

Cassette unit Mono-split



Selection guide

R32 cassette for small public buildings



Primary R32



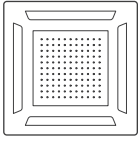
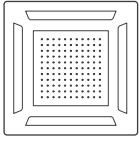
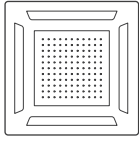
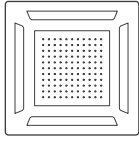
Primary R410A



Utopia Prime cassette



NEW

	R32 cassette for small public buildings	Primary R32	Primary R410A	Utopia Prime cassette NEW
				
Coolant	R32	R32	R410A	R410A and R32
Type of heat pump	Mono-split 600 x 600		Mono-split 800 x 800	
Applications			Business Public	
Rated power, cooling (kW)	2.5 3.5 5.0 6.0	7.0 8.7 10.1 12.7 14.0 12.1 13.8 16.9	7.0 10.3 12.0 13.4 14.5	7.1 10.0 12.5 14.0
Supply voltage	Single-phase	Single-phase (3/3.5/4/5/6Hp) Three-phase (5/6/6.5Hp)	Single-phase (3/4Hp) Three-phase (5/6/6.5Hp)	Single-phase (up to 6Hp) Three-phase (4 to 6Hp)
COP	4.00	4.07	3.46	4.92
Energy classes Heating / Cooling	A+ / A++		A+ / A++	A+ / A++
Cooling up to	+46°C		+48°C	+46°C
Heating up to	-15°C		-15°C	-20°C
Discretion	++		+	+
Motion sensor		-	-	Option

Cassette for small public buildings with R32

Appearance and comfort



Condensate pump included

The cassette unit for small public buildings incorporates its own condensate pumps to remove condensation automatically, without the need for any other add-ons. (Fig. 1)

Motion sensor

An air-conditioning unit without unnecessary consumption thanks to the motion sensor that gradually decreases the energy consumption of the equipment when the room is empty and restarts it when it detects people moving.

Improved comfort

On this equipment you can choose where to measure the setting temperature (at the remote control or the return or using the average of both readings). This feature provides superior comfort in the room.

Flexible installation

With a 30-m long cooling pipe between the indoor unit and the outdoor unit, this equipment can be installed in any part of the building. What's more, the level difference between the two can be up to 20 m. 600 x 600 mm in size, they can be integrated into standard ceiling panels.

Compatible with the Hi Kumo remote controller

In the app, you can turn the system on and off, turn the temperature up or down and program the system from anywhere in the world. All you need is a mobile phone, an Internet connection and Wi-Fi equipment (optional) to connect to the indoor unit.

Individual control of the blades

The 4 blades in the cassette unit can be configured individually with the SPX-WKT4 so that each one works differently: blowing air directly towards the user, directing air at the ceiling or at the floor, etc. Comfort is guaranteed. (Fig. 2)

Fig. 1

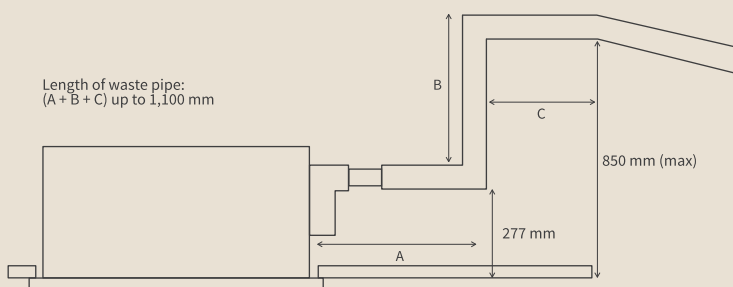
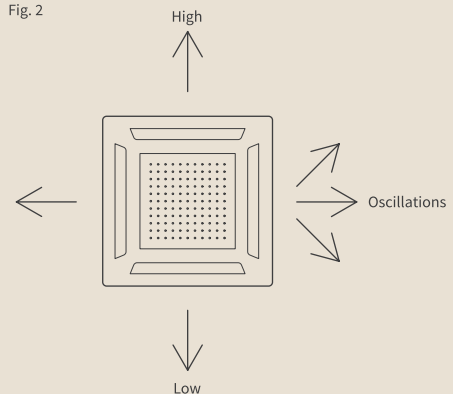
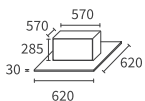


Fig. 2

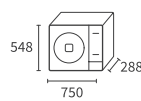


Indoor units

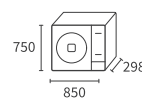


RAI-25RPE RAI-50RPE
RAI-35RPE RAI-60RPE

Outdoor units



RAC-25NPE
RAC-35NPE



RAC-50NPE
RAC-60NPE

Cassette for small public buildings R32

Performance, cooling	Unit	2.5 kW	3.5 kW	5.0 kW	6.0 kW
Rated power, cooling (min-max)	kW	2.50 (0.90 - 3.00)	3.50 (0.90 - 4.00)	5.00 (1.20 - 5.80)	6.00 (1.20 - 6.50)
Rated power input Cooling (min-max)	kW	0.595 (0.25 - 1.29)	0.875 (0.25 - 1.46)	1.420 (0.30 - 2.50)	1.710 (0.30 - 2.60)
EER	-	4.20	4.00	3.52	3.51
Energy class Cooling	-	A++			
SEER (average climate)	-	6.20	6.50	6.20	
Guaranteed performance Cooling for outdoor Temp°	°C	-10°C / +46°C		-15°C / +46°C	
Performance, heating	Unit	2.5 kW	3.5 kW	5.0 kW	6.0 kW
Rated power, heating (min-max)	kW	3.50 (0.90 - 5.00)	4.80 (0.90 - 6.60)	6.00 (1.20 - 6.80)	7.00 (1.20 - 8.00)
Power at full charge at -7°C ⁽¹⁾	kW	2.70	3.20	4.20	4.80
Rated power input Heating (min-max)	kW	0.875 (0.25 - 1.50)	1.230 (0.25 - 1.92)	1.570 (0.30 - 2.65)	1.840 (0.30 - 2.65)
COP	-	4.00	3.90	3.82	3.80
Energy class Heating	-	A+			
SCOP (average climate)	-	4.30		4.40	
Guaranteed performance in Heating mode for outside Temp°	°C	-15°C / +24°C			
Indoor units	Unit	RAI-25RPE	RAI-35RPE	RAI-50RPE	RAI-60RPE
Sound pressure in Cooling mode (spv / pv / mv / gv) ⁽²⁾	dB(A)	27 / 31 / 35 / 38	27 / 33 / 37 / 40	29 / 35 / 39 / 43	
Sound pressure in Heating mode (spv / pv / mv / gv) ⁽²⁾	dB(A)	28 / 32 / 36 / 39	28 / 34 / 38 / 41	30 / 36 / 40 / 44	
Sound pressure in Cooling mode	dB(A)	54		56	
Airflow in Cooling mode (spv / pv / mv / gv)	m ³ /h	360 / 505 / 590 / 660		390 / 540 / 630 / 720	
Dehumidification	l/h	1.4	1.8	2.8	3.8
Dimensions (H x L x D)	mm	285 x 570 x 570			
Front panel dimensions (H x W x D)	mm	30 x 620 x 620			
Net weight of box	kg	17			
Net weight of front panel	kg	2.8			
Front panel part no.	-	P-AP56NAMS	P-AP56NAMS	P-AP56NAMS	P-AP56NAMS
Remote control	-	Not included (SPX-RCKA3 / SPX-RCDB1 / SPX-WKT4)			
Outdoor units	Unit	RAC-25NPE	RAC-35NPE	RAC-50NPE	RAC-60NPE
Sound pressure in Cooling mode ⁽²⁾	dB(A)	48		50	
Sound pressure in Cooling mode	dB(A)	61		65	
Airflow (Cooling / Heating)	m ³ /h	1920 / 1620		2160 / 2160	
Dimensions (H x L x D)	mm	548 x 750 x 288		750 x 850 x 298	
Net weight	kg	32.5		50	
Compressor	-	Rotary			
Cooling properties	Unit	2.5 kW	3.5 kW	5.0 kW	6.0 kW
Diameter of pipes (Liq / Gas)	inches	1/4" / 3/8"		1/4" / 1/2"	
Condensate outlet diameter (ext)	mm	32			
Condensing pump	-	Included			
Initial coolant fill	kg	0.86		1.50	
Prefilled for	m	20		30	
Min. length	m	3			
Max. length / Coolant refill	m/g/m	20 / -		30 / -	
Max. level difference (outdoor unit above / outdoor unit below)	m	10 / 10		20 / 20	
Coolant	-	R32			
Electrical features	Unit	2.5 kW	3.5 kW	5.0 kW	6.0 kW
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz			
Max. current	A	15		20	
Cable width (EN 60 335-1)	mm ²	2 x 1.50 + T		2 x 2.50 + T	
Indoor/outdoor connection (protected)	mm ²	3 x 1.50 + T		3 x 1.50 + T	

⁽¹⁾ Data includes defrosting. To find out the data for your project, refer to our technical catalogs.

⁽²⁾ Sound pressure measurements were made 1 meter from the unit without obstructions (see the technical catalog).

Retail price per unit excluding taxes

(+eco part)

Indoor unit (Remote control NOT included)	-	RAI-25RPE	RAI-35RPE	RAI-50RPE	RAI-60RPE
		€1,108	€1,211	€1,450	€1,650
Cassette unit front panel	-	P-AP56NAMS	P-AP56NAMS	P-AP56NAMS	P-AP56NAMS
		€350			
External unit	€+6.67	RAC-25NPE	RAC-35RPE	RAC-50NPE	RAC-60NPE
		€1,381	€1,545	€1,700	€1,970
Infrared remote control SPX-RCKA3	€+0.12	€155			
Price for whole set Indoor unit + front panel + outdoor unit + remote control	€+6.79	€2,994	€3,261	€3,655	€4,125

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

Controls and compatible accessories (see page 197)



Infrared remote control

SPX-RCKA3

Price plus taxes: €155



Wired standard remote control

SPX-RCDB1

Price plus taxes: €150



Wired programmable remote control

SPX-WKT4

Price plus taxes: €195



H-Link box

PSC-6RAD

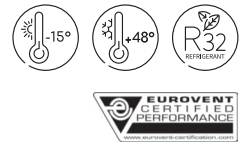
Price plus taxes: €199

Other (price excluding taxes):

- Control box for multi-indoor units
SPX-DST1 (€63) + SPX-WDST8M (€70)
- airCloud Home SPX-WFG02 interface: €143
- Hi-Box AHP-SMB-01: €215
- Hi Kumo gateway for Hi-Box SPX-TAG01: €150
- Single dry contact kit SPX-WDC3: €26

Primary 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 Primary 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

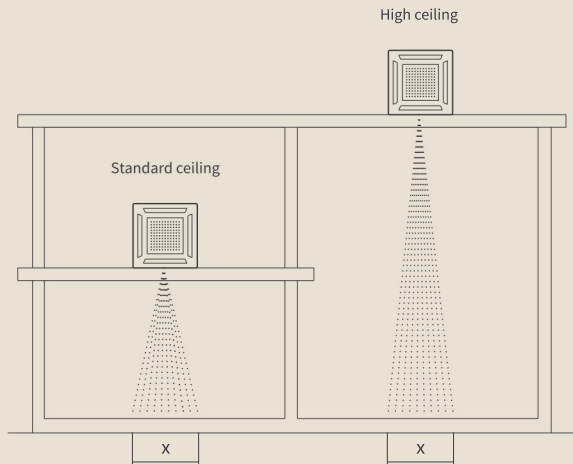
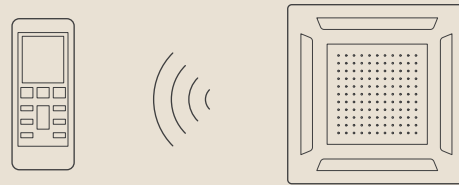
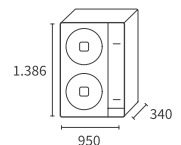
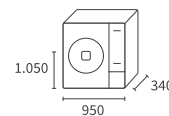
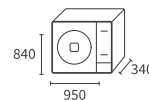
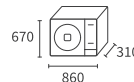
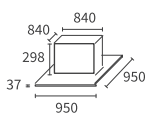
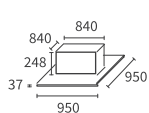


Fig. 2



Indoor units

Outdoor units



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

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

RAS-3.0UFESNH1
RAS-3.5UFESNH1

RAS-4.0UFESNH1

RAS-5.0UFESNH1
RAS-5.0UFESMH1

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

Primary R32

Performance, cooling	Unit	6,90 kW	8,50 kW	10,10 kW	12,70 kW	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	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)	m³/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										
		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)	m³/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)	mm²	3 x 2.5		3 x 4	3 x 6		5 x 2.50			
Indoor/outdoor connection (protected)	mm²	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	€+6.67	RAS-3.0UFESNH1	RAS-3.5UFESNH1	RAS-4.0UFESNH1	RAS-5.0UFESNH1	RAS-6.0UFESNH1	RAS-5.0UFESMH1	RAS-6.0UFESMH1	RAS-6.5UFESMH1	
		€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

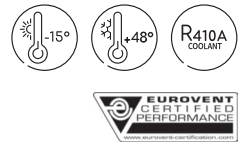
Price plus taxes: €60

Discover Primary



Primary R410A

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 Primary 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

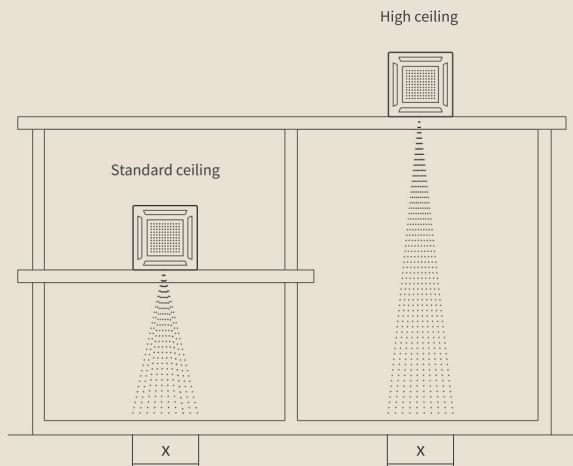
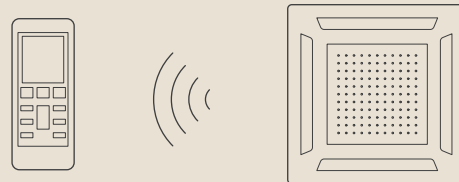
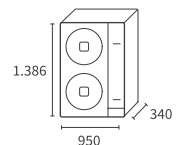
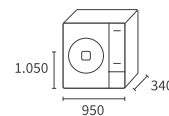
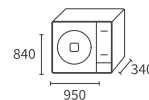
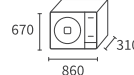
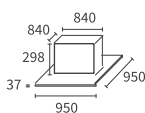
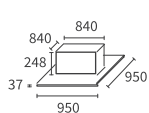


Fig. 2



Indoor units

Outdoor units



RCI-3.0UNE1NH
RCI-4.0UNE1NH

RCI-5.0UNE1NH
RCI-6.0UNE1NH
RCI-6.5UNE1NH

RAS-3.0UNESNH1

RAS-4.0UNESNH1

RAS-5.0UNESMH1

RAS-6.0UNESMH1
RAS-6.5UNESMH1

Primary R410A

		7,07 kW	10,30 kW	12,00 kW	13,40 kW	14,50 kW
Performance, cooling	Unit	3 Hp	4 Hp	5 Hp	6 Hp	6.5 Hp
Rated power, cooling (min-max)	kW	7.07 (2.70 - 7.85)	10.30 (2.93 - 12.00)	12.06 (3.30 - 13.20)	13.40 (3.40 - 16.20)	14.50 (4.98 - 18.00)
Rated power input cooling	kW	2.20	3.43	4.19	4.62	5.49
EER	-	3.20	3.00	2.88	2.90	2.64
Energy class Cooling	-	A++		-		
SEER (average climate) / Etas	-	6.17	6.23	5.71 / 225%	6.08 / 237%	5.99 / 231%
Annual power consumption	kWh/year	383	588	757	806	883
Guaranteed performance Cooling for outdoor Temp°	°C	-15°C / +48°C				
Performance, heating						
Rated power, heating (min-max)	kW	7.90 (2.70 - 8.70)	11.45 (3.32-13.0)	13.40 (3.00 - 14.60)	13.40 (3.00 - 14.60)	18.00 (3.00 - 19.50)
Power at full charge at -7°C ⁽¹⁾	kW	5.45	7.84	9.60	11.65	14.35
Rated power input heating	kW	2.29	3.40	4.10	4.97	5.71
COP	-	3.46	3.38	3.41	3.42	3.23
Energy class Heating	-	A+	A	-		
SCOP (average climate) / Etas	-	3.85	3.80	3.77 / 149%	3.78 / 151%	3.68 / 149%
Annual power consumption	kWh/year	1927	3450	3675	4877	4037
Guaranteed performance in Heating mode for outside Temp°	°C	-15°C / +24°C				
Indoor units		RCI-3.0UNE1NH	RCI-4.0UNE1NH	RCI-5.0UNE1NH	RCI-6.0UNE1NH	RCI-6.5UNE1NH
Sound pressure in Cooling mode (pv / mv / gv)	dB(A)	36 / 40 / 43	42 / 45 / 49	45 / 46 / 50	41 / 45 / 52	44 / 46 / 52
Sound pressure in Cooling mode	dB(A)	58	62	63	66	66
Airflow in Cooling mode (pv / mv / gv)	m³/h	852 / 976 / 1100	1000 / 1300 / 1600	1550 / 1700 / 1850	1700 / 1900 / 2000	
Dehumidification	l/h	1.8	2.5	3.2	4	4.5
Dimensions (H x L x D)	mm	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				
Remote control	-	Infrared included (HRBA31NEGH)				
Outdoor units		RAS-3.0UNESNH1	RAS-4.0UNESNH1	RAS-5.0UNESMH1	RAS-6.0UNESMH1	RAS-6.5UNESMH1
Sound pressure in Cooling mode	dB(A)	53	56	62		67
Sound pressure in Cooling mode	dB(A)	69	70	76		80
Airflow (cooling)	m³/h	3000	3500	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	
Net weight	kg	51	70	85	101	109
Compressor	-	Inverter rotary unit				
Cooling properties						
Diameter of pipes (Liq / Gas)	inches	3/8" / 5/8"		3/8" / 3/4"		
Initial coolant fill	kg	1.70	2.80	2.50 / 1.69		
Prefilled for	m	5				
Max. pipe length	m	50				
Added coolant	g/m	35				
Max. level difference (outdoor unit above / outdoor unit below)	m	30 / 30				
Coolant	-	R410A				
Electrical features, outdoor unit						
Power supply	V/Ph/Hz	230V / 1Ph / 50Hz		400V / 3Ph / 50Hz		
Max. current	A	18.1	22.5	11.6		
Cable width (EN 60 335-1)	mm²	3 x 2.5	3 x 4	5 x 2.5		
Indoor/outdoor connection (protected)	mm²	4 x 1.5				

⁽¹⁾ Data includes defrosting.

Retail price per unit excluding taxes	(+eco part)	RCI-3.0UNE1NH	RCI-4.0UNE1NH	RCI-5.0UNE1NH	RCI-6.0UNE1NH	RCI-6.5UNE1NH
Outdoor unit (Infrared remote control included HRBA31NEGH)	-	€881	€1,288	€1,509	€1,705	€1,830
Cassette unit front panel	-	PHKF160SAH1 €262				
External unit	€+6.67	€2,624	€3,366	€4,043	€4,602	€4,917
Price for whole set Indoor unit + front panel + outdoor unit	€+6.67	€3,767	€4,916	€5,814	€6,569	€7,009

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

Discover Primary



Utopia Prime cassette unit

A R410 or R32 solution to meet the toughest technical restrictions



NEW

Unrivalled comfort

Separately control each vent blade and enjoy air distributed under the COANDA effect to completely eliminate any discomfort.

Energy-saving

The motion sensor (optional) automatically optimizes the level of comfort while limiting the energy consumption in rooms only occupied occasionally. It continuously analyzes thermal disparities as well as the presence of people in the room, adjusting its setting temperature (down to 2°C), fan speed, and airflow direction to suit. (Fig. 1)

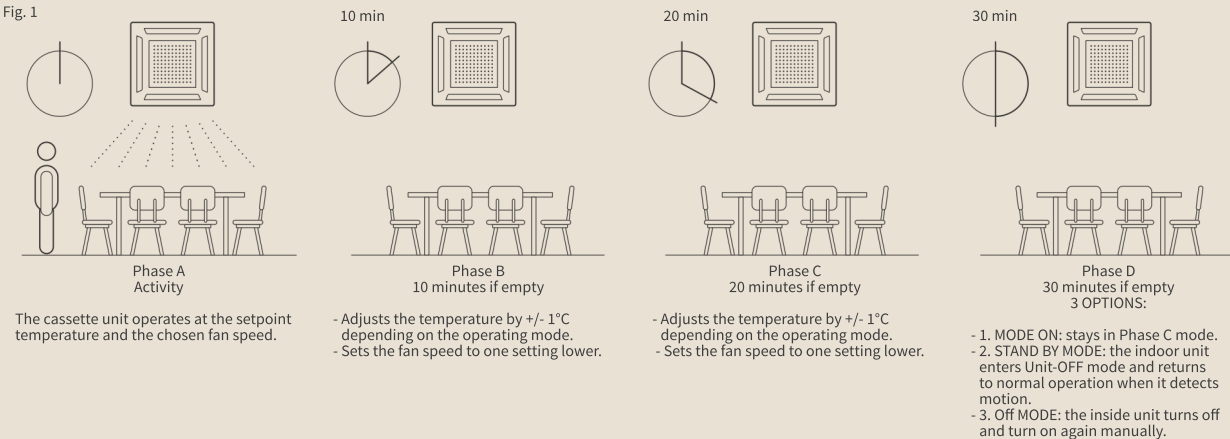
Compactness

Outdoor units are exceptionally compact, with a footprint of 0.23m².

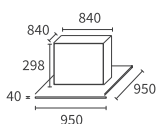
Installation time

The 800 x 800 cassette unit fits perfectly into suspended ceilings thanks to its low recess height (248 mm) as well as in high ceilings with a possible installation of up to 4.20 m, depending on the model. In addition, it is equipped as standard with a pump to remove condensation up to 850 mm.

Fig. 1

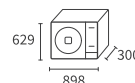


Indoor units

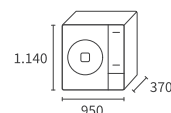


RCI-3.0FSR
RCI-4.0FSR
RCI-5.0FSR
RCI-6.0FSR

Outdoor units



RAS-3HVRC2



RAS-4H(V)RC2
RAS-5H(V)RC2
RAS-6H(V)RC2
RAS-4H(V)NC2
RAS-5H(V)NC2
RAS-6H(V)NC2

Utopia Prime cassette

Provisional data

		Coolant R32				Coolant R410A		
		7.1kW	10KW	12.5KW	14KW	10KW	12.5KW	14KW
Performance, cooling		3 Hp	4 Hp	5 Hp	6 Hp	4 Hp	5 Hp	6 Hp
Rated power, cooling (min-max)	kW	7.10	10.00	12.50	14.00	10.00	12.50	14.00
Rated power input cooling	kW	2.26	2.70	3.71	4.29	2.70	3.71	4.29
EER	-	3.14	3.70	3.37	3.26	3.70	3.37	3.26
Seasonal energy class Cooling	-	A+	A++	-	-	A++	-	-
SEER (average climate)	-	6.00	6.57(V) - 6.41	6.10 (V) - 6.06	5.88(V) - 5.85	6.57(V) - 6.41	6.10 (V) - 6.06	5.88(V) - 5.85
Guaranteed performance Cooling for outdoor Temp* (3)	°C	-15°C / +46°C (DB)				-15°C / +46°C (DB)		
Performance, heating								
Rated power, heating (min-max)	kW	8.00	11.20	14.00	16.00	11.20	14.00	16.00
Power at -7°C*	kW	6.07	10.34	12.13	13.15	10.34	12.13	13.15
Rated power input heating	kW	2.00	2.45	3.60	3.78	2.45	3.60	3.78
COP	-	4.00	4.57	3.89	4.23	4.57	3.89	4.23
Seasonal energy class Heating	-	A+		-	-	A+	-	-
SCOP (average climate)	-	4.21	4.47	4.00	4.05	4.47	4.00	4.05
Guaranteed performance in Heating mode for outside Temp*	°C	-20°C / +18°C (WB)				-20°C / +18°C (WB)		
800x800 indoor units, cassette		RCI-3.0FSR	RCI-4.0FSR	RCI-5.0FSR	RCI-6.0FSR	RCI-4.0FSR	RCI-5.0FSR	RCI-6.0FSR
Sound pressure in Cooling mode (pressure) (pv / mv / gv1 / gv2) (4)	dB(A)	27 / 30 / 32 / 37	33 / 39 / 43 / 48	35 / 40 / 45 / 48	37 / 41 / 46 / 48	33 / 39 / 43 / 48	35 / 40 / 45 / 48	37 / 41 / 46 / 48
Sound pressure	dB(A)	57	64	64	65	64	64	65
Airflow in Cooling mode (pv / mv / gv1 / gv2)	m³/h	840 / 1080 / 1380 / 1620	1200 / 1440 / 1860 / 2220	1260 / 1560 / 1980 / 2220	1320 / 1680 / 2100 / 2220	1200 / 1440 / 1860 / 2220	1260 / 1560 / 1980 / 2220	1320 / 1680 / 2100 / 2220
Condensate pump included	-	yes				yes		
Max. elevation	mm	850				850		
Box dimensions (H x W x D)	mm	298 x 840 x 840				298 x 840 x 840		
Front panel dimensions (H x W x D)	mm	40 x 950 x 950				40 x 950 x 950		
Net weight of the box + front panel	kg	26 + 6.50				26 + 6.50		
Cooling pipe diameter (Liq / Gas)	inches	3/8 - 5/8				3/8 - 5/8		
Condensate outlet diameter (ext)	mm	32				32		
Power supply	-	1~ 230V 50Hz				1~ 230V 50Hz		
Cable width (EN 60 335-1) (1)	mm²	3 x 0.75				3 x 0.75		
Front panel part no.	-	P-N23NA2				P-N23NA2		
Remote control	-	PC-ARFP1E				PC-ARFP1E		
Outdoor units		RAS-3HVRC2	RAS-4H(V)RC2E	RAS-5H(V)RC2E	RAS-6H(V)RC2E	RAS-4H(V)NC2E	RAS-5H(V)NC2E	RAS-6H(V)NC2E
Sound pressure in Cooling mode (Night mode)(2)	dB(A)	48 (46)	52 (50)	53 (50)	55 (53)	52 (50)	54 (53)	55 (53)
Sound pressure	dB(A)	66	68	69	71	68	69	71
Airflow (Cooling / Heating)	m³/h	2982		4800		4800		
Dimensions (H x L x D)	mm	629 x 898 x 300		1140 x 950 x 370		1140 x 950 x 370		
Net weight	kg	48		84		86 (84)		
Compressor	-	Inverter DC rotary unit				Inverter DC rotary unit		
Cooling properties								
Diameter of pipes (Liq / Gas)	mm (inches)	9.52 (3/8) - 15.88 (5/8)				9.52 (3/8) - 15.88 (5/8)		
Initial coolant fill	kg	1.7		3.0		3.2		
Prefilled for	m	20				20		
Max. length	m	5				5		
Max. length / Coolant refill	m/g/m	50 / 45		75 / 45		75 / 60		
Max. level difference (outdoor unit above / outdoor unit below)	m	30 / 20				30 / 20		
Coolant	-	R32				R410A		
Electrical features, outdoor unit								
Power supply	-	1~ 230V 50Hz	1~ 230V 50Hz or 3N~ 400V 50Hz	2~ 230V 50Hz or 3N~ 400V 50Hz	3~ 230V 50Hz or 3N~ 400V 50Hz	1~ 230V 50Hz or 3N~ 400V 50Hz		
Max. current	A	15.8	22.5	22.5	22.5	22.5		
Cable width (EN 60 335-1) (1)	mm²	2 x 0.75		3 x 6.00 or 5 x 4.00		3 x 6.00 or 5 x 4.00		
Indoor/outdoor connection (protected)	mm²	2 x 0.75 (2)				2 x 0.75 (2)		

(1) Data is for guidance purposes only. It is the installer's responsibility to ensure that these cable widths meet the needs of the facility and current standards.

(2) Sound levels (pressure) are measured in an anechoic chamber at 1.50 m below the unit (no ceiling under the unit), with an extraction duct at 1 m and a discharge duct at 2 m.










(3) To ensure a cooling mode at -15°C, this option must be activated. (V) Single-phase version.

* Data includes defrosting. To find out the data for your project, refer to our technical catalogs. ** Performance values are stated for RCI-FSR cassette units in accordance with Eurovent benchmarks.

Retail price per unit excluding taxes		(+eco part)						
Indoor unit		RCI-3.0FSR	RCI-4.0FSR	RCI-5.0FSR	RCI-6.0FSR	RCI-4.0FSR	RCI-5.0FSR	RCI-6.0FSR
	-	€2,055	€2,255	€2,560	€2,990	€2,255	€2,560	€2,990
800x800 cassette front panel		P-N23NA2				P-N23NA2		
	-	€375				€375		
External unit		RAS-3HVRC2	RAS-4H(V)RC2E	RAS-5H(V)RC2E	RAS-6H(V)RC2E	RAS-4HVNC2E	RAS-5HVNC2E	RAS-6HVNC2E
Single-phase	€1.167	€2,500	€3,750	€4,200	€4,555	€3,750	€4,200	€4,555
			RAS-4HRC2E	RAS-5HRC2E	RAS-6HRC2E	RAS-4HNC2E	RAS-5HNC2E	RAS-6HNC2E
Three-phase	-	€3,880	€4,300	€4,875	€3,880	€4,300	€4,875	
Wired remote control PC-ARFP1E		€230				€230		
	-	€230				€230		
Price for whole set								
Indoor unit + remote control + outdoor unit	Single-phase	€5,160	€6,610	€7,365	€8,150	€6,610	€7,365	€8,150
	Three-phase	-	€6,740	€7,465	€8,470	€6,740	€7,465	€8,470

Eco-participation is a net unit amount excluding taxes and is not discountable. It is added to the net price. The bundle includes: cassette unit, wired remote control PC-ARFP1E, outdoor unit.

Controls and compatible accessories (see the tab VRF TWIN controls)

 <p>Simple wired controller PC-ARH1E – Optional Price plus taxes: €180</p>	 <p>Infrared controller PC-AWR – Optional Price plus taxes: €210</p>	 <p>Intuitive multifunction cable control PC-ARFP1E Price plus taxes: €230</p>
 <p>Remote sensor THM-R2AE Price plus taxes: €60</p>	 <p>Infrared receiver PC-ALH3 Price plus taxes: €335</p>	 <p>Fresh air kit PD-75C Price plus taxes: €195</p>
 <p>Motion sensor PS-MSK2 Price plus taxes: €160</p>	 <p>Adjustable input/output contact connections PCC-1A Price plus taxes: €65</p>	 <p>Condensation drainage kit DDB-26 (4Hp models) DDB-12L (3Hp models) Price plus taxes: €25</p>