

Ducted in the Ceiling

UTOPIA IXV PREMIUM



RPI 2-6FSN4E



RPI 8-10FSN3E



PC ARFPE



RAS 2-2.5HVP1



RAS 3HVP1E



RAS 4-10H(V)NP1E

Indoor units

- /// Nominal cooling capacities
5.0kW to 25.0kW
- /// Nominal heating capacities
5.6kW to 28.0kW
- /// Possible to supply fresh air:
Econofresh see pages 160-161
- /// Low consumption motor
- /// 4 speed, 3 static pressure levels,
including zero pressure setting
- /// Easily accessible filters.

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

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



RPI 2-6FSN4E

UTOPIA IVX PREMIUM

Ducted in the Ceiling



INDOOR UNITS

		RPI 2.0FSN5E	RPI 2.5FSN5E	RPI 3.0FSN5E	RPI 4.0FSN5E	RPI 5.0FSN5E	RPI 6.0FSN5E	RPI 8.0FSN3E	RPI 10.0FSN3E
Nominal Cooling Capacity (min - max) ⁽¹⁾	kW	5.0 (2.2 - 5.6)	5.6 (2.2 - 6.3)	7.1 (3.2 - 8.0)	10 (4.5 - 11.2)	12.5 (5.7 - 14.0)	14.0 (6.0 - 16.0)	20.0 (8.0 - 22.4)	25.0 (10.0 - 28.0)
Nominal Heating Capacity (min - max) ⁽²⁾	kW	5.6 (2.2 - 7.1)	6.3 (2.2 - 8.0)	8.0 (3.5 - 10.6)	11.2 (5.0 - 14.0)	14.0 (5.0 - 16.0)	16.0 (5.0 - 18.0)	22.4 (6.3 - 28.0)	28.0 (8.0 - 35.0)
UK Cooling Capacity (sensible) ⁽³⁾	kW	5.3 (4.7)	5.9 (5.1)	7.7 (6.2)	10.6 (8.2)	13.2 (9.5)	15.7 (10.8)	21.1 (16.2)	26.1 (18.8)
Seasonal Efficiency SEER ⁽⁴⁾		5.60	5.51	6.05	6.45	-	-	-	-
Energy Efficiency Class		A+	A	A+	A++	-	-	-	-
Seasonal Efficiency SCOP ⁽⁴⁾ (Average Climate)		4.01	4.33	4.00	4.23	-	-	-	-
Energy Efficiency Class		A+	A+	A+	A+	-	-	-	-
Nominal Load Efficiency EER / COP ⁽⁵⁾		3.54 / 3.73	3.49 / 3.81	3.5 / 3.95	3.92 / 4.23	3.42/3.92	3.07 / 3.64	3.05 / 3.25	2.93 / 3.22
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A	A / A	B / A	B / C	C / C
Noise Level (sound pressure) (L / M / H) ⁽⁶⁾ (SP-00)	dB(A)	27/29/29	28/30/30	29/31/31	32/35/37	33/35/38	33/36/39	51/54/54	52/55/55
Noise level (sound power) ⁽⁷⁾ (SP-00)	dB(A)	55	56	57	62	65	66	77	78
Air flow cooling mode (L / M / H)	m³/h	600/750 /960	780/960/1140	960/1140/1320	1500/1680/1800	1740/1920/2100	1800/1980/2160	3570/3960/3960	4056/4500/4500
Static Pressure Nom. (min ~ max)	Pa	30 (0~120)	30 (0~125)	30 (0 - 125)	45 (0 - 120)	50 (0 - 140)	50 (0 - 140)	140 - 220	140 - 220
Dimensions (H x W x D)	mm	275 x 1084 x 600	275x1084x600	275 x 1084 x 600	275 x 1474 x 600	275 x 1474 x 600	275 x 1474 x 600	423 x 1592 x 600	423 x 1592 x 600
Weight	kg	35	36			48		85	87
Included Condensate Pump		yes						no	
Condensate Pump Lift		850 mm from the bottom edge of the unit						-	-
Drain Diameter (ext)		ø32mm	ø32mm	ø32mm	ø32mm	ø32mm	ø32mm	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	3/8 / 3/4 9.53 / 19.05	3/8 / 7/8 9.53 / 22.2
Power Input	w	60	150			250		1065	
Power supply		230V / 1Ph / 50Hz							
Recommended fuse size	A	5						10	
Remote Controller		PC ARFPE (infra-red and simplified model optional)							

OUTDOOR UNITS

		RAS 2HVNPI	RAS 2.5HVNPI	RAS 3HVNPI	RAS 4H(V)NP1E	RAS 5H(V)NP1E	RAS 6H(V)NP1E	RAS 8HNPE	RAS 10HNPE
Power supply		230V / 1Ph / 50Hz			(230V / 1Ph / 50Hz) 400V / 3Ph / 50Hz		230V / 1Ph / 50Hz	400V / 3Ph / 50Hz	
Noise level cooling (sound pressure) (night mode) ⁽⁷⁾	dB(A)	44 (42)	45 (43)	46 (42)	47 (43)	48 (44)	48 (45)	57 (55)	58 (56)
Noise level heating (sound pressure) ⁽⁷⁾	dB(A)	46	47	48	49	50	50	59	60
Noise level (sound power) ⁽⁸⁾	dB(A)	62	63	63	63	64	65	76	76
Air flow (Cooling / Heating)	m³/h	2436	2436	2700	4800	5400	6000	7620	8040
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	1380 x 950 x 370	1380 x 950 x 370
Weight	kg	43	43	66	103	103	103	136	138
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	3/8 / 11/8 9.53 / 28.61	1/2 / 11/8 12.07 / 28.61
Minimum Piping Length	m	5	5	5	5	5	5	5	5
Maximum Piping Length / Height Difference	m	50 / 30	50 / 30	50 / 30	75 / 30	75 / 30	75 / 30	100 / 30	100 / 30
Current Quantity of Refrigerant	kg	1.6	1.6	2.3	4.1	4.2	4.2	5.7	6.2
Chargeless / Additional Refrigerant Charge	m / g/m	30 / 30	30 / 30	30 / 40	30 / 60	30 / 60	30 / 60	30 / Calculate	30 / Calculate
Recommended fuse size - 1Ph/3Ph	A	16/-	20/-	20/-	32/16	32/16	32/16	-/32	-/32
Starting current (1Ph/3Ph)	A	<10	<10	<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)	8.6/8.1	12.6/11.3
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	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll
System Price (1Ph)	(£)	2,006	2,230	2,839	3,679	3,957	4,438	-	-
System Price (3Ph)	(£)	-	-	-	3,871	4,062	4,611	6,172	6,956

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