

Utopia Split Systems

HI-EFFICIENCY CEILING SUSPENDED



SYSTEM
FREE



RPC 2-6FSN3



PC ARFPE



RAS 2-2.5HVP1



RAS 3HVNP1E



RAS 4-6H(V)NP1E

Indoor units

- /// Nominal cooling capacities 5.0kW to 14.0kW
- /// Nominal heating capacities 5.6kW to 16.0kW
- /// Drain lines connectable in two alternative locations for easy installation
- /// Fully adjustable mounting brackets allow installation in even the smallest area
- /// Centrifugal multi-blade fan and electronic louvre with automatic movement creates a powerful, quiet and evenly distributed airflow.

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*
- /// Alternative option: infra-red or simplified remote control

Outdoor units

- /// New DC inverter compressor for improved low-speed and part-load seasonal performance
- /// SCOP of up to 4.49 A+ rating and SEER of up to 6.53 A++ rating
- /// Adjust temperature settings according to occupancy and external environmental conditions to save on energy
- /// All IVX Premium models are ErP compliant, exceeding the 2014 ErP Lot 10 standards.



RPC 2-6FSN3

UTOPIA IVX PREMIUM

Hi-Efficiency Ceiling Suspended



INDOOR UNITS (HI EFFICIENCY)

		RPC 2.0FSN3	RPC 2.5FSN3	RPC 3.0FSN3	RPC 4.0FSN3	RPC 5.0FSN3	RPC 6.0FSN3
Nominal Cooling Capacity (min - max) ⁽¹⁾	kW	5.0 (2.2 - 5.6)	7.1 (3.2 - 8.0)	7.1 (3.2 - 8.0)	10.00 (4.50 - 11.20)	12.50 (5.70 - 14.00)	14.0 (6.0 - 16.0)
Nominal Heating Capacity (min - max) ⁽²⁾	kW	5.6 (2.2 - 7.1)	8.0 (3.5 - 10.6)	8.0 (3.5 - 10.6)	11.20 (5.00 - 14.00)	14.00 (5.00 - 16.00)	16.0 (5.0 - 20.0)
UK Cooling Capacity (sensible) ⁽³⁾	kW	5.3 (3.8)	5.9 (4.2)	7.7 (5.5)	10.6 (7.6)	13.2 (9.5)	15.7 (11.3)
Seasonal Efficiency SEER ⁽⁴⁾		5.63	5.49	5.87	6.53	-	-
Energy Efficiency Class		A+	A	A+	A++	-	-
Seasonal Efficiency SCOP ⁽⁴⁾ (Average Climate)		4.44	4.49	4.00	4.23	-	-
Energy Efficiency Class		A+	A+	A+	A+	-	-
Nominal Load Efficiency EER / COP ⁽⁵⁾		3.72 / 4.06	4.0 / 4.12	3.68 / 4.15	4.48 / 4.44	3.38 / 4.09	3.11 / 3.86
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A	A / A	B / A
Noise Level (sound pressure) (L/M/H/H2) ⁽⁶⁾	dB(A)	28/31/35/38	28/31/35/38	29/33/37/40	32/37/42/44	35/41/45/48	36/42/47/49
Noise level (sound power) ⁽⁸⁾	dB(A)	54	54	56	60	64	65
Air flow cooling mode (L/M/H/H2)	m³/h	540/660/780/900	690/840/990/1140	750/930/1110/1260	1020/1320/1590/1800	1200/1530/1860/2100	1260/1620/1950/2220
Dimensions (H x W x D)	mm	235x960x690	235x1270x690	235x1270x690	235x1580x690	235x1580x690	235x1580x690
Weight	kg	27	35	35	41	41	41
Included Condensate Pump		Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Drain Diameter (ext)		ø25mm	ø25mm	ø25mm	ø25mm	ø25mm	ø25mm
Piping Diameter (Liquid / Gas)	inch / mm	1/4 / 5/8 6.35 / 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	3/8 / 5/8 9.53 / 15.88	3/8 / 5/8 9.53 / 15.88
Power Input	w	50	80	80	160	160	160
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	5	5	5	5	5	5
Motion Sensor Kit		SOR-NEP					
Remote Controller		PC - ARFPE (simplified model or optional infra-red)					

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

OUTDOOR UNITS

		RAS 2HVN1	RAS 2.5HVN1	RAS 3HVN1	RAS 4H(V)NP1E	RAS 5H(V)NP1E	RAS 6H(V)NP1E
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	400V / 3Ph / 50Hz (230V / 1Ph / 50Hz)		
Noise level cooling (sound pressure) (night mode) ⁽⁷⁾	dB(A)	44 (42)	45 (43)	46 (42)	47 (43)	48 (44)	48 (45)
Noise level heating (sound pressure) ⁽⁷⁾	dB(A)	46	47	48	49	50	50
Noise level (sound power) ⁽⁸⁾	dB(A)	62	63	63	63	64	65
Air flow (Cooling / Heating)	m³/h	2436	2436	2700	4800	5400	6000
Dimensions (H x W x D)	mm	600 x 792 x 300	600 x 792 x 300	800 x 950 x 370	1380 x 950 x 370	1380 x 950 x 370	1380 x 950 x 370
Weight	kg	43	43	66	103	103	103
Piping diameter (Liquid / Gas)	inch / mm	1/4 / 1/2 6.35 / 12.7	1/4 / 1/2 6.35 / 12.7	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	m	5	5	5	5	5	5
Maximum Piping Length / Height Difference	m	50 / 30	50 / 30	50 / 30	75 / 30	75 / 30	75 / 30
Current Quantity of Refrigerant	kg	1.6	1.6	2.3	4.1	4.2	4.2
Chargeless / Additional Refrigerant Charge	m / g/m	30 / 30	30 / 30	30 / 40	30 / 60	30 / 60	30 / 60
Recommended fuse size - 1Ph/3Ph	A	16/-	20/-	20/-	32/16	32/16	32/16
Starting current - 1Ph/3Ph	A	<10	<10	<10	<10	<10	<10
Running current (cooling / heating) 1Ph (3Ph)	A	5.1/4.9 (-/-)	5.4/5.7 (-/-)	6.4/6.7 (-/-)	8.7/8.9 (3.2/3.2)	13.7/12.8 (5.0/4.7)	17.3/15.9 (6.3/5.8)
Interconnecting Cables	No.	LNE + 2 core screened					
Working Range (cooling / heating)	°C	-5°C~-46(db)°C / -20(wb)°C~-15(wb)°C					
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Rotary	Scroll	Scroll	Scroll
System Price - (1Ph)	(£)	2,337	2,590	3,225	4,065	4,368	5,017
System Price - (3Ph)	(£)	-	-	-	4,257	4,473	5,190

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 1.0m below the unit and 1.0m from the discharge louvre (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.