



Primary R32 (Ceiling unit / Console)

Best value for money



Versatile: unit can be floor or ceiling-mounted

The Primary Hitachi console can be either floor or ceiling-mounted, allowing the user to choose the most suitable location in the room for the best heating comfort. (Fig. 1)

NEW Versatile

Up to 8 indoor units connected to a single remote control (with HDBA21NEWH + HCWA21NEHH). See diagrams on p. 204.

Guaranteed efficiency

The performance of our Primary ceiling unit range is guaranteed in Heating mode up to an outside temperature of -15°C. DC Inverter technology precisely adjusts the power needed to heat a public space, and ensures the comfort and durability of the system.

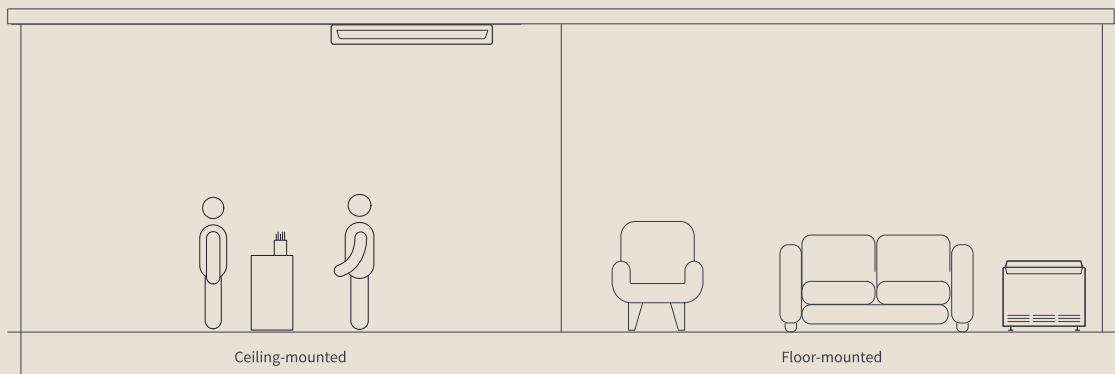
Designed for compact public applications

The unit has free contacts as standard to issue error reports or remotely stop/start the system. Ideal for installation in a technical room.

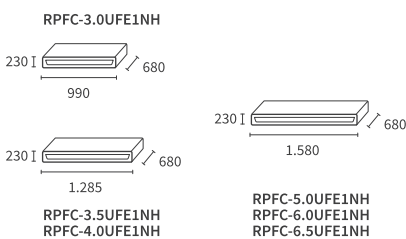
Fresh air inlet

The optional fresh air inlet improves indoor air quality.

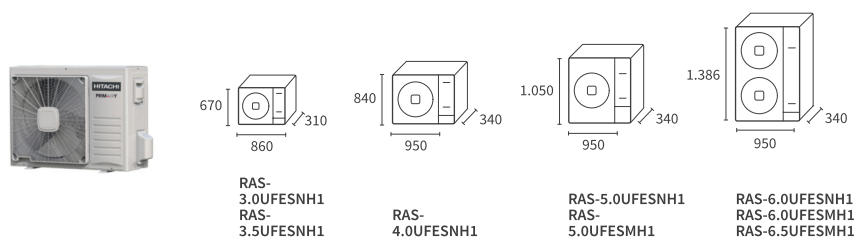
Fig. 1



Indoor units



Outdoor units



Primary R32 (ceiling unit / console)

Performance, cooling	Unit	6.50kW	8.60kW	9.80kW	12.70kW	14kW	12.10kW	13.89kW	16.90kW	
		3 Hp	3.5 Hp	4 Hp	5 Hp	6 Hp	5 Hp	6 Hp	6.5 Hp	
Rated power, cooling (min-max)	kW	6.50 (2.45 - 7.85)	8.60 (4.00 - 9.20)	9.80 (3.50 - 11.00)	12.70 (3.30 - 13.20)	14.00 (3.10 - 16.10)	12.10 (3.30 - 13.20)	13.76 (3.10 - 16.10)	16.30 (3.30 - 18.00)	
Rated power input Cooling (min-max)	kW	1.94	2.95	3.75	4.53	5.15	4.40	5.00	6.82	
EER	-	3.35	2.92	2.61	2.80	2.72	2.75		2.39	
Energy class Cooling	-	A+	A++	A+						
SEER (average climate) / Etas	-	5.81	6.10	5.87	5.93 / 234%	5.45 / 215%	5.70 / 225%	5.33 / 210%	5.30 / 209%	
Annual power consumption	kWh/year	391	509	585	709	899	803	940	876	
Guaranteed performance Cooling for outdoor Temp°	°C	-15°C / +48°C								
Performance, heating										
Rated power, heating (min-max)	kW	7.35 (2.20 - 8.70)	8.70 (3.50 - 9.50)	10.50 (3.32 - 12.00)	13.30 (3.00 - 14.60)	16.50 (3.60 - 18.00)	13.50 (3.00 - 14.60)	16.59 (3.60 - 18.00)	18.00 (3.00 - 19.00)	
Power at full charge at -7°C ⁽¹⁾	kW	4	5.6	6.5	8.4	10	8.4	10	11.1	
Rated power input Heating (min-max)	kW	2.07	2.30	3.65	4.04	5.40	4.17	4.85	6.82	
COP	-	3.55	3.78	2.88	3.29	3.06	3.24	3.42	2.64	
Energy class Heating	-	A+		A						
SCOP (average climate) / Etas	-	4.01	4.10	3.82	3.78 / 148%	3.68 / 144%	3.78 / 148%	3.55 / 139%	3.78 / 148%	
Annual power consumption	kWh/year	2168	2192	2825	3133	4887	3868	5015	4509	
Guaranteed performance Cooling for outdoor Temp°	°C	-15°C / +24°C								
Indoor units										
		RPFC-3.0UFE1NH	RPFC-3.5UFE1NH	RPFC-4.0UFE1NH	RPFC-5.0UFE1NH	RPFC-6.0UFE1NH	RPFC-5.0UFE1NH	RPFC-6.0UFE1NH	RPFC-6.5UFE1NH	
Sound pressure in Cooling mode (pv / mv / gv)	dB(A)	44 / 48 / 51	43 / 48 / 54	51 / 52 / 54	48 / 51 / 54	46 / 52 / 58	48 / 51 / 54	46 / 52 / 58	48 / 53 / 56	
Sound pressure in Cooling mode	dB(A)	65	65	65	68	75	68	75	74	
Airflow in Cooling mode (pv / mv / gv)	m ³ /h	800 / 950 / 1100	900 / 1120 / 1450	1300 / 1500 / 1700	1600 / 1800 / 2000	1200 / 1600 / 2000	1600 / 1800 / 2000	1200 / 1600 / 2000	1500 / 1700 / 2000	
Dehumidification	l/h	1.95	3.20	4.40	5.30	6.00	5.30	6.00	6.40	
Dimensions (H x L x D)	mm	230 x 990 x 680		230 x 1285 x 680			230 x 1580 x 680			
Net weight of box	kg	30	37		48					
Condensing pump, optional	-	P26(E)-2			P26(E)-3					
Condensate outlet diameter (ext.)	mm				32					
Air filter	-	included								
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz								
Remote control	-	Infrared included (HRBA31NEGH)								
Outdoor units										
		RAS-3.0UFESNH1	RAS-3.5UFESNH1	RAS-4.0UFESNH1	RAS-5.0UFESNH1	RAS-6.0UFESNH1	RAS-5.0UFESNH1	RAS-6.0UFESNH1	RAS-6.5UFESNH1	
Sound pressure in Cooling mode	dB(A)	54		58			62			
Sound pressure in Cooling mode	dB(A)	69	70		76					
Airflow (cooling)	m ³ /h	3150		3800	5800	6300	5800	6300		
Dimensions (H x L x D)	mm	670 x 860 x 310		840 x 950 x 340	1050 x 950 x 340	1386 x 950 x 340	1050 x 950 x 340	1386 x 950 x 340		
Net weight	kg	49.0		70.0	85.0	101.5	85.0	101.5	109.0	
Compressor	-	Inverter rotary unit								
Cooling properties										
Diameter of pipes (Liq / Gas)	inches	3/8" / 5/8"			3/8" / 3/4"					
Initial coolant fill	kg/TeqCO2	1.40 / 0.95	1.45 / 0.98	2.00 / 1.35	2.50 / 1.69	3.00 / 2.03	2.50 / 1.69	3.00 / 2.03	3.40 / 2.30	
Prefilled for	m					5				
Max. pipe length	m	30				50				
Added coolant	g/m					28				
Max. level difference (outdoor unit above / outdoor unit below)	m	15 / 15				30 / 30				
Coolant	-	R32								
Electrical features, outdoor unit										
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz				400V / 3Ph / 50Hz				
Max. current	A	18.1	18.0	22.5	28.2	30.0	11.6	12.6	13.6	
Cable width (EN 60 335-1)	mm ²	3 x 2.5		3 x 4	3 x 6		5 x 2.5			
Indoor/outdoor connection (protected)	mm ²	4 x 1.5								
⁽¹⁾ Data includes defrosting.										
Retail price per unit excluding taxes (+eco part.)										
Indoor unit (IR remote control included HRBA31NEGH)	-	RPFC-3.0UFE1NH	RPFC-3.5UFE1NH	RPFC-4.0UFE1NH	RPFC-5.0UFE1NH	RPFC-6.0UFE1NH	RPFC-5.0UFE1NH	RPFC-6.0UFE1NH	RPFC-6.5UFE1NH	
		€1,332	€1,388	€1,444	€1,587	€1,799	€1,587	€1,799	€1,921	
External unit	€+6.67	RAS-3.0UFESNH1	RAS-3.5UFESNH1	RAS-4.0UFESNH1	RAS-5.0UFESNH1	RAS-6.0UFESNH1	RAS-5.0UFESNH1	RAS-6.0UFESNH1	RAS-6.5UFESNH1	
		€2,659	€2,995	€3,297	€3,914	€4,445	€3,960	€4,507	€4,815	
Price for whole set Indoor unit + outdoor unit	€+6.67	€3,991	€4,383	€4,741	€5,501	€6,244	€5,547	€6,306	€6,736	

Eco-participation is a net unit amount excluding taxes and is not discountable. It is added to the net price. The bundle includes: the cassette and its panel, the wired remote control or infrared with receiver, the outdoor unit.

Compatible controls and accessories



Wired programmable remote control
HCWA21NEHH
Price plus taxes: €170



Condensate drainage pump
P26(E)-2 (3; 3,5; 4Hp) / P26(E)-3 (5; 6; 6.5Hp)
Price plus taxes: €100



H-Link interface
HCAA01NEWI
Price plus taxes: €260



Infrared remote control
HRBA31NEGH
Included



Adapter
HDBA21NEWH
Price plus taxes: €60

Discover Primary

