

Utopia Prime cassette unit

A R410 or R32 solution to meet the toughest technical restrictions



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)

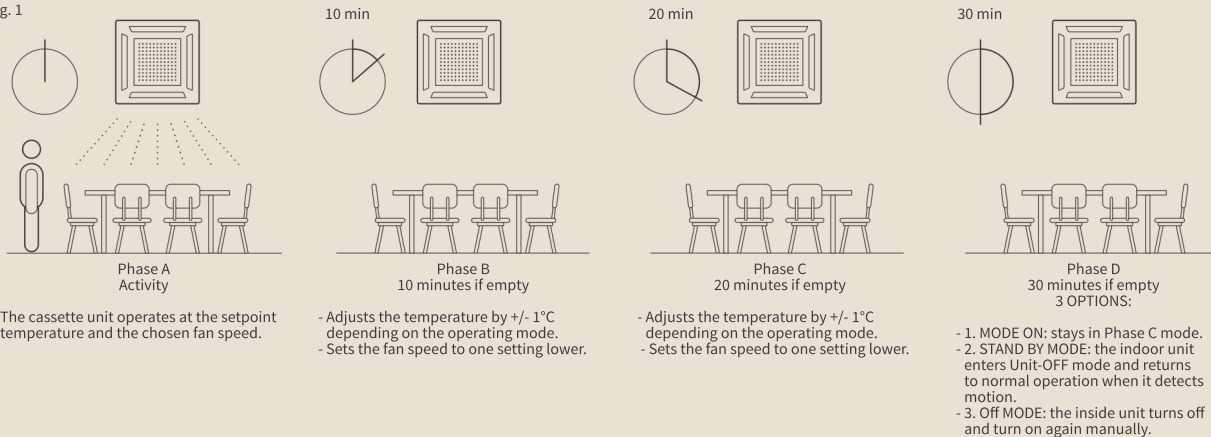
Compactness

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

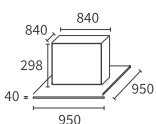
Installation time

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

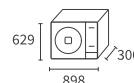


Indoor units

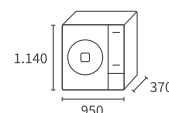


RCI-3.0FSR
RCI-4.0FSR
RCI-5.0FSR
RCI-6.0FSR

Outdoor units



RAS-3HVRC2



RAS-4H(V)RC2E
RAS-5H(V)RC2E
RAS-6H(V)RC2E
RAS-4H(V)NC2E
RAS-5H(V)NC2E
RAS-6H(V)NC2E

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)	m ³ /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)	mm ²	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)	m ³ /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)	mm ²	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)	mm ²	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-4H(V)NC2E	RAS-5H(V)NC2E	RAS-6H(V)NC2E
	Single-phase	€2,500	€3,750	€4,200	€4,555	€3,750	€4,200	€4,555
	Three-phase	-	€3,880	€4,300	€4,875	€3,880	€4,300	€4,875
Wired remote control PC-ARFP1E		€230				€230		
	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>