

# Utopia Prime RCI R32 cassette

800 x 800

5 to 14 kW (R32), Single-split and TWIN



## + FOR CONNECTIVITY

### airCloud Pro

- Remote control
- Multisite management



### airCloud Tap

- Easy commissioning
- **Optimized troubleshooting** (automated report of alarm history and operating parameters)

## + AIR QUALITY

### Protect your customers and employees

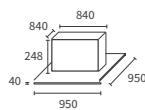
- **Standard ion filter:** Antibacterial, anti-fine particles
- **Optional ZPT filter:** Antivirus treatment with Zinc Pyrithione, G2-rated filter (EN779-2012)

## + FOR ENERGY COST SAVINGS

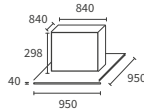
### Reduce your bills

- **Motion sensor (optional):** Optimize the function of the unit without reducing its comfort level
- **Consumption monitoring & ECO mode:** The wired remote control is your tool for simplicity.
- **Very high-performance range**

#### Indoor units

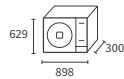


RCI-2.0FSR1  
RCI-2.5FSR1

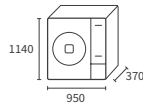


RCI-3.0FSR1  
RCI-4.0FSR1  
RCI-5.0FSR1  
RCI-6.0FSR1

#### Outdoor units



RAS-2HVRC3  
RAS-2.5HVRC3  
RAS-3HVRC3



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

## Compatible controls and accessories

The UTOPIA PRIME range is compatible with centralized GTB gateways (Modbus, KNX, BACnet) as standard.

#### Individual checks



Fully wired  
Ref.: PC-ARFG2-E(B)



Simple wired system  
Ref.: PC-ARC-E



Infrared (+ receiver)  
Ref.: PC-AWR  
(+ PC-ALHC1)

#### Centralized controls



Touch-sensitive  
Ref.: PSC-A32MN

#### CSNET Manager



CSNET Lite (web)



CSNET Manager  
2 SL (web)



CSNET Manager 2T10  
(web and touch)  
CSNET Manager 2T15  
(web and touch)

#### Remote access



airCloud Pro  
Ref.: HC-IOTGW

#### Indoor air quality



Fresh air kit  
Ref.: PD-75A



ZPT antivirus filter  
Ref.: F-160L-ZV



Remote sensor  
Ref.: THM R2AE



Motion sensor  
Ref.: SOR-MSK



Adjustable input/  
output contact  
connections  
Ref.: PCC 1A


#### Outdoor unit condensate



OU condensate  
evacuation kit  
Ref.: DBS-26 (4/5/6 HP)  
Ref.: DBS-12L (2/2,5/3 HP)

R32 REFRIGERANT							
Models	Unit	5kW 2 hp	5.6 kW 2.5 hp	7.1kW 3 hp	10.0kW 4 hp	12.5kW 5 hp	14.0kW 6 hp
<b>Performance, cooling</b>							
Nominal power input (+35°C outside / 27°C water)	kW	5.00 (5.60)	5.60 (6.30)	7.10 (8.00)	10.00 (11.20)	12.50 (14.00)	14.00 (14.00)
Nominal absorbed capacity	kW	1.19	1.31	2.26	2.70	3.71	4.29
EER	-	4.20	4.30	3.90		3.52	3.24
Energy class (D to A+++)	-	A++		A+	A++		-
States	%		293.0		294.0(V) - 262.0	261.0(V) - 251.8	291.0(V) - 287.0
SEER (average climate)	-	7.40	7.53	7.41	6.93(V) - 6.62	6.60 (V) - 6.37	7.35(V) - 7.25
Operating range <sup>(1)</sup>	°C	-15°C/+50°C (DB)			-15°C/+46°C (DB)		
<b>Performance, heating</b>							
Nominal power input (+5°C outside / 20°C water)	kW	5.00 (6.97)	5.60 (7.85)	7.10 (9.75)	10.00 (13.77)	12.50 (17.81)	14.00 (19.75)
Nominal absorbed capacity	kW	1.18	1.36	2.00	2.45	3.60	3.78
Euroto power to -7°C (max. to -10°C ext / 20°C int) <sup>(4)</sup>	kW	4.40 (5.40)	4.57 (6.08)	5.28 (6.40)	7.70 (10.34)	10.5 (12.13)	12.5 (13.15)
COP	-	4.23	4.12	4.40	4.23	3.98	4.40
Energy class (D to A+++)	-	A++		A+	A++		-
States	%	169.0	165.0		171.4	167.4(V) - 167.0	186.2
SCOP (average climate)	-	4.08	4.12	4.20	4.36	4.26 (V) - 4.25	4.73
Operating range	°C	-20°C/+15°C (WB)			-20°C/+18°C (WB)		
<b>Indoor units</b>	<b>Unit</b>	<b>RCI-2.0FSR1</b>	<b>RCI-2.5FSR1</b>	<b>RCI-3.0FSR1</b>	<b>RCI-4.0FSR1</b>	<b>RCI-5.0FSR1</b>	<b>RCI-6.0FSR1</b>
Sound pressure in Cooling mode (pressure) (low/medium/high speed1/high speed2) <sup>(2)</sup>	dB(A)	27/30/32/37	28/32/36/42	27/30/32/37	33/39/43/48	35/40/45/48	37/41/46/48
Sound power	dB(A)	55	56	57	64	64	65
Airflow in Cooling mode (Low/medium/high speed1/high speed2)	m <sup>3</sup> /h	660 / 840 / 1020 / 1320	840/1080/1380/1620	840/1080 / 1380 / 1620	1200/1440 / 1860 / 2220	1260/1560 / 1980 / 2220	1320/1680 / 2100 / 2220
Condensate pump included	-	yes					
Max. elevation	mm	850					
Box dimensions (H x W x D)	mm	298 x 840 x 840					
Panel dimensions (H x W x D)	mm	40 x 950 x 950					
Net weight of the box + panel	kg	21 + 6.5	22 + 6.5		26 + 6.50		
Cooling pipe diameter (Liq - Gas)	mm (inches)	6.35 (1/4) - 12.7 (1/2)		9.52 (3/8) - 15.88 (5/8)			
Condensate pipe diameter (out)	mm	32					
Power supply	-	1~ 230V 50 Hz					
Cable section <sup>(3)</sup>	mm <sup>2</sup>	3 x 1.5			3 x 2.5		
Remote control	-	PC-ARFG2-E(B) / PC-ARC-E					
<b>Outdoor units</b>	<b>Unit</b>	<b>RAS-2HVRC3</b>	<b>RAS-2.5HVRC3</b>	<b>RAS-3HVRC3</b>	<b>RAS-4H(V)RC2E</b>	<b>RAS-5H(V)RC2E</b>	<b>RAS-6H(V)RC2E</b>
Sound pressure in Cooling mode (Night mode) <sup>(2)</sup>	dB(A)	45 (42)	45 (43)	52 (48)	54 (51)		56 (51)
Sound power	dB(A)	65		68	70		71
Airflow (Cooling/Heating)	m <sup>3</sup> /h	2754 / 2754		2985 / 3420	4800 / 4800		
Dimensions (HxWxD)	mm	629 x 898 x 300		629 x 898 x 300	1140 x 950 x 370		
Net weight	kg	40		42	84 (V) - 86		
Compressor	-	Inverter DC rotary unit					
<b>Cooling properties</b>							
Diameter of pipes (Liq - Gas)	mm (inches)	6.35 (1/4) - 12.7 (1/2)		9.52 (3/8) - 15.88 (5/8)			
Initial refrigerant fill	kg	1.3		1.8	3.0		
Preloaded for	m	30			20		
Minimum length	m			5			
Maximum length/Added refrigerant	m / g/m	50 / 24		50 / 30	75 / 45		
Max. drop (outdoor unit top/bottom)	m			30 / 20			
Refrigerant	-	R32					
<b>Electrical features</b>							
Single-phase (Three-phase) power supply	-	1~ 230V 50 Hz + N + T			1~ 230V 50 Hz (3~ 400V 50 Hz) + N + T		
Maximum current	A	12.5		15.8	22.5 (V) - 15		
Cable section <sup>(3)</sup>	mm <sup>2</sup>	3 x 2.50		3 x 4.00	3 x 6.00 (V) - 5 x 4.00		
Indoor/outdoor connection (protected)	mm <sup>2</sup>	2 x 0.75					
<sup>(1)</sup> Data shown is for indication purposes only. It is the installer's responsibility to ensure that these Cable sections meet the needs of the facility and current standards.							
<sup>(2)</sup> 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.							
<sup>(3)</sup> To ensure a cooling mode at -15°C, this option must be activated.							
<sup>(4)</sup> Data includes defrosting. To find out the data for your project, refer to our technical catalogs.							
<sup>(V)</sup> Single-phase version.							
<b>Retail price per unit excluding taxes</b>							
<b>Indoor unit</b>		<b>RCI-2.0FSR1</b>	<b>RCI-2.5FSR1</b>	<b>RCI-3.0FSR1</b>	<b>RCI-4.0FSR1</b>	<b>RCI-5.0FSR1</b>	<b>RCI-6.0FSR1</b>
<b>Standard white panel</b>		<b>P-N23NA2</b>					
<b>Outdoor unit</b>	<b>Single-phase</b>	<b>RAS-2HVRC3</b>	<b>RAS-2.5HVRC3</b>	<b>RAS-3HVRC3</b>	<b>RAS-4HVRC2E</b>	<b>RAS-5HVRC2E</b>	<b>RAS-6HVRC2E</b>
	<b>Three-phase</b>	-	-	-	<b>RAS-4HRC2E</b>	<b>RAS-5HRC2E</b>	<b>RAS-6HRC2E</b>
<b>Wired remote control PC-ARFG2-E(B)</b>							
<b>Price for whole set</b>	<b>Single-phase</b>						
<b>Indoor unit + remote control + standard panel + outdoor unit</b>	<b>Three-phase</b>	-	-	-			

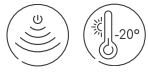
Compatible panels

TwinSense panel	Standard panel	Silent-Ionic	Silent-Ionic	Silent-Ionic with elevator screen
White Double sensors (for motion and radiant)	White/Black	White Design unique and exclusive	Black Design unique and exclusive	White Design with removable grille
				
<b>P-AP160NAE2</b>	<b>P-N23NA2/P-AP160KA3-EU</b>	<b>P-GP160NAP-EU</b>	<b>P-GP160KAP-EU</b>	<b>P-GP160NAPU-EU</b>

# Utopia Prime RCI R410A cassette

800 x 800

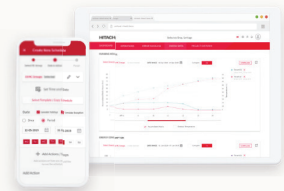
10 to 14 kW (R410A), Single-split and TWIN



## + FOR CONNECTIVITY

### airCloud Pro

- Remote control
- Multi-site management



## + AIR QUALITY

### Protect your customers and employees

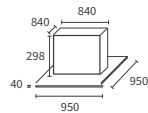
- **Standard ion filter:** Antibacterial, anti-fine particles
- **Optional ZPT filter:** Antibacterial treatment with Zinc Pyrithione, G2-rated filter (EN779-2012)

## + FOR ENERGY COST SAVINGS

### Reduce your bills

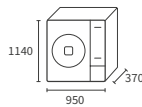
- **Motion sensor (optional):** Optimize the function of the unit without reducing its comfort level
- **Consumption monitoring & ECO mode:** The wired remote control is your tool for simplicity.
- **Very high-performance range**

#### Indoor units



RCI-4.0FSR1  
RCI-5.0FSR1  
RCI-6.0FSR1

#### Outdoor units



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

## Compatible controls and accessories

The UTOPIA PRIME range is compatible with centralized GTB gateways (Modbus, KNX, BACnet) as standard.

#### Individual checks



Fully wired  
Ref.: PC-ARFG2-E(B)

NEW



Simple wired system  
Ref.: PC-ARC-E



Infrared (+ receiver)  
Ref.: PC-AWR  
(+ PC-ALHC1)



Touch-sensitive  
Ref.: PSC-A32MN

#### CSNET Manager



CSNET Lite (web)



CSNET Manager  
2 SL (web)



CSNET Manager 2T10  
(web and touch)  
CSNET Manager 2T15  
(web and touch)

#### Remote access



airCloud Pro  
Ref.: HC-IOTGW

#### Indoor air quality



Fresh air kit  
Ref.: PD-75A



ZPT antivirus filter  
Ref.: F-160L-ZV

#### Indoor unit control accessories



Remote sensor  
Ref.: THM R2AE



Motion sensor  
Ref.: SOR-MSK



Adjustable input/  
output contact  
connections  
Ref.: PCC 1A

#### Outdoor unit condensate



OU condensate  
evacuation kit  
Ref.: DBS-26 (4/5/6 HP)

		R410A REFRIGERANT		
Models	Unit	10.0kW 4 hp	12.5kW 5 hp	14.0kW 6 hp
<b>Performance, cooling</b>				
Nominal power input (+35°C outside / 27°C water)	kW	10.00 (11.20)	12.50 (14.00)	14.00 (14.00 (V) - 16.00)
Nominal absorbed capacity	kW	2.70	3.71	4.29
EER	-	3.50	3.15	2.85
Energy class (D to A+++)	-	A++		-
States	%	-	251.0(V) - 242.2	277.4(V) - 273.8
SEER (average climate)	-	6.69(V) - 6.42	6.35 (V) - 6.13	7.01(V) - 6.92
Operating range <sup>(4)</sup>	°C	-15°C/+46°C (DB)		
<b>Performance, heating</b>				
Nominal power input (+5°C outside / 20°C water)	kW	10.00 (13.77)	12.50 (17.81)	14.90 (19.75)
Nominal absorbed capacity	kW	2.45	3.60	3.78
Eurovent power to -7°C (max. to -10°C ext / 20°C int) <sup>(5)</sup>	kW	7.70 (10.14)	10.5 (11.79)	12.5 (12.64)
COP	-	4.30	3.98	4.40
Energy class (D to A+++)	-	A+		-
States	%	-	166.6	185.4
SCOP (average climate)	-	4.40	4.24	4.71
Operating range	°C	-20°C/+18°C (WB)		
<b>Indoor units</b>				
	Unit	RCI-4.0FSR1	RCI-5.0FSR1	RCI-6.0FSR1
Sound pressure in Cooling mode (pressure) (low/medium/high speed1/high speed2) <sup>(2)</sup>	dB(A)	33/39/43/48	35/40/45/48	37/41/46/48
Sound power	dB(A)	64	64	65
Airflow in Cooling mode (Low/medium/high speed1/high speed2)	m <sup>3</sup> /h	1200/1440 / 1860 / 2220	1260/1560 / 1980 / 2220	1320/1680 / 2100 / 2220
Condensate pump included	-	yes		
Max. elevation	mm	850		
Box dimensions (H x W x D)	mm	298 x 840 x 840		
Panel dimensions (H x W x D)	mm	40 x 950 x 950		
Net weight of the box + panel	kg	26 + 6.50		
Cooling pipe diameter (Liq - Gas)	inches	3/8 - 5/8		
Condensate pipe diameter (out)	mm	32		
Power supply	-	1~ 230V 50 Hz		
Cable section <sup>(3)</sup>	mm <sup>2</sup>	3 x 2.5		
Remote control	-	PC-ARFG2-E(B) / PC-ARC-E		
<b>Outdoor units</b>				
	Unit	RAS-4H(V)NC2E	RAS-5H(V)NC2E	RAS-6H(V)NC2E
Sound pressure in Cooling mode (Night mode) <sup>(2)</sup>	dB(A)	54 (51)	54 (51)	56 (51)
Sound power	dB(A)	70	70	71
Airflow (Cooling/Heating)	m <sup>3</sup> /h	4800		
Dimensions (HxWxD)	mm	1140 x 950 x 370		
Net weight	kg	84 (V) - 86		
Compressor	-	Inverter DC rotary unit		
<b>Cooling properties</b>				
Diameter of pipes (Liq - Gas)	mm (inches)	9.52 (3/8) - 15.88 (5/8)		
Initial refrigerant fill	kg	3.2		
Preloaded for	m	20		
Minimum length	m	5		
Maximum length/Added refrigerant	m / g/m	75 / 60		
Max. drop (outdoor unit top/bottom)	m	30 / 20		
Refrigerant	-	R410A		
<b>Electrical features</b>				
Single-phase (Three-phase) power supply	-	1~ 230V 50 Hz (3~ 400V 50 Hz) + N + T		
Maximum current	A	22.5 (V) - 15		
Cable section <sup>(3)</sup>	mm <sup>2</sup>	3 x 6.00 (V) - 5 x 4.00		
Indoor/outdoor connection (protected)	mm <sup>2</sup>	2 x 0.75		
<sup>(1)</sup> Data shown is for indication purposes only. It is the installer's responsibility to ensure that these Cable sections meet the needs of the facility and current standards.				
<sup>(2)</sup> 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.				
<sup>(3)</sup> To ensure a cooling mode at -15°C, this option must be activated.				
<sup>(4)</sup> Data includes defrosting. To find out the data for your project, refer to our technical catalogs.				
<sup>(V)</sup> Single-phase version.				
<b>Retail price per unit excluding taxes</b>				
<b>Indoor unit</b>		RCI-4.0FSR1	RCI-5.0FSR1	RCI-6.0FSR1
<b>Standard white panel</b>		P-N23NA2		
<b>Outdoor unit</b>	Single-phase	RAS-4HVNC2E	RAS-5HVNC2E	RAS-6HVNC2E
	Three-phase	RAS-4HNC2E	RAS-5HNC2E	RAS-6HNC2E
Wired remote control PC-ARFG2-E(B)				
Price for whole set		Single-phase		
Indoor unit + remote control + standard panel + outdoor unit		Three-phase		

## Compatible panels

TwinSense panel	Standard panel	Silent-Ionic	Silent-Ionic	Silent-Ionic with elevator screen
White Double sensors (for motion and radiant)	White/Black	White Design unique and exclusive	Black Design unique and exclusive	White Design with removable grille
				
P-AP160NAE2	P-N23NA2/P-AP160KA3-EU	P-GP160NAP-EU	P-GP160KAP-EU	P-GP160NAPU-EU