Primairy R32

Best value for money

Adjust the temperature

On the cassette model, you can set the right temperature via a wired remote control. This function compensates for air stratification, ensuring comfort throughout rooms of any size. (Fig. 1)

Guaranteed efficiency

The performance of our Primairy cassette unit range is guaranteed in Heating mode up to an outside temperature of -15°C. DC Inverter technology precisely adjusts the heating required, and ensures the comfort and durability of the system.

NEW Versatile

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

Receiver pour the infrared remote control

Located in a bracket on the façade to receive the signal of the remote control (Fig. 2)

Fresh air inlet

There is a fresh air inlet to improve indoor air quality.

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.

Fig. 1

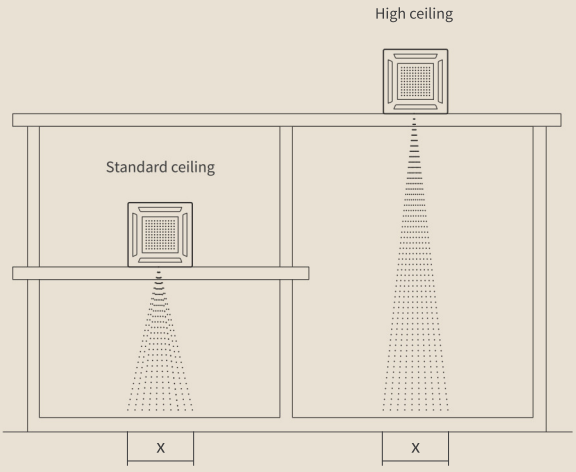
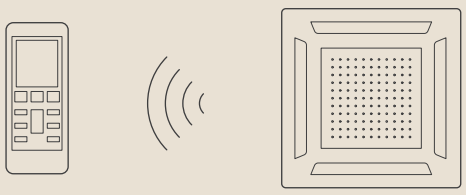
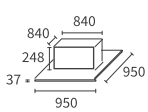


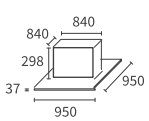
Fig. 2



Indoor units

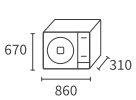


RCI-3.0UFE1NH
RCI-3.5UFE1NH
RCI-4.0UFE1NH

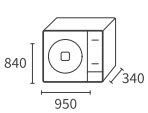


RCI-5.0UFE1NH
RCI-6.0UFE1NH
RCI-6.5UFE1NH

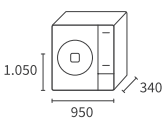
Outdoor units



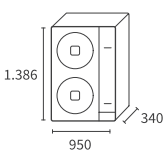
RAS-3.0UFESNH1
RAS- 3.5UFESNH1



RAS-4.0UFESNH1



RAS-5.0UFESNH1
RAS-5.0UFESMH1



RAS-6.0UFESNH1
RAS-6.0UFESMH1
RAS-6.5UFESMH1

Primairy R32

		6,90 kW	8,50 kW	10,10 kW	12,70 kW	14KW	12.10kW	13.89kW	16.90kW
Performance, cooling	**Unit**	**3 Hp**	**3.5 Hp**	**4 Hp**	**5 Hp**	**6 Hp**	**5 Hp**	**6 Hp**	**6.5 Hp**
Rated power, cooling (min-max)	kW	7.00 (2.45 - 7.85)	8.70 (4.00 - 9.50)	10.10 (3.50 - 11.00)	12.70 (3.30 - 13.20)	14.00 (3.40 - 16.20)	12.10 (3.30 - 13.20)	13.89 (3.40 - 16.20)	16.90 (3.30 - 18.00)
Rated power input Cooling (min-max)	kW	1.91	2.71	3.71	4.31	4.78	4.25	4.81	6.73
EER	-	3.66	3.21	2.72	2.95	2.80	2.85	2.89	2.51
Energy class Cooling	-	A++					-		
SEER (average climate) / Etas	-	6.73	6.10	6.10	6.28 / 248%	5.94 / 235%	6.05 / 239%	5.64 / 222%	5.60 / 221%
Annual power consumption	kWh/year	388	511	580	705	859	757	894	883
Guaranteed performance Cooling for outdoor Temp°	-	-15°C / +48°C							
Performance, heating									
Rated power, heating (min-max)	kW	8.25 (2.20 - 8.70)	9.00 (3.50 - 9.40)	11.20 (3.50 - 11.00)	13.30 (3.00 - 14.60)	15.80 (3.70 - 18.00)	13.50 (3.00 - 14.60)	16.53 (3.70 - 18.00)	19.49 (3.00 - 21.00)
Power at full charge at -7°C[1]	kW	4.50	5.55	6.50	8.70	10.50	8.70	10.50	11.90
Rated power input Heating (min-max)	kW	2.03	2.25	3.50	4.07	4.65	3.70	4.71	6.74
COP	-	4.07	4.00	3.20	3.45	3.19	3.65	3.51	2.89
Energy class Heating	-	A+		A			-		
SCOP (average climate) / Etas	-	4.33	4.20	3.92	3.80 / 149%	3.75 / 147%	3.98 / 156%	3.81 / 149%	3.87 / 151%
Annual power consumption	kWh/year	1907	2423	3018	3305	4765	3675	5086	4037
Guaranteed performance in Heating mode for outside Temp°	°C	-15°C / +24°C							
Indoor units		**RCI-3.0UFE1NH**	**RCI-3.5UFE1NH**	**RCI-4.0UFE1NH**	**RCI-5.0UFE1NH**	**RCI-6.0UFE1NH**	**RCI-5.0UFE1NH**	**RCI-6.0UFE1NH**	**RCI-6.5UFE1NH**
Sound pressure in Cooling mode (pv / mv / gv)	dB(A)	37 / 42 / 45	42 / 46 / 48	42 / 45 / 50	47 / 49 / 51	42 / 45 / 51	47 / 49 / 51	42 / 45 / 51	43 / 45 / 48
Sound pressure in Cooling mode	dB(A)	59	62	65	64	65	64	65	68
Airflow in Cooling mode (pv / mv / gv)	m^3/h	720 / 980 / 1180	900 / 1120 / 1400	1000 / 1300 / 1600	1550 / 1700 / 1850	1400 / 1700 / 2100	1550 / 1700 / 1850	1400 / 1700 / 2100	
Dehumidification	l/h	-							
Dimensions (H x L x D)	mm	248 x 840 x 840					298 x 840 x 840		
Front panel dimensions (H x W x D)	mm	37 x 950 x 950							
Net weight of box	kg	25	27				32		
Condensing pump	-	Included							
Condensate outlet diameter (ext)	mm	32							
Air filter	-	included							
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz							
Part number of the front panel	-	PHKF160SAH1							
Remote control	-	Infrared included (HRBA31NEGH)							
Outdoor units	**Unit**	**RAS-3.0UFESNH1**	**RAS-3.5UFESNH1**	**RAS-4.0UFESNH1**	**RAS-5.0UFESNH1**	**RAS-6.0UFESNH1**	**RAS-5.0UFESMH1**	**RAS-6.0UFESMH1**	**RAS-6.5UFESMH1**
Sound pressure in Cooling mode	dB(A)	54		58	62				67
Sound pressure in Cooling mode	dB(A)	69	70		76				80
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							
Technical features outdoor unit									
Pipe diameter (Liq.)	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	11.6	11.6
Cable width (EN 60 335-1)	mm^2	3 x 2.5		3 x 4	3 x 6		5 x 2.50		
Indoor/outdoor connection (protected)	mm^2	4 x 1.5							

[1] Data includes defrosting.

Retail price per unit excluding taxes	**(+eco part)**								
Indoor unit (Infrared remote control included HRBA31NEGH)	-	**RCI-3.0UFE1NH**	**RCI-3.5UFE1NH**	**RCI-4.0UFE1NH**	**RCI-5.0UFE1NH**	**RCI-6.0UFE1NH**	**RCI-5.0UFE1NH**	**RCI-6.0UFE1NH**	**RCI-6.5UFE1NH**
		€853	**€1,056**	**€1,251**	**€1,468**	**€1,659**	**€1,468**	**€1,659**	**€1,781**
Cassette unit front panel	-	**PHKF160SAH1**							
		€262							
External unit		**RAS-3.0UFESNH1**	**RAS-3.5UFESNH1**	**RAS-4.0UFESNH1**	**RAS-5.0UFESNH1**	**RAS-6.0UFESNH1**	**RAS-5.0UFESMH1**	**RAS-6.0UFESMH1**	**RAS-6.5UFESMH1**
	€+6.67	**€2,569**	**€2,995**	**€3,297**	**€3,914**	**€4,455**	**€3,960**	**€4,507**	**€4,815**
Price for whole set Indoor unit + front panel + outdoor unit	€+6.67	**€3,684**	**€4,313**	**€4,810**	**€5,644**	**€6,376**	**€5,690**	**€6,428**	**€6,858**

Eco-participation is a net unit amount excluding taxes and is not discountable. It is added to the net price.

Compatible controls and accessories

Wired programmable remote control

HCWA21NEHH

Price plus taxes: €170

Infrared remote control

HRBA31NEGH

Included

H-Link interface

HCAA01NEWI

Price plus taxes: €260

Adapter

HDBA21NEWH

Price plus taxes: €60

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