

HITACHI



Packaged Air Conditioning System



IVX – Japan Premium Model –

Stylish Design



Inconspicuous and Small



Stylish Remote Controllers*



PC-ARF

Press any of the operation buttons, and the backlight comes on to make the controller's screen easier to see.

The whole Power button lights up in green so the unit ON/OFF status can be recognized at a glance.



on

off

The controller now features a simple arrow button to facilitate the main control such as "Temperature setting," "Fan mode," "Fan speed," "Operation mode," etc. Just press arrow button and to choose the item to control.



PSC-A32MN

Just touch the screen

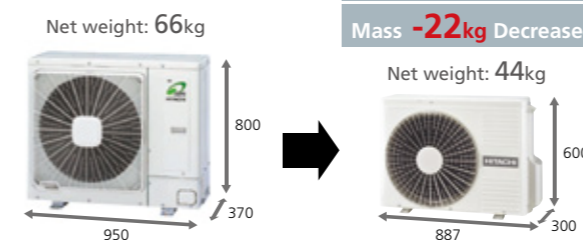
Most compact in our touch panel centralized controller. Its down-to-detail control functionalities, such as Weekly Scheduling, Accumulated Work Hours, etc., help you save energy. Up to 32 remote-controlled groups and up to 160 indoor units can be connected to the single air-conditioning system.

※ N series is not available.

Multiple indoor units can be connected to one outdoor unit, which is why fewer outdoor units are required. This helps to save more installation space and so increases flexibility in installation location. ※

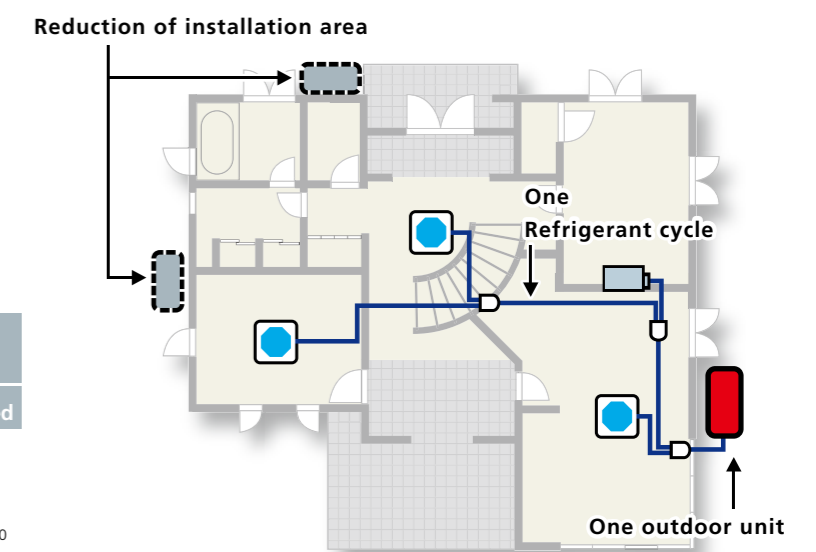
Lighter and smaller

Since it is lighter and smaller less installation space is required, making it easier to access the machine for installation and subsequent maintenance.



Current Model: RAS-3HVRNM2

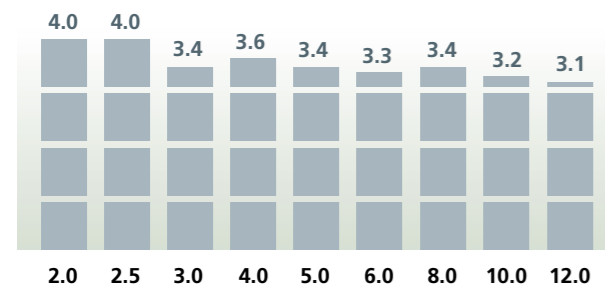
New Model: RAS-3HVMC



※ N series is not available.

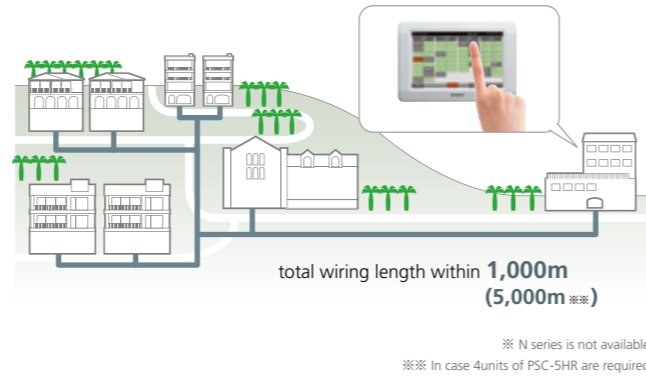
Energy Saving

TOP Class EER IVX series



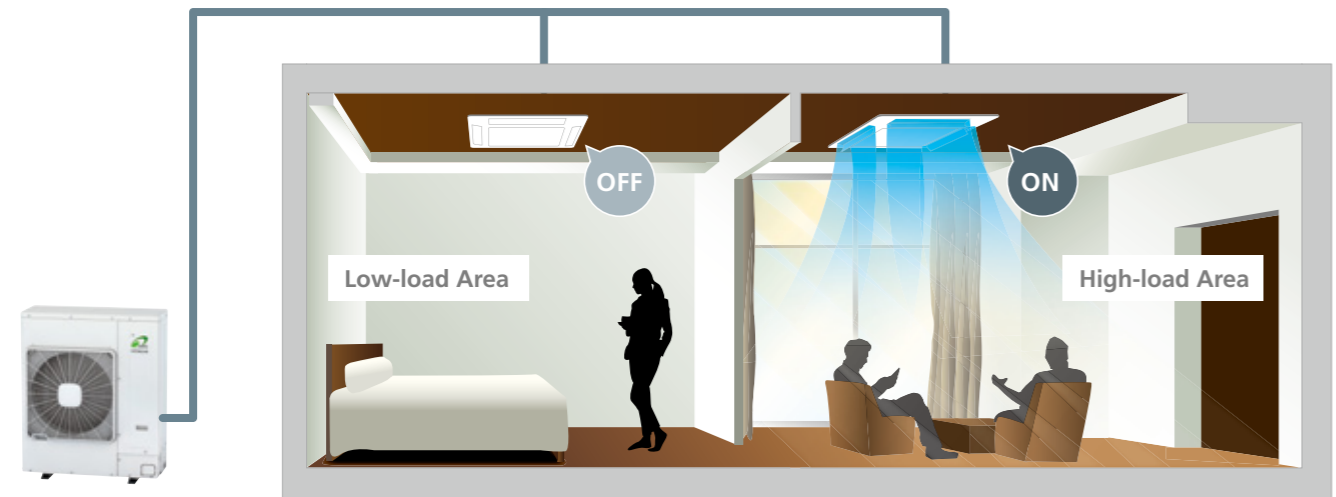
Easy central control IVX series SET FREE ※

EZ helps energy-saving in a more efficient way.



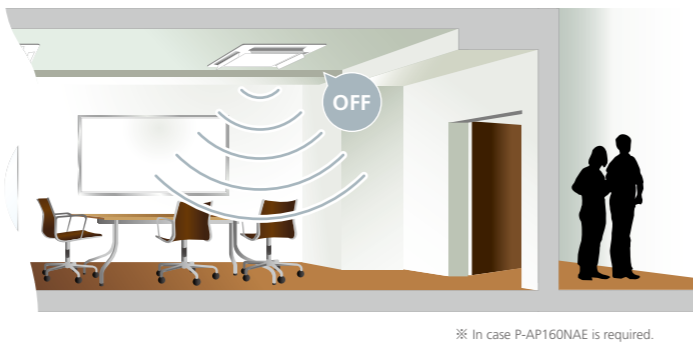
Individual Operation IVX series SET FREE ※

Individual operation makes it possible to keep one room/ multiple rooms comfortably and efficiently air-conditioned.



Motion sensor control (Optional) RCI-FSN3 RPC-FSN3 ※

The air conditioning capacity is saved automatically depending on a situation and detecting amount of human activity by adopting the motion sensor on the corner of the air panel. The energy-saving can be improved more with the individual operating function. In addition, the operation can be stopped automatically if the absent situation continues for more than 30 minutes. The motion sensor allows maintaining the comfortable indoor environment and eliminating the unnecessary operation.



Powerful and Silent



Air flow volume (4Way Cassette Type)

HP	RCI-FSN3	RCIM-FSN3	RCI-FSN1Q	RCI-FNQ
1.0	30/28/27	36/34/32	32/30/28	
1.3	-	-	32/30/28	
1.5	30/30/27	38/35/33	32/30/28	
1.8	-	-	32/30/28	
2.0	32/30/27	42/39/37	32/30/28	32/30/28
2.3	-	-	32/30/28	
2.5	36/32/28	-	32/30/28	32/30/28
3.0	36/32/28	-	34/32/30	32/30/28
3.3	-	-	34/32/30	
4.0	43/39/33	-	41/36/33	42/37/34
5.0	45/40/35	-	43/38/35	43/38/35
6.0	46/41/37	-	44/40/36	

(Hi/Me/Lo) (dB)

The air flow volume setting function "HIGH 2" is adopted to existing air flow volumes of "HIGH", "MED" and "LOW".

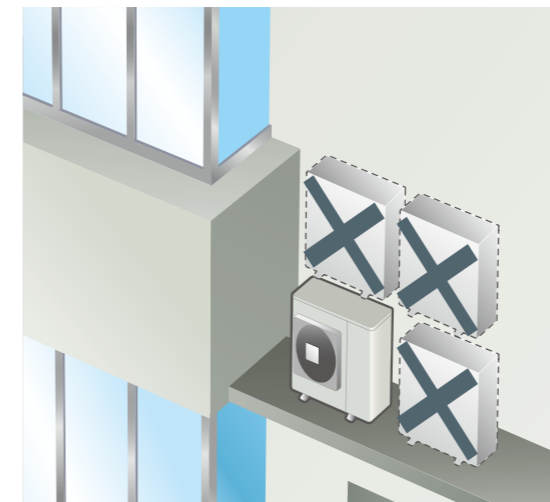
Max.
4.2m

Supported Ceiling Height
(In the case of 4 air flow directions)

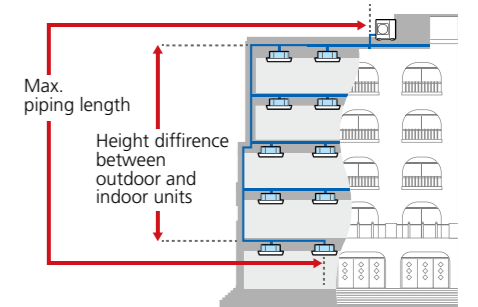
	Air Flow Volume Mode	1 to 3HP	4 and 5HP
Standard (00)	HIGH	2.7m	3.2m
High Speed Mode (C5)	HIGH 2	3.5m	4.2m

Installation Flexibility

Facilitation and flexibility on installation are further advanced by adopting outdoor unit's light weight and compact design.



Improved flexibility of design by increasing the max piping length.



Piping Length

IVX Series (HP)	2	2.5	3	4	5	6	8	10	12
Max	50	50	50	70	75	75	100	100	100
Chargeless	30	30	20	20	30	30	30	30	30
ODU-IDU Height Difference (ODU Higher/Lower)	30/20	30/20	30/20	30/20	30/20	30/20	40/30	40/30	40/30

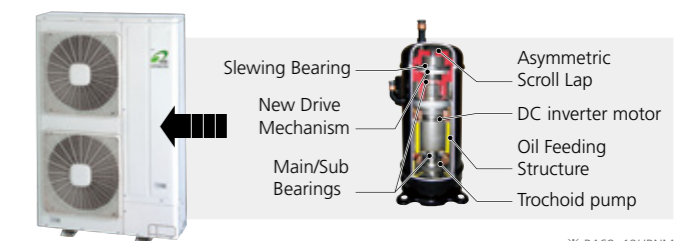
SETFREE (HP)	4	5	6	8	10	12
Max	60	60	120	125	125	125
ODU-IDU Height Difference (ODU Higher/Lower)	30/20	30/20	30/30	50/40	50/40	50/40

N Series (HP)	1	1.5	2	2.5	3	4	5
Max	10	10	20	20	20	50	50
Chargeless	5	5	5	5	5	5	5
ODU-IDU Height Difference	5	5	5	10	10	20/15	20/15

Reliability

In 1983, Hitachi invented the first air conditioning scroll compressor in the world and owned the patent. More than 30 years' professional experience in development and manufacturing of scroll compressor ensures more advanced technology, higher quality and stronger reliability.

Hitachi High Efficiency Scroll Compressor IVX series ※

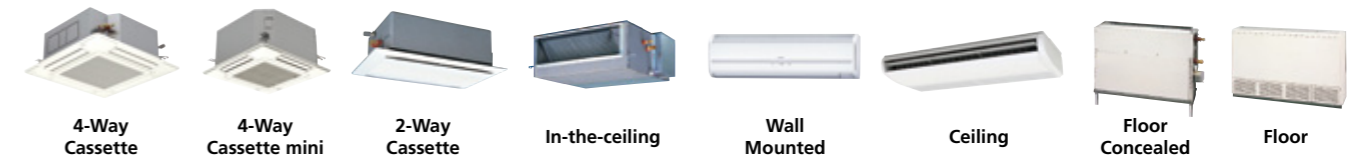


Line-Up



IVX series Inverter Type Japan premium model

Outdoor Unit		RAS-2HVNP	RAS-2.5HVNP	RAS-3HVNC	RAS-4HVNC1	RAS-5HVNC1	RAS-6HVNC1	RAS-8HRNM	RAS-10HRNM	RAS-12HRNM	
Cooling Capacity	kW	5.0	5.6	7.1	10.0	12.5	13.0	20.0	25.0	30.0	
Capacity Range (min.-max.)	kW	2.2-5.6	2.2-6.3	3.2-8.0	4.5-11.2	5.7-14.0	6.0-16.0	9.0-22.4	11.2-28.0	13.5-33.5	
Power Supply		AC1φ, 220-240/50Hz					AC3φ, 380-415/50Hz				
EER		4.03	3.97	3.41	3.64	3.37	3.26	3.36	3.21	3.10	
Outer Dimensions	Height	mm	600	600	600	1,140	1,140	1,140	1,650	1,650	1,650
	Width	mm	792	792	792	950	950	950	1,100	1,100	1,100
	Depth	mm	300	300	300	370	370	370	390	390	390
Net Weight	kg	43	43	44	79	89	89	168	168	171	
Piping Diameter	Liquid	φ	6.35	6.35	9.52	9.52	9.52	9.52	9.53	12.7	12.7
	Gas	φ	12.7	12.7	15.88	15.88	15.88	15.88	25.4	25.4	25.4



IVX series Inverter Type

Indoor Unit		4-Way Cassette	4-Way Cassette mini	2-Way Cassette	In-the-ceiling	Wall Mounted	Ceiling	Floor	
		RCI-FSN3	RCIM-FSN4	RCD-FSN2	RPI-FSN2	RPK-FSNM3	RPK-FSNH3 (without EXV)	RPC-FSN3	RPF(I)-FSN2E
Capacity (HP)	0.6	-	●	-	-	-	-	-	-
	0.8	-	●	-	●	-	-	-	-
	1.0	●	●	●	●	●	●	-	●
	1.5	●	●	●	●	●	●	●	●
	2.0	●	●	●	●	●	-	●	-
	2.5	●	●	●	●	●	-	●	-
	3.0	●	-	●	●	●	-	●	-
	4.0	●	-	●	●	●	-	●	-
	5.0	●	-	●	●	●	-	●	-
	6.0	●	-	-	-	-	-	●	-
8.0	-	-	-	●	-	-	-	-	
10.0	-	-	-	●	-	-	-	-	



SETFREE Inverter Type

Outdoor Unit		RAS-4HRNAM1Q	RAS-5HRNAM1Q	RAS-6HRNAM1Q	RAS-8FSN(A)MQ	RAS-10FSN(A)MQ	RAS-12FSN(A)MQ	
Cooling Capacity	kW	10.4	12.9	16.0	22.4	28.0	33.5	
Power Supply		AC1φ, 220-240/50Hz			AC3φ, 380-415/50Hz			
EER		3.64	3.39	3.60	3.52	3.41	3.16	
Outer Dimensions	Height	mm	800	800	1,380	1,650	1,650	
	Width	mm	950	950	950	1,100	1,100	
	Depth	mm	370	370	370	390	390	
Net Weight	kg	84	84	97	168	168	171	
Piping Diameter	Liquid	φ	9.53	9.53	9.53	9.53	12.7	12.7
	Gas	φ	15.88	15.88	15.88	19.05	22.2	25.4

SETFREE Inverter Type

Indoor Unit		4-Way Cassette	2-Way Cassette	In-the-ceiling	In-the-ceiling (Low-height)	Slim In-the-ceiling	Wall Mounted	Ceiling	Floor	Floor Concealed
		RCI-FSNQ	RCD-FSN2	RPI-FSNQH	RPIZ-FSN1Q	RPIZ-FSNQS	RPK-FSNQS	RPC-FSN3	RPF-FSN2E	RPF-I-FSN2E
Capacity (HP)	0.8	-	-	●	●	●	●	-	-	-
	1.0	●	●	●	●	●	●	-	●	●
	1.3	●	●	●	●	●	●	-	-	-
	1.5	●	●	●	●	●	●	●	●	●
	1.8	●	-	●	●	-	●	-	-	-
	2.0	●	●	●	●	-	●	●	-	●
	2.3	●	●	●	●	-	●	-	-	-
	2.5	●	●	●	●	-	●	●	-	●
	3.0	●	●	●	-	-	-	●	-	-
	3.3	●	-	●	-	-	-	-	-	-
	4.0	●	●	●	-	-	-	-	●	-
	5.0	●	●	●	-	-	-	-	●	-
6.0	●	-	●	-	-	-	-	●	-	
8.0	-	-	●	-	-	-	-	-	-	
10.0	-	-	●	-	-	-	-	-	-	



N series Fixed speed Type

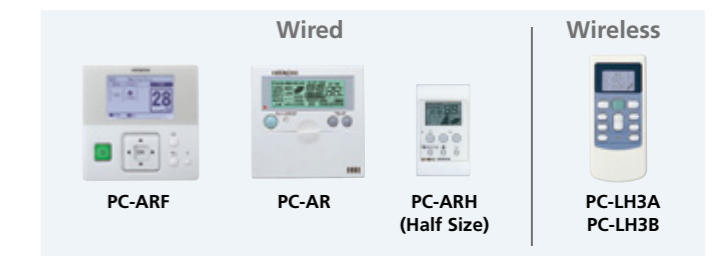
Outdoor Unit		RAS-1.0HNQ	RAS-1.5HNQ	RAS-2.0HNQ	RAS-2.5HNQ	RAS-3.0HNQ	RAS-4.0HNQ	RAS-5.0HNQ	
Cooling Capacity	kW	2.5	3.5	5.0	6.3	7.2	10.0	12.5	
Power Supply		AC1φ, 220-240/50Hz							
EER		3.21	2.94	3.11	2.61	2.76	2.89	3.08	
Outer Dimensions	Height	mm	570	570	640	800	800	1,240	1,240
	Width	mm	800	800	900	950	950	850	850
	Depth	mm	260	260	300	370	370	315	315
Net Weight	kg	32	36	45	68	68	100	100	
Piping Diameter	Liquid	φ	6.35	6.35	6.35	9.53	9.53	9.53	9.53
	Gas	φ	9.53	12.7	12.7	15.88	15.88	15.88	15.88

N series Fixed speed Type

Indoor Unit		4-Way Cassette	In-the-ceiling	In-the-ceiling (Low-height)
		RCI-FNQ	RPI-FSNQH	RPIZ-HNQ
Capacity (HP)	1.0	-	-	●
	1.5	-	-	●
	2.0	●	-	●
	2.5	●	-	●
	3.0	●	●	●
4.0	●	●	-	
5.0	●	●	-	

Wireless Remote Control Switch Standard **PC-LH3A**

Remote Controllers



CS-NET





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