 3.0	4.0 and 5.0
Air Panel	P-N23DWA	P-N46DWA
Receiver Kit for Wireless Control	PC-	ALHD
Kit for Deodorant Filter Deodorant Filter Filter Box	F-23LD4-D B-23HD4	F-46LD4-D B-46HD4
Antibacterial Long-life Filter	F-23LD4-K	F-46LD4-K
Fresh Air Intake Kit *1	0ACID-231	DACID-461
Box Connection Kit *4	TBI	CID-1

In-the-ceiling Type

HP	0.8 ~ 1.5	2.0 and 2.5	3.0	4.0	5.0	8 and 10
Long-Life Filter Kit Long-Life Filter	F-15LI3C	F-23LI3C	F-23L13	F-34L13	F-46LI3	-
Filter Box	B-15MI3C	B-23MI3C	B-23MI3	B-34MI3	B-46MI3	-
Drain-up Mechanism Kit	Standard	DUPI-132C	DUPI-162			DU-M280PIS
Receiver Kit for Wireless Control			PC-ALHZ			

Floor and Ceiling Types

	RPF(I)	RPC
HP	1.0 and 1.5	2.0 ~ 5.0
Receiver Kit for Wireless Control	PC-ALHZ	PC-ALHP

NOTES:

*1. It is necessary to use the Fresh Air Intake Kit to connect the fresh air intake duct to the unit.

*2. Used when two air intakes (\$100 x 2) of the Fresh Air Intake Kit are changed to one air intake (\$150 x 1).
3. Used when fresh air intake (\$150 x 1).
*4. Used when fresh air intake duct are connected to the indoor unit, directly,
*4. Used when both of the Fresh Air Intake Rtt and Filter Box are used.

Multi-kits

Applicable Or	utdoor Unit	RAS-8FSN2 RAS-10FSN2	RAS-12FSN2 RAS-14FSN2 RAS-16FSN2	RAS-18FSN2 RAS-20FSN2 RAS-22FSN2 RAS-24FSN2	RAS-26FSN2 RAS-28FSN2 RAS-30FSN2 RAS-32FSN2	RAS-34FSN2 RAS-36FSN2 RAS-38FSN2 RAS-40FSN2	RAS-42FSN2 RAS-44FSN2 RAS-46FSN2 RAS-48FSN2		
	First Branch					MW-302AN			
Line Branch	First Branch or Last Branch	MW-102AN	MW-162AN	MW-242AN					
Header Branch	4 Distributions			MH-84AN	for 5~8 HP				
(First Branch, Last Branch)	8 Distributions		MH-108AN for 5~10 HP						

Control System

ontrol Syst		RCI- FSN2	RCD- FSN2	RPI- FSN(2)	RPC- FSN2	RPK- FSNSM2	RPF(I)- FSN2E	KPI
Remote Control Switch	PC-AR*1 (Without cable)	0	0		0	0		0
Wireless Remote Control Switch	PC-LH3A	0	0	0	0	0	0	×
Half-size Remote Control Switch	PC-ARH*2	0	0		0	0	0	×
7-Day Timer	PSC-A1T*3	0						×
Central Station	PSC-5S, PSC-A64S*4	0				. 0	0	
Centralized ON/OFF Controller	PSC-A16RS	0	0	•		0	0	
Remote Control Cable	PRC-5K,10K,15Kfor PC-AR	0				0	0	
3P Connector Cable	PCC-1A			0			0	
Remote Sensor	THM-R2A	0				×	0	×
P/C Network System CS-NET	PSC-6WTX	0		0			0	×

.....

NOTES:

*1. As the PC-AR does not include a remote control cable, prepare one in the field, or use PRC-5K, 10K, or 15K.

*2. Make sure that it is used with PC-AR or

CS-NET.

*3. Scheduled operation is possible by using in combination with Central Station. Remote Control Switch and Centralized ON/OFF

*4. Supply 220V or 240V.

: Applicable: Not Applicable

Network Systems

H-LINK · · ·

Hitachi's proprietary high-performance transmission system for connecting control wires between indoor and outdoor units, and between a centralized control system and indoor/outdoor units, across two or more refrigerant systems.

Flexible Wiring Routes

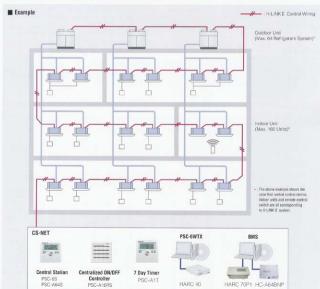
Absolutely no restrictions on the order of wiring, the wiring route and the number of branches. Simply connect to the adjacent units or the terminal block of a centralized control system.

■ Regardless of Multi-Split System for Buildings or Packaged System for Commercial Use

By providing a common control function and wiring method, a multi-split air conditioning system for buildings and a packaged air conditioning system for commercial use are simultaneously used in the same system, and so are the EHP and GHP air conditioning systems. Just connect all the systems with twin core cables by crossover connection. Adapters or other appliances are not required.

H-LINK II

The H-LIMK transmission system for connection between outdoor and indoor units provides an extended system configuration and improved functions without sacrificing workability and the flexibility.



Compare with H-LINK System

Item	H-LINK	H-LINK II
Max.Number of Refrigerant Group / System	16	64
Address Setting Range of Indoor Units / Refrigerant Group	0 to 15	0 to 63
Max. Number of Indoor Unit / System	128	160
Total Munber of Devices in the same H-LINK	145	200
Max. Wiring Length	Total 1,000m (5,000m)*	

^{* :} In case 4 units of PSC-5HR are used.

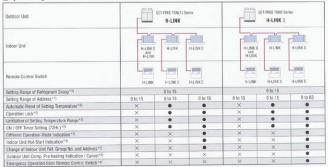
Mixture of H-LINK and H-LINK II

H-LINK II corresponding models can be mixed with H-LINK corresponding models in the same system without any adaptor.

	Outdoor Unit	1 H-LINK (II) System			
Control System Device	Indeor Unit	Outdoor Units (Number of Ref. Groups)	Indoor Units		
H-LINK II	H-LINK II	64	160		
H-LINK II	H-LINK II / H-LINK Mixed	64*	128		
	H-LINK II	16	128		
H-LINK	H-LINK II / H-LINK Mixed	16	128		

^{* :} A maximum 16 refrigerant groups can be connected in 1 H-LINK system under the following conditions

■ System Configuration



^{+1):} The range of ref. group setting and address setting is 0 to 15 when H-LINK corresponding central controller is used.

[·] Outdoor unit corresponding to H-LINK

[·] Outdoor unit corresponding to H-LINK II connected with the indoor unit corresponding to H-LINK More than 17 indoor units are available to connect with the 1 outdoor unit depending on the outdoor unit capacity. In that case, 2 ref. groups are required for 1 outdoor unit.

^{-2):} These functions can be set by wired remote control switch (PC-AR) only

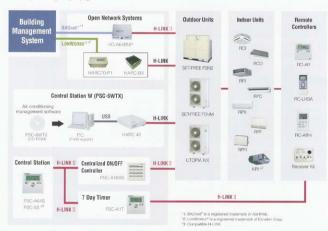
^{-3):} These functions can be set by wired remote control switch (PC-AR) and half size remote centrol switch (PC-ARH) only.

^{+4):} This function is not available depending on the outdoor unit type.

Network Systems

CS-NFT

CS-MET is Hitach's computer control network system for the SET-FREE FS series, SET-FREE FSNM and UTOPIA ranges. The flexibility of the SET-FREE system allows the internal data to be easily accessed and controlled by the user, with features including temperature, mode and fan speed setting and crouping.



Interface (Option)

You can select the air conditioner control interface depending on your needs to create a comfortable space.



HC-A64BNP (for BACnet®)



Connecting the HC-A64BNP to an H-LINK (communication line between machines) allows the use of up to 8 retrigerant cycles and control of up to 64 indoor units. Up to eight HC-A64BNP can be connected to the same H-LINK.

Connection Method to Upper System	Connection by IEEE802.3 Compliance (100BASE-TX/10BASE-T) to BACnet® Netwo			
Quantity of Connection	Up to 64 Indoor Units per BACnet [®] Adaptor			
Control liem at Upper System	RUN/STOP Operation Mode Setting Temperature Setting Fan Speed Setting	Available / Not Available for Operation by Remote control Switch Filter Sign Reset		
Monitiring Item at Upper System	RUN/STOP State Notification Alarm Signal Notification Operation Mode State Notification Fan Speed State Notification	Indoor Suction Temperature Notification Alarm Code Notification Communication Abnormality Notification Filter Sign		

HARC70-P1 (for LONWORKS®)



By using the HARC70-P1 adapter for LOWORKS® to connect air conditioners to the total building control system, air conditioners can be centrally controlled.

Connection Method to Upper System	 Connection by SNVT (Standard Network Variable Type) to LOWWORKS® Network 				
Quantity of Connection	8 Remote Control Groups (Max. 120 indoor Units)				
Control Item at Upper System	On/Off Order Operation Mode Setting	Temperature Setting All On/Off Order			
Monitiring Item at Upper System	On/Off State & Alarm Operation Mode State	Temperature Setting Individual Thermostal State			

HARC-BX (for LONWORKS")



A HARC-BX can connect to multiple H-LINK with H-LINK transmission terminal to 8 PCB.

Points for control and monitor have been increased to meet more points.
(Points for control and monitor is 8 times larger than HARC70P-1.)

You can select the number of controls, monitor, and what to control in the indoor unit from three choices (Standard, Option A and Option B) as needed.

HARC-BX E (Standard)

Connection Method to Upper System	Connection by SNVT (Standard Network Variable Type) to LONWORKS® Network		
Quantity of Connection	• 64 Indoor Units		
Control Item at Upper System	On/Off Order Operation Mode Setting	Temperature Setting All On/Off Order	
Monitiring Item at Upper System	On/Off State & Alarm Operation Mode State	Temperature Setting Individual Thermostat State	

HARC-BX F (Ontion A)

Connection Method to Upper System	Connection by SNVT (Standard Network Variable Type) to LONWORKS [®] Network		
Quantity of Connection	• 64 Indoor Units		
Control Item at Upper System	On/Off Order Operation Mode Setting Temperature Setting	All On/Off Order Fan Speed Setting R.C.Sw Permission/Prohibition	
Monitiring Item at Upper System	On/Off State & Alarm Inlet Air Temperature		

HARC-BX E (Option B)

HANG-BY E (OMINI	D)			
Connection Method to Upper System	Connection by SNVT (Standard Network Variable Type) to LowWORKS® Network			
Quantity of Connection	• 32 Indoor Units			
Control Hern at Upper System	On/Off Order Operation Mode Setting Temperature Setting	Fan Speed Setting R.C.Sw Permission /Prohibition	All On/Off Order Louver Position Setting	
Monitiring Item at Upper System	On/Off State & Alarm Operation Mode State Fan Speed Setting	Temperature Setting Louver Position Alarm Code	Inlet Air Temperature Outlet Air Temperature Outdoor Air Temperature	

Remote Controllers



Remote Control Switch PC-AR

the **H-LINK** I

The PC-AR has a design that matches the interior

- The new large LCD display permits users to see the operating conditions and settings.
- The timer can be set at half-hour intervals up to 72 hours.
- All the functions can be selected by remote control switches.
- The PC-AR monitors the operating conditions in the system and an alarm is issued if a problem occurs.
- A "self-diagnosis function" checks for problems on printed boards in indoor and outdoor units.
- Equipped with energy-saving functions such as a preset temperature range limiting function for preventing excessive cooling/heating and a preset temperature automatic reset function, as well as an operation locking mechanism and the capability to prevent users from forgetting to turn of the system.



Wireless Remote Control Switch Compatible with

- Compatible with the H-LINK II
- One-touch handy operation, no wiring work required.
- Two or more units can be operated simultaneously by remote control.
 - * Receiver kit is required.



Half-size Remote Control Switch

PC-ARH

compatible with the **H-LINK** II

- The main function of this easy-to-use remote control system is temperature setting.
- Operation modes can be switched over (when function selection setting is made).
- Suitable for facilities used by various people, such as hotels.
- "2 remote control" or "group control" (up to 16 max.) can be used.
- If a problem occurs, an alarm code immediately shows the details of the problem.



7 Day Timer PSC-A1T

Compatible with the H-LINK II

- By using with PSC-5S, PSC-A64S and PC-AR controllers, the air conditioners controlled by them can be operated according to a schedule.
- The timer can be set at 7-day intervals, and operation/stop can be set 3 times daily.
- Remote control can be prohibited in

 accordance with the OFF time (when used with PSC-5S, PSC-864S and PC-AR).
- Two types of weekly schedule (A and B) can be set, and can easily be changed for summer and winter.
- Settings are all digitally displayed, allowing operations and settings to be checked easily.
- The power failure backup function prevents the timer from being stopped by a power failure lasting up to 2 weeks.



Central Station

SC-A64S PSC-58

ompatible wi he **H-LINK** I

Up to 160 indoor units Up to 64 remote control groups Up to 128 indoor units

control groups

Up to 128 indoor units

- By connecting to the H-LINK, up to 64 remote control groups and 160 indoor units can be controlled. Up to 8 units can be connected to the H-LINK.
 - Il naddition to basic control, such as settings for operation/stop, the operation mode and temperature, the air quantify and auto louver can be set. If a problem occurs, an alarm code immediately shows the details of the problem.
- An external input terminal is provided as standard. External signals enable the following functions: central operation/stop, damand control, emergency stop, central operation output, and central alarm output.
- Can be used in combination with the One-touch Controller.



Centralized ON/OFF Controller

PSC-A16RS

Compatible with the **H-LINK** II

Up to 160 indoor units

Up to 16 remote control groups

- Only performs operation/stop control per remote control group.
- By connecting to the H-LINK, up to 16 remote control groups and 160 indoor units can be controlled. Up to 8 units can be connected to the H-LINK.
- An external input terminal is provided as standard. External signals enable the following functions: central operation/stop emergency stop central operation output
- central alarm output

 Can be used in combination with the Central Station.
- Make sure to use it with a remote control switch, Indoor units cannot be used without a remote control switch.
 There are restrictions on remote group registration. Please contact our sales staff for more information.

Project Name:	Consult	Consultant:		
Contractor:	Deliver	Delivery Date:		
System Layout:				







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