

# Cassettes

## HIGH EFFICIENCY UTOPIA IVX COMFORT



SYSTEM  
FREE



RCI 3-6FSN4



'SILKY FLOW' LOUVRES

### Indoor units

- /// Nominal cooling capacities 7.1kW to 14.0kW
- /// Nominal heating capacities 8.0kW to 16.0kW
- /// Standard 900mm x 900mm design
- /// New heat exchanger and Super High Stream turbo fan with curved blades for 20% increased efficiency with noise levels as low as 28dB(A)
- /// Optional motion sensor adjusts heating and cooling levels as room occupancy changes allowing high energy savings
- /// Built-in condensate drain pump with ionic silver antibacterial pads to prevent mould and bacteria
- /// Suitable for installation in areas with high ceilings – ideal for retail and shopping centres.



PC ARFPE

### Remote controllers

- /// Advanced PC-ARFPE wired LED controller (inc. 7-day time clock)
  - 5 time ranges with different temperatures (reduced, weekly, holiday etc)
  - Service menu and optional function menus, *add your contact details to be shown when there is an error*
  - Individual Louvre control (High Efficiency cassette only)
- /// Alternative option: infra-red or simplified remote control



RAS 3HVNC1



RAS 4-5-6H(V)NC1E

### Outdoor units

- /// Compact design - single fan (up to 6HP)
- /// Fully ErP compliant with A++ seasonal efficiency
- /// Available in single phase and three phase



RCI 3-6FSN4

# UTOPIA IVX COMFORT

## High Efficiency 4-Way Cassette



### INDOOR UNITS

		RCI 3.0FSN4	RCI 4.0FSN4	RCI 5.0FSN4	RCI 6.0FSN4
Nominal Cooling Capacity (min - max) <sup>(1)</sup>	<i>kW</i>	7.1 (3.2 - 8.0)	10 (4.5 - 11.2)	12.5 (5.7 - 14.0)	14.0 (6.0 - 16.0)
Nominal Heating Capacity (min - max) <sup>(2)</sup>	<i>kW</i>	8.0 (3.5 - 10.6)	11.2 (5.0 - 14.0)	14.0 (5.0 - 16.0)	16.0 (5.0 - 18.0)
UK Cooling Capacity (sensible) <sup>(3)</sup>	<i>kW</i>	7.7 (6.2)	10.6 (8.2)	13.2 (9.5)	15.7 (10.8)
Seasonal Efficiency SEER <sup>(4)</sup>		6.00	6.57	-	-
Energy Efficiency Class		A+	A++	-	-
Seasonal Efficiency SCOP <sup>(4)</sup> (Average Climate)		4.21	4.47	-	-
Energy Efficiency Class		A+	A+	-	-
Nominal Load Efficiency EER / COP <sup>(5)</sup>		3.14 / 4.0	3.7 / 4.57	3.37 / 3.89	3.26 / 3.56
Energy Class (Cool/Heat)		B / A	A / A	A / A	A / B
Noise Level (sound pressure) (L/M/H/H2) <sup>(6)</sup>	<i>dB(A)</i>	28/32/36/42	33/39/43/48	35/40/45/48	37/41/46/48
Noise level (sound power) <sup>(6)</sup>	<i>dB(A)</i>	57	64	64	65
Air flow cooling mode (L/M/H/H2)	<i>m³/h</i>	840/1080/1380/1620	1200/1440/1860/2220	1260/1560/1980/2220	1320/1680/2100/2220
Dimensions (H x W x D)	<i>mm</i>	298 x 840 x 840	298 x 840 x 840	298 x 840 x 840	298 x 840 x 840
Weight	<i>kg</i>	26	26	26	26
Fascia Panel				P-N23NA2	
Optional Motion Sensor kit				PS-MSK2	
Fascia Panel Dimensions	<i>mm</i>	40 x 950 x 950	40 x 950 x 950	40 x 950 x 950	40 x 950 x 950
Fascia Panel Weight	<i>kg</i>	6.5	6.5	6.5	6.5
Included Condensate Pump		yes	yes	yes	yes
Condensate Pump Lift		850 mm from the bottom edge of the unit			
Drain Diameter (ext)		φ32mm	φ32mm	φ32mm	φ32mm
Piping Diameter (Liquid / Gas)	<i>Inch</i> <i>mm</i>	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88
Power Input	<i>w</i>	57	127	127	127
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	<i>A</i>	5	5	5	5
Remote Controller		PC-ARFPE ( infra-red and simplified model optional)			

\* Four fan speeds only available with PC-ARFPE wired controller

### OUTDOOR UNITS

		RAS 3HVNC1	RAS 4H(V)NC1E	RAS 5H(V)NC1E	RAS 6H(V)NC1E
Power supply		230V / 1Ph / 50Hz	(230V / 1Ph / 50Hz) - 400V / 3Ph / 50Hz		
Noise level cooling (sound pressure) (night mode) <sup>(7)</sup>	<i>dB(A)</i>	48 (46)	52 (50)	52 (50)	55 (53)
Noise level heating (sound pressure) <sup>(7)</sup>	<i>dB(A)</i>	50	54	54	57
Noise level (sound power) <sup>(8)</sup>	<i>dB(A)</i>	66	68	68	71
Air flow (Cooling / Heating)	<i>m³/h</i>	2682	3720	4080	4800
Dimensions (H x W x D)	<i>mm</i>	600 x 792 x 300	1140 x 950 x 370	1140 x 950 x 370	1140 x 950 x 370
Weight	<i>kg</i>	44	79	89	89
Piping diameter (Liquid / Gas)	<i>Inch</i> <i>mm</i>	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88
Minimum Piping Length	<i>m</i>	5	5	5	5
Maximum Piping Length / Height Difference	<i>m</i>	50 / 30	70 / 30	75 / 30	75 / 30
Current Quantity of Refrigerant	<i>kg</i>	1.9	3.2	3.2	3.2
Chargeless / Additional Refrigerant Charge	<i>m / g/m</i>	20 / 40	30 / 40	30 / 60	30 / 60
Recommended fuse size - 1Ph/3Ph	<i>A</i>	20/-	32/16	32/16	32/16
Starting current - 1Ph/3Ph	<i>A</i>	<10	<10	<10	<10
Running current (cooling / heating) 1Ph (3Ph)	<i>A</i>	9.4/8.3 (-/-)	11.2/10.1 (4.1/3.7)	15.5/15.1 (6.7/5.5)	18.1/19.0 (6.6/6.9)
Interconnecting Cables	<i>No.</i>	LNE + 2 core screened			
Working Range (cooling / heating)	<i>°C</i>	-5°C~-46(dB)°C / -20(wb)°C~-15(wb)°C			
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll	Scroll
System Price - (1Ph) (P-N23NA2)	£	2,411	3,193	3,686	3,986
System Price - (3Ph) (P-N23NA2)	£	-	3,193	3,686	3,990

System price includes PC-ARFPE wired remote controller.

(1) Nominal Cooling: Internal temperature 27°C db (19°C wb) - Ambient 35°C

(2) Nominal Heating: Internal temperature 20°C - Ambient 7°C db (6°C wb)

(3) UK Cooling: Internal Temperature 23°C db (16°C wb) - Ambient 30°C

(4) Data calculated in accordance to prEN14825 and the Commission Communication 2012/C 172/01

(5) Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C)

(6) Sound pressure level is measured at 1.5m below the unit (Measured in an anechoic chamber)

(7) Sound pressure level is measured at 1.0m from the unit front surface and 1.5m from floor level (Measured in an anechoic chamber)

(8) Sound power level is the A-weighted sound power level [dB(A)] measured at standard rated conditions for the «cooling» mode operation in accordance to EN12102.