

Utopia Split Systems

HI-EFFICIENCY CEILING SUSPENDED



SYSTEM
FREE



RPC 3-6FSN3

Indoor units

- /// Nominal cooling capacities
7.1kW to 14.0kW
- /// Nominal heating capacities
8.0kW 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.



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*
- /// 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
- /// Available in single phase
and three phase.



RPC 3-6FSN3

UTOPIA IVX COMFORT

Hi-Efficiency Ceiling Suspended



INDOOR UNITS (HI EFFICIENCY)

		RPC 3.0FSN3	RPC 4.0FSN3	RPC 5.0FSN3	RPC 6.0FSN3
Nominal Cooling Capacity (min - max) ⁽¹⁾	kW	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	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	7.7 (5.5)	10.6 (7.6)	13.2 (9.5)	15.6 (11.2)
Seasonal Efficiency SEER ⁽⁴⁾		5.29	5.02	-	-
Energy Efficiency Class		A	B	-	-
Seasonal Efficiency SCOP ⁽⁴⁾ (Average Climate)		4.13	3.90	-	-
Energy Efficiency Class		A+	A	-	-
Nominal Load Efficiency EER / COP ⁽⁵⁾		3.10 / 3.43	3.08 / 3.85	2.72 / 3.55	2.55 / 3.64
Energy Class (Cool/Heat)		B / B	B / A	D / B	E / A
Noise Level (sound pressure) (L/M/H/H2) ⁽⁶⁾	dB(A)	29/33/37/40	32/37/42/44	35/41/45/48	36/42/47/49
Noise level (sound power) ⁽⁸⁾	dB(A)	56	60	64	65
Air flow cooling mode (L/M/H/H2)	m³/h	750/930/1110/1260	1020/1320/1590/1800	1200/1530/1860/2100	1260/1620/1950/2220
Dimensions (H x W x D)	mm	235x1270x690	235x1580x690	235x1580x690	235x1580x690
Weight	kg	35	41	41	41
Included Condensate Pump		Opt.	Opt.	Opt.	Opt.
Drain Diameter (ext)		ø25mm	ø25mm	ø25mm	ø25mm
Piping Diameter (Liquid / Gas)	Inch mm	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	80	160	160	160
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Recommended fuse size	A	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 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) ⁽⁷⁾	dB(A)	48 (46)	52 (50)	52 (50)	55 (53)
Noise level heating (sound pressure) ⁽⁷⁾	dB(A)	50	54	54	57
Noise level (sound power) ⁽⁸⁾	dB(A)	66	68	68	71
Air flow (Cooling / Heating)	m³/h	2682	3720	4080	4800
Dimensions (H x W x D)	mm	600 x 792 x 300	1140 x 950 x 370	1140 x 950 x 370	1140 x 950 x 370
Weight	kg	44	79	89	89
Piping diameter (Liquid / Gas)	Inch mm	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
Maximum Piping Length / Height Difference	m	50 / 30	70 / 30	75 / 30	75 / 30
Current Quantity of Refrigerant	kg	1.9	3.2	3.2	3.2
Chargeless / Additional Refrigerant Charge	m / g/m	20 / 40	30 / 40	30 / 60	30 / 60
Recommended fuse size - 1Ph/3Ph	A	20/-	32/16	32/16	32/16
Starting current - 1Ph/3Ph	A	<10	<10	<10	<10
Running current (cooling / heating) 1Ph (3Ph)	A	9.4/8.3 (-/-)	11.2/10.1 (4.1/3.7)	15.5/15.1 (5.7/5.5)	18.1/19.0 (6.6/6.9)
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
Compressor type		Scroll	Scroll	Rotary	Scroll
System Price - (1Ph)	(£)	2,566	3,413	3,963	4,362
System Price - (3Ph)	(£)	-	3,413	3,963	4,366

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.