

Set Free VRF Systems

	Mini 2-pipe	Sideflow 2-pipe	Modular 2 or 3-pipe	
	RAS 4 ~ 6FS(V)N(Y)2E	RAS 8 ~ 12FSNM	Std - Efficiency RAS 8 ~ 54FSXN	Hi-Efficiency RAS 5 ~ 36FSXNH-(P)
Nominal Cooling Capacity (kW)	11.2 ~ 15.5	22.4 ~ 33.5	22.4 ~ 150.0	14.0 ~ 100.0
Nominal Heating Capacity (kW)	12.5 ~ 18.0	25.0 ~ 37.5	25.0 ~ 165.0	16.0 ~ 112.0
Min - Max Indoor Units ⁽²⁾	1 - 12	1 - 10	1 - 64	1 - 59
Connected Capacity (Min - Max)	50% - 130%	50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽¹⁾	4.12 / 4.17	3.56 / 4.24	3.85 / 4.17	4.70 / 4.73
Energy Class (Cool/Heat)	A / A	A / A	A / A	A / A
Refrigerant / GWP	R410A / 1975	R410A / 1975	R410A / 1975	R410A / 1975
Operating Range (Cooling)	-5°C / +46°C	-5°C / +46°C	-5°C / +46°C	-5°C / +46°C
Operating Range (Heating)	-20(wb)°C / +15(wb)°C	-20(wb)°C / +15(wb)°C	-20(wb)°C / +15(wb)°C	-15(wb)°C / +15(wb)°C
Remote Controller Type	Infra Red or Wired	Infra Red or Wired	Infra Red or Wired	Infra Red or Wired

⁽¹⁾ Selected Models

⁽²⁾ Maximum indoor unit quantity dependant on Outdoor Capacity

Did you know?

Cold Draft Prevention is standard across the Set Free VRF range





Features and Benefits

FS(V)(Y)N2E Mini 2-pipe

RAS-FSVN2E and RAS-FSNY2E

- Capacities from 11.2kW to 18.0kW
- Compact design
- Connect up to 9 indoors per outdoor unit, minimising pipework required, with individual control
- New DC Inverter scroll compressor
- Single phase
- Low sound pressure of 42dB(A)
- High energy efficiency.

FSNM Sideflow 2-pipe

RAS-FSNM

- Capacities from 22.4kW to 37.5kW
- Compact design with side flow discharge
- Connect up to 10 indoors per outdoor unit, minimising pipework required, with individual control
- Connection ratios between 50% and 130% in relation to outdoor capacity
- Three phase
- Low sound pressure of 42dB(A)
- High energy efficiency.

FSXN Modular 2 or 3-pipe

RAS-FSXN

- Capacities from 22.4kW to 165.0kW
- Lightweight and modular 2-pipe heat pump or 3-pipe heat recovery from a single unit to adapt to customer requirements (requires CH Box)
- Low noise – select from 3 settings with up to 8dB noise reduction.

FSXNH Modular High efficiency 2 or 3-pipe

RAS-FSXNH

- Capacities from 14.0kW to 100.0kW
- Market-leading energy efficiency
- Japanese Energy Efficiency and Conservation Award 2013 winner
- Lightweight and modular 2-pipe heat pump 3-pipe heat recovery from a single unit to adapt to customer requirements (requires CH Box)
- Smallest capacity 3-pipe heat recovery unit on the market
- Piping lengths up to 1000m and improved height difference
- Connection ratios up to 150% in relation to outdoor capacity.



Compatible with heat recovery modules, active heat exchangers, and air curtains.

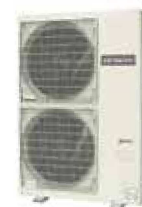
Compatible with H-LINK II and CS Net Web.

Optional integration with all leading BMS protocols.



Set Free VRF Systems

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RAS-FS(V)(Y)N2E

Mini 2-pipe

Outdoor Unit		RAS-4FSVN2E	RAS-4FSNY2E	RAS-5FSVN2E	RAS-5FSNY2E	RAS-6FSVN2E	RAS-6FSNY2E
Power supply (1Ø/3Ø)		230V / 1Ph / 50Hz	400V / 3Ph / 50Hz	230V / 1Ph / 50Hz	400V / 3Ph / 50Hz	230V / 1Ph / 50Hz	400V / 3Ph / 50Hz
Nominal Cooling Capacity (min - max)	kW	11.2 (5.6 - 11.2)	11.2 (5.6 - 11.2)	14.0 (7.0 - 14.0)	14.0 (7.0 - 14.0)	15.5 (7.8 - 15.5)	15.5 (7.8 - 15.5)
Nominal Heating Capacity (min - max)	kW	12.5 (6.3 - 12.5)	12.5 (6.3 - 12.5)	16.0 (8.0 - 16.0)	16.0 (8.0 - 16.0)	18.0 (9.0 - 18.0)	18.0 (9.0 - 18.0)
UK Cooling Capacity	kW	9.9 (4.9 ~ 9.9)	9.9 (4.9 ~ 9.9)	12.5 (6.2 ~ 12.5)	12.5 (6.2 ~ 12.5)	13.6 (6.8 ~ 13.6)	13.6 (6.8 ~ 13.6)
Minimum - Maximum Indoor Units ⁽¹⁾		1 - 8	1 - 8	1 - 10	1 - 10	1 - 12	1 - 12
Minimum - Maximum connected capacity		50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽²⁾		4.07 / 4.13	4.12 / 4.17	3.61 / 3.81	3.65 / 3.85	3.32 / 3.67	3.35 / 3.71
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A	A / A	A / A
Noise level cooling (sound pressure) (night mode)	dB(A)	49 (45)	49 (45)	51 (47)	51 (47)	51 (48)	51 (48)
Noise level heating (sound pressure)	dB(A)	51	51	53	53	53	53
Noise level (sound power) ⁽³⁾	dB(A)	tbc	tbc	tbc	tbc	tbc	tbc
Air flow (Cooling / Heating)	m³/h	5400	5400	5400	5400	6000	6000
Dimensions (H x W x D)	mm	1380x950x370	1380x950x370	1380x950x370	1380x950x370	1380x950x370	1380x950x370
Weight	kg	100	102	100	102	100	102
Piping diameter (Liquid / Gas)	Inch	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8
	mm	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88
Total Piping Length / Height Difference	m	125 / 30	125 / 30	135 / 30	135 / 30	135 / 30	135 / 30
Max Piping Length (outdoor to indoor)	m	75	75	75	75	75	75
Current Quantity of Refrigerant	kg	3.6	3.6	3.6	3.6	3.6	3.6
Chargeless / Additional Refrigerant Charge	m / g/m	calculate	calculate	calculate	calculate	calculate	calculate
Recommended fuse size	A	32	16	32	16	32	16
Starting current	A	<10	<10	<10	<10	<10	<10
Running current (cooling / heating)	A	12.2 / 13.4	4.1 / 4.6	17.2 / 18.6	5.8 / 6.3	20.7 / 21.7	7.0 / 7.4
Working Range (cooling / heating)	°C	-5°C~46(db)°C / -20°C~15(wb)°C					
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll

⁽¹⁾ Maximum Indoor Units - restrictions apply see Technical Catalogue

⁽²⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C) Outdoor input only

⁽³⁾ 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

Did you know?

Our Set Free VRF can connect to any indoor units from our System Free range for ultimate flexibility



RAS FSNM

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Set Free VRF Systems



Sideflow 2-pipe

Outdoor Unit		RAS 8FSNM	RAS 10FSNM	RAS 12FSNM
Power supply		415V / 3Ph / 50Hz	415V / 3Ph / 50Hz	415V / 3Ph / 50Hz
Nominal Cooling Capacity	kW	22.4	28.0	33.5
Nominal Heating Capacity	kW	25.0	31.5	37.5
UK Cooling Capacity	kW	20.8	26.0	31.2
Minimum - Maximum Indoor Units ⁽¹⁾		1 - 10	1 - 10	1 - 10
Minimum - Maximum connected capacity		50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽²⁾		3.56 / 4.24	3.37 / 4.04	3.13 / 3.79
Energy Class (Cool/Heat)		A / A	A / A	B / A
Noise level cooling (sound pressure) (night mode)	dB(A)	53 (tbc)	56 (tbc)	59 (tbc)
Noise level heating (sound pressure)	dB(A)	55	58	61
Noise level (sound power) ⁽³⁾	dB(A)	tbc	tbc	tbc
Air flow (Cooling / Heating)	m ³ /h	7260	9000	9780
Dimensions (H x W x D)	mm	1650x1100x390	1650x1100x390	1650x1100x390
Weight	kg	170	170	173
Piping diameter (Liquid / Gas)	Inch	3/8 / 3/4	1/2 / 7/8	1/2 / 1 1/8
	mm	9.52 / 19.05	12.70 / 22.20	12.70 / 28.60
Total Piping Length / Height Difference	m	250 / 40	250 / 40	250 / 40
Max Piping Length (outdoor to indoor)	m	100	100	100
Current Quantity of Refrigerant	kg	5.0	5.5	6.5
Chargeless / Additional Refrigerant Charge	m / g/m	calculate	calculate	calculate
Recommended fuse size	A	16	20	25
Starting current (1Ø/3Ø)	A	8	8	8
Running current (cooling / heating)	A	9.4 / 8.8	12.4 / 11.7	15.8 / 14.7
Working Range (cooling / heating)	°C	-5°C~46(db)°C / -20°C~15(wb)°C		
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll

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⁽²⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C) Outdoor input only

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RAS FSXN

Modular 2 or 3-pipe

Outdoor Unit		RAS 8FSXN	RAS 10FSXN	RAS 12FSXN	RAS 14FSXN	RAS 16FSXN	RAS 18FSXN
Outdoor Combination		-	-	-	-	-	-
Power supply		400V / 3Ph / 50Hz					
Nominal Cooling Capacity	kW	22.4	28.0	33.5	40.0	45.0	50.0
Nominal Heating Capacity	kW	25.0	31.5	37.5	45.0	50.0	56.0
UK Cooling Capacity	kW	19.3	24.1	28.8	34.4	38.7	43.0
Maximum Indoor Units ⁽¹⁾		13	16	19	23	26	26
Minimum - Maximum connected capacity		50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽²⁾		3.85 / 4.17	3.79 / 4.11	3.41 / 3.6	3.25 / 3.89	3.23 / 3.9	3.37 / 3.81
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A	A / A	A / A
Noise level (sound pressure) (night mode)	dB(A)	58 (53)	58 (53)	60 (55)	62 (57)	62 (57)	63 (58)
Noise level (sound power) ⁽³⁾	dB(A)	tbc	tbc	tbc	tbc	tbc	tbc
Air flow (Cooling / Heating)	m³/h	9300	10200	10500	11700	11700	11700
Dimensions (H x W x D)	mm	1720x950x765	1720x950x765	1720x950x765	1720x1210x765	1720x1210x765	1720x1210x765
Weight	kg	210	210	210	295	295	315
Piping diameter (Liquid / Gas x 2)	Inch	3/8 / (3/4/5/8)	3/8 / (7/8/3/4)	1/2 / (1 1/8/7/8)	1/2 / (1 1/8/7/8)	1/2 / (1 1/8/7/8)	5/8 / (1 1/8/7/8)
	mm	9.52 / (19.05/15.88)	9.53 / (22.20/19.05)	12.70 / (28.60/22.2)	12.70 / (28.60/22.2)	12.70 / (28.60/22.2)	15.88 / (28.60/22.2)
Total Piping Length / Height Difference	m	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50
Max Piping Length (outdoor to indoor)	m	165	165	165	165	165	165
Current Quantity of Refrigerant	kg	6.5	6.5	7.0	9.0	9.0	10.5
Chargeless / Additional Refrigerant Charge	m / g/m	calculate	calculate	calculate	calculate	calculate	calculate
Recommended fuse size	A	16	20	25	32	32	32
Starting current	A	8	8	8	95	95	113
Running current (cooling / heating)	A	9.3 / 9.6	11.9 / 12.3	15.7 / 16.7	20.2 / 18.8	22.6 / 20.8	24.1 / 23.8
Working Range (cooling / heating)	°C	-5°C~43(db)°C / -20°C~15(wb)°C					
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll

⁽¹⁾ Maximum Indoor Units - restrictions apply see Technical Catalogue

⁽²⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C) Outdoor input only

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RAS FSXN

Modular 2 or 3-pipe

Outdoor Unit		RAS 20FSXN	RAS 22FSXN	RAS 24FSXN	RAS 26FSXN	RAS 28FSXN	RAS 30FSXN
Outdoor Combination		8 + 12	8 + 14	10 + 14	12 + 14	14 + 14	14 + 16
Power supply		400V / 3Ph / 50Hz					
Nominal Cooling Capacity	kW	56.0	61.5	69.0	73.0	80.0	85.0
Nominal Heating Capacity	kW	63.0	69.0	77.5	82.5	90.0	95.0
UK Cooling Capacity	kW	48.2	52.9	59.3	62.8	68.8	73.1
Maximum Indoor Units ⁽¹⁾		33	36	40	43	47	50
Minimum - Maximum connected capacity		50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽²⁾		3.58 / 3.81	3.62 / 4.04	3.37 / 3.89	3.38 / 3.75	3.25 / 3.89	3.24 / 3.90
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A	A / A	A / A
Noise level (sound pressure) (night mode)	dB(A)	62 (57)	63 (58)	63 (58)	64 (59)	65 (60)	65 (60)
Noise level (sound power) ⁽³⁾	dB(A)	tbc	tbc	tbc	tbc	tbc	tbc
Air flow (Cooling / Heating)	m ³ /h	9300 + 10500	9300 + 11700	10200 + 11700	10500 + 11700	11700 + 11700	11700 + 11700
Dimensions (H x W x D)	mm	1720x1920x765	1720x2180x765	1720x2180x765	1720x2180x765	1720x2440x765	1720x2440x765
Weight	kg	210 + 210	210 + 295	210 + 295	210 + 295	295 + 295	295 + 295
Piping diameter (Liquid / Gas x 2)	Inch	5/8 / (1 1/8/7/8)	5/8 / (1 1/8/11/8)	5/8 / (1 1/8/11/8)	3/4 / (1 1/4/11/8)	3/4 / (1 1/4/11/8)	3/4 / (1 1/4/11/8)
	mm	15.88 / (28.60/22.2)	15.88 / (28.60/28.60)	15.88 / (28.60/28.60)	19.05 / (31.75/28.60)	19.05 / (31.75/28.60)	19.05 / (31.75/28.60)
Total Piping Length / Height Difference	m	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50
Max Piping Length (outdoor to indoor)	m	165	165	165	165	165	165
Current Quantity of Refrigerant	kg	13.5	15.5	15.5	16.0	18.0	18.0
Chargeless / Additional Refrigerant Charge	m / g/m	calculate	calculate	calculate	calculate	calculate	calculate
Recommended fuse size	A	16 & 25	16 & 32	20 & 32	25 & 32	32 & 32	32 & 32
Starting current	A	24	106	111	114	118	122
Running current (cooling / heating)	A	25.0 / 26.5	27.7 / 27.6	33.3 / 32.2	35.1 / 35.5	40.4 / 37.6	42.8 / 39.6
Working Range (cooling / heating)	°C	-5°C~43(db)°C / -20°C~15(wb)°C					
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll

⁽¹⁾ Maximum Indoor Units - restrictions apply see Technical Catalogue

⁽²⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C) Outdoor input only

⁽³⁾ 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



Set Free VRF Systems

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RAS FSXN

Modular 2 or 3-pipe

Outdoor Unit		RAS 32FSXN	RAS 34FSXN	RAS 36FSXN	RAS 38FSXN	RAS 40FSXN	RAS 42FSXN
Outdoor Combination		16 + 16	16 + 18	18 + 18	12 + 12 + 14	12 + 12 + 16	12 + 12 + 18
Power supply		400V / 3Ph / 50Hz					
Nominal Cooling Capacity	kW	90.0	95.0	100.0	109.0	112.0	118.0
Nominal Heating Capacity	kW	100.0	106.0	112.0	118.0	125.0	132.0
UK Cooling Capacity	kW	77.4	81.7	86.0	93.7	96.3	101.5
Maximum Indoor Units ⁽¹⁾		53	56	59	64	64	64
Minimum - Maximum connected capacity		50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽²⁾		3.23 / 3.90	3.30 / 3.85	3.37 / 3.81	3.29 / 3.87	3.34 / 3.71	3.32 / 3.65
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A	A / A	A / A
Noise level (sound pressure) (night mode)	dB(A)	65 (60)	66 (61)	66 (61)	66 (61)	66 (61)	66 (61)
Noise level (sound power) ⁽³⁾	dB(A)	tbc	tbc	tbc	tbc	tbc	tbc
Air flow (Cooling / Heating)	m³/h	11700 + 11700	11700 + 11700	11700 + 11700	2 x 10500 + 11700	2 x 10500 + 11700	2 x 10500 + 11700
Dimensions (H x W x D)	mm	1720x2440x765	1720x2440x765	1720x2440x765	1720x3150x765	1720x3150x765	1720x3150x765
Weight	kg	295 + 295	295 + 315	315 + 315	210 + 210 + 295	210 + 210 + 295	210 + 210 + 315
Piping diameter (Liquid / Gas x 2)	Inch	3/4 / (1 1/4/11/8)	3/4 / (1 1/4/11/8)	3/4 / (1 1/4/11/8)	3/4 / (1 1/2/11/4)	3/4 / (1 1/2/11/4)	3/4 / (1 1/2/11/4)
	mm	19.05 / (31.75/28.60)	19.05 / (31.75/28.60)	19.05 / (31.75/28.60)	19.05 / (38.10/31.75)	19.05 / (38.10/31.75)	19.05 / (38.10/31.75)
Total Piping Length / Height Difference	m	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50
Max Piping Length (outdoor to indoor)	m	165	165	165	165	165	165
Current Quantity of Refrigerant	kg	18.0	19.5	21.0	23.0	23.0	24.5
Chargeless / Additional Refrigerant Charge	m / g/m	calculate	calculate	calculate	calculate	calculate	calculate
Recommended fuse size	A	32 & 32	32 & 32	32 & 32	25 & 25 & 32	25 & 25 & 32	25 & 25 & 32
Starting current	A	122	140	144	133	133	151
Running current (cooling / heating)	A	45.2 / 41.6	46.7 / 44.6	48.2 / 47.6	53.6 / 49.0	54.0 / 54.2	57.2 / 58.2
Working Range (cooling / heating)	°C	-5°C~43(db)°C / -20°C~15(wb)°C					
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll

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RAS FSXN

Modular 2 or 3-pipe

Outdoor Unit		RAS 44FSXN	RAS 46FSXN	RAS 48FSXN	RAS 50FSXN	RAS 52FSXN	RAS 54FSXN
Outdoor Combination		12 + 14 + 18	12 + 16 + 18	12 + 18 + 18	14 + 18 + 18	16 + 18 + 18	18 + 18 + 18
Power supply		400V / 3Ph / 50Hz					
Nominal Cooling Capacity	kW	125.0	132.0	136.0	140.0	145.0	150.0
Nominal Heating Capacity	kW	140.0	145.0	150.0	155.0	160.0	165.0
UK Cooling Capacity	kW	107.5	113.5	117.0	120.4	124.7	129.0
Maximum Indoor Units ⁽¹⁾		64	64	64	64	64	64
Minimum - Maximum connected capacity		50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽²⁾		3.27 / 3.75	3.16 / 3.71	3.24 / 3.74	3.33 / 3.98	3.32 / 3.98	3.37 / 4.01
Energy Class (Cool/Heat)		A / A	B / A	A / A	A / A	A / A	A / A
Noise level (sound pressure) (night mode)	dB(A)	67 (62)	67 (62)	67 (62)	67 (62)	67 (62)	68 (63)
Noise level (sound power) ⁽³⁾	dB(A)	tbc	tbc	tbc	tbc	tbc	tbc
Air flow (Cooling / Heating)	m³/h	10500 + 2 x 11700	10500 + 2 x 11700	10500 + 2 x 11700	3 x 11700	3 x 11700	3 x 11700
Dimensions (H x W x D)	mm	1720x3410x765	1720x3410x765	1720x3410x765	1720x3670x765	1720x3670x765	1720x3670x765
Weight	kg	210 + 295 + 315	210 + 295 + 315	210 + 315 + 315	295 + 315 + 315	295 + 315 + 315	315 + 315 + 315
Piping diameter (Liquid / Gas x 2)	Inch	3/4 / (1 1/2/11/4)	3/4 / (1 1/2/11/4)	3/4 / (1 1/2/11/4)	3/4 / (1 1/2/11/4)	3/4 / (1 1/2/11/4)	3/4 / (1 1/2/11/4)
	mm	19.05 / (38.10/31.75)	19.05 / (38.10/31.75)	19.05 / (38.10/31.75)	19.05 / (38.10/31.75)	19.05 / (38.10/31.75)	19.05 / (38.10/31.75)
Total Piping Length / Height Difference	m	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50
Max Piping Length (outdoor to indoor)	m	165	165	165	165	165	165
Current Quantity of Refrigerant	kg	26.5	26.5	28.0	30.0	30.0	31.5
Chargeless / Additional Refrigerant Charge	m / g/m	calculate	calculate	calculate	calculate	calculate	calculate
Recommended fuse size	A	25 & 32 & 32	25 & 32 & 32	25 & 32 & 32	32 & 32 & 32	32 & 32 & 32	32 & 32 & 32
Starting current	A	155	160	163	167	172	176
Running current (cooling / heating)	A	62.0 / 60.4	67.6 / 63.1	67.9 / 64.8	68.4 / 63.2	70.8 / 65.2	72.3 / 66.6
Working Range (cooling / heating)	°C	-5°C~43(db)°C / -20°C~15(wb)°C					
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll

⁽¹⁾ Maximum Indoor Units - restrictions apply see Technical Catalogue

⁽²⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C) Outdoor input only

⁽³⁾ 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

CH Boxes		CH-6.0N1	CH-10.0N1
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Nominal capacity	HP	HP ≤ 6	6 < HP ≤ 10
Maximum number of indoor units	-	7	8
Electricity demand	W	20	20
Dimensions (H x W x D)	mm	191x301x214	191x301x214
Weight	kg	7	7
Piping diameter - Outdoor Unit to CH Box (High/Low Pressure)	Inch	(1/2 - 5/8) / (5/8 - 3/4)	(5/8 - 3/4) / (3/4 - 7/8)
	mm	(12.7 - 15.88) / (15.88 - 19.05)	(15.88 - 19.05) / (19.05 - 22.2)
Piping diameter - From Indoor Unit	Inch	1/2 - 5/8	3/4 - 7/8
	mm	12.7 - 15.88	19.05 - 22.2
Recommended fuse size	A	5	5



Set Free VRF Systems



RAS FSXNH

High efficiency Modular 2 or 3-pipe

Outdoor Unit		RAS 5FSXNH	RAS 6FSXNH	RAS 8FSXNH	RAS 10FSXNH
Outdoor Combination				-	-
Power supply		400V / 3Ph / 50Hz			
Nominal Cooling Capacity	kW	14.0	16.0	22.4	28.0
Nominal Heating Capacity	kW	16.0	18.0	25.0	31.5
UK Cooling Capacity	kW	12.0	13.8	19.3	24.1
Maximum Indoor Units ⁽¹⁾		8	9	13	16
Minimum - Maximum connected capacity		50% - 130%	50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽²⁾		4.49 / 4.80	4.56 / 4.58	4.66 / 4.67	4.34 / 4.67
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A
Noise level (sound pressure) (night mode)	dB(A)	55 (52)	56 (52)	58 (53)	59 (54)
Noise level (sound power) ⁽³⁾	dB(A)	tbc	tbc	tbc	tbc
Airflow (Cooling / Heating)	m³/h	8400	9300	9600	10500
External static Pressure	Pa	60	60	60	60
Dimensions (H x W x D)	mm	1720x950x765	1720x950x765	1720x1210x765	1720x1210x765
Weight	kg	215	215	260	260
Piping diameter (Liquid / Gas x 2)	Inch	3/8 / (5/8/1/2)	3/8 / (3/4/5/8)	3/8 / (3/4/5/8)	3/8 / (7/8/3/4)
	mm	9.52 / (15.88/12.70)	9.52 / (19.05/15.88)	9.52 / (19.05/15.88)	9.53 / (22.20/19.05)
Total Piping Length / Height Difference ⁽⁴⁾	m	1000 / 90	1000 / 90	1000 / 90	1000 / 90
Max Piping Length (outdoor to indoor)	m	165	165	165	165
Current Quantity of Refrigerant	kg	5.6	5.6	7.7	7.7
Chargeless / Additional Refrigerant Charge	m / g/m	calculate	calculate	calculate	calculate
Recommended fuse size	A	16	16	16	20
Starting current	A	8	8	8	8
Running current (cooling / heating)	A	5.0 / 5.3	5.6 / 6.2	7.7 / 8.6	10.3 / 10.8
Working Range (cooling / heating)	°C	-5°C~43(db)°C / -20°C~15(wb)°C			
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll	Scroll

⁽¹⁾ Maximum Indoor Units - restrictions apply see Technical Catalogue

⁽²⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C) Outdoor input only

⁽³⁾ 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

⁽⁴⁾ Restrictions apply, please consult the Technical Catalogue

Did you know?

Our Set Free VRF can connect to any indoor units from our System Free range for ultimate flexibility



RAS FSXNH



Set Free VRF Systems



High efficiency Modular 2 or 3-pipe

RAS 12FSXNH	RAS 12FSXNH-P	RAS 14FSXNH	RAS 16FSXNH	RAS 18FSXNH	RAS 20FSXNH
-	6 + 8	6 + 8	8 + 8	8 + 10	8 + 12
400V / 3Ph / 50Hz					
33.5	33.5	40.0	45.0	50.0	56.0
37.5	37.5	45.0	50.0	56.0	63.0
28.8	28.8	34.4	38.7	43.0	48.2
19	19	23	26	26	33
50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%
3.93 / 4.11	4.70 / 4.73	4.58 / 4.59	4.65 / 4.67	4.48 / 4.68	4.19 / 4.31
A / A	A / A	A / A	A / A	A / A	A / A
61 (56)	61 (56)	61 (56)	61 (56)	62 (57)	63 (58)
tbc	tbc	tbc	tbc	tbc	tbc
11700	9300 + 9600	9300 + 9600	9600 + 9600	9600 + 10500	9600 + 11700
60	60	60	60	60	60
1720x1210x765	1720x2160x765	1720x2160x765	1720x2420x765	1720x2420x765	1720x2420x765
260	215 + 260	215 + 260	260 + 260	260 + 260	260 + 260
1/2 / (1 1/8/7/8)	1/2 / (1 1/8/7/8)	1/2 / (1 1/8/7/8)	1/2 / (1 1/8/7/8)	5/8 / (1 1/8/7/8)	5/8 / (1 1/8/7/8)
12.70 / (28.60/22.2)	12.70 / (28.60/22.2)	12.70 / (28.60/22.2)	12.70 / (28.60/22.2)	15.88 / (28.60/22.2)	15.88 / (28.60/22.2)
1000 / 90	1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50
165	165	165	165	165	165
8.3	13.3	13.3	15.4	15.5	16.0
calculate	calculate	calculate	calculate	calculate	calculate
25	16 & 16	16 & 16	16 & 16	16 & 20	16 & 25
8	17	17	17	17	17
13.7 / 14.5	11.4 / 12.6	13.9 / 15.6	15.5 / 17.2	17.9 / 19.2	21.4 / 23.3
-5°C~43(db)°C / -20°C~15(wb)°C					
R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Scroll	Scroll	Scroll	Scroll	Scroll	Scroll

⁽¹⁾ Maximum Indoor Units - restrictions apply see Technical Catalogue

⁽²⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C) Outdoor input only

⁽³⁾ 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

⁽⁴⁾ Restrictions apply, please consult the Technical Catalogue



Set Free VRF Systems



RAS FSXNH

High efficiency Modular 2 or 3-pipe

Outdoor Unit		RAS 22FSXNH	RAS 24FSXNH	RAS 24FSXNH-P	RAS 26FSXNH
Outdoor Combination		10 + 12	12 + 12	8 + 8 + 10	8 + 8 + 10
Power supply		400V / 3Ph / 50Hz			
Nominal Cooling Capacity	kW	61.5	69.0	69.0	73.0
Nominal Heating Capacity	kW	69.0	77.5	77.5	82.5
UK Cooling Capacity	kW	52.9	59.3	59.3	62.8
Maximum Indoor Units ⁽¹⁾		36	40	40	43
Minimum - Maximum connected capacity		50% - 130%	50% - 130%	50% - 130%	50% - 130%
Nominal Load Efficiency EER / COP ⁽²⁾		4.11 / 4.35	3.91 / 4.09	4.64 / 4.64	4.53 / 4.66
Energy Class (Cool/Heat)		A / A	A / A	A / A	A / A
Noise level (sound pressure) (night mode)	dB(A)	64 (59)	64 (59)	64 (59)	64 (59)
Noise level (sound power) ⁽³⁾	dB(A)	tbc	tbc	tbc	tbc
Airflow (Cooling / Heating)	m³/h	10500 + 11700	11700 + 11700	9600+9600+10500	9600+9600+10500
External static Pressure	Pa	60	60	60	60
Dimensions (H x W x D) ⁽⁴⁾	mm	1720x2420x765	1720x2420x765	1720x3630x765	1720x3630x765
Weight	kg	260 + 260	260 + 260	260 + 260 + 260	260 + 260 + 260
Piping diameter (Liquid / Gas x 2)	Inch	5/8 / (1 1/8 / 1 1/8)	5/8 / (1 1/8 / 1 1/8)	3/4 / (1 1/4 / 1 1/8)	3/4 / (1 1/4 / 1 1/8)
	mm	15.88 / (28.60/28.60)	15.88 / (28.60/28.60)	19.05 / (31.75/28.60)	19.05 / (31.75/28.60)
Total Piping Length / Height Difference ⁽⁵⁾	m	1000 / 50	1000 / 50	1000 / 50	1000 / 50
Maximum Piping Length (outdoor to furthest indoor)	m	165	165	165	165
Current Quantity of Refrigerant	kg	16.0	16.6	23.0	23.0
Chargeless / Additional Refrigerant Charge	m / g/m	calculate	calculate	calculate	calculate
Recommended fuse size	A	20 & 25	25 & 25	16 & 16 & 20	16 & 16 & 20
Starting current	A	17	17	25	25
Running current (cooling / heating)	A	24.0 / 25.3	28.3 / 30.1	23.9 / 26.8	25.8 / 28.4
Working Range (cooling / heating)	°C	-5°C~43(db)°C / -20°C~15(wb)°C			
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Compressor type		Scroll	Scroll	Scroll	Scroll

⁽¹⁾ Maximum Indoor Units - restrictions apply see Technical Catalogue

⁽²⁾ Nominal load efficiency (Cooling 35°C/27°C, Heating 7°C/20°C) Outdoor input only

⁽³⁾ 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

⁽⁴⁾ Includes 20mm between each outdoor unit

⁽⁵⁾ Restrictions apply, please consult the Technical Catalogue

Did you know?

Our Set Free VRF can connect to any indoor units from our System Free range for ultimate flexibility



RAS FSXNH



Set Free VRF Systems



High efficiency Modular 2 or 3-pipe

RAS 28FSXNH	RAS 30FSXNH	RAS 32FSXNH	RAS 34FSXNH	RAS 36FSXNH
8 + 8 + 12	8 + 10 + 12	8 + 12 + 12	10 + 12 + 12	12 + 12 + 12
400V / 3Ph / 50Hz				
80.0	85.0	90.0	95.0	100.0
90.0	95.0	100.0	106.0	112.0
68.8	73.1	77.4	81.7	86.0
47	50	53	56	59
50% - 130%	50% - 130%	50% - 130%	50% - 130%	50% - 130%
4.30 / 4.39	4.24 / 4.42	4.09 / 4.24	4.05 / 4.27	3.93 / 4.11
A / A	A / A	A / A	A / A	A / A
64 (59)	65 (60)	65 (60)	66 (61)	66 (61)
tbc	tbc	tbc	tbc	tbc
9600+9600+11700	9600+10500+11700	9600+11700+11700	10500+11700+11700	11700+11700+11700
60	60	60	60	60
1720x3630x765	1720x3630x765	1720x3630x765	1720x3630x765	1720x3630x765
260 + 260 + 260	260 + 260 + 260	260 + 260 + 260	260 + 260 + 260	260 + 260 + 260
3/4 / (1 1/4 / 1 1/8)	3/4 / (1 1/4 / 1 1/8)	3/4 / (1 1/4 / 1 1/8)	3/4 / (1 1/4 / 1 1/8)	3/4 / (1 1/2 / 1 1/8)
19.05 / (31.75/28.60)	19.05 / (31.75/28.60)	19.05 / (31.75/28.60)	19.05 / (31.75/28.60)	19.05 / (38.10/28.60)
1000 / 50	1000 / 50	1000 / 50	1000 / 50	1000 / 50
165	165	165	165	165
23.7	23.7	24.3	24.3	24.9
calculate	calculate	calculate	calculate	calculate
16 & 16 & 25	16 & 20 & 25	16 & 25 & 25	20 & 25 & 25	25 & 25 & 25
25	25	25	25	25
29.8 / 32.8	32.2 / 34.3	35.3 / 37.6	37.7 / 39.5	40.8 / 43.2
-5°C~43(db)°C / -20°C~15(wb)°C				
R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
Scroll	Scroll	Scroll	Scroll	Scroll

CH Boxes		CH-6.0N1	CH-10.0N1
Power supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Nominal capacity	HP	HP ≤ 6	6 < HP ≤ 10
Maximum number of indoor units	-	7	8
Electricity demand	W	20	20
Dimensions (H x W x D)	mm	191x301x214	191x301x214
Weight	kg	7	7
Piping diameter - Outdoor Unit to CH Box (High/Low Pressure)	Inch	(1/2 - 5/8) / (5/8 - 3/4)	(5/8 - 3/4) / (3/4 - 7/8)
	mm	(12.7 - 15.88) / (15.88 - 19.05)	(15.88 - 19.05) / (19.05 - 22.2)
Piping diameter - From Indoor Unit	Inch	1/2 - 5/8	3/4 - 7/8
	mm	12.7 - 15.88	19.05 - 22.2
Recommended fuse size	A	5	5



System Free Indoor Units

HP		0.6	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	3.0	4.0
Size		15	20	25	32	40	-	50	-	63	80	100
Wall Mounted	RPK-FSN3M	•	⌚	•	•	⌚	•	⌚	•	⌚	•	•
	Nominal Cooling (kW)	1.7	2.2	2.8	3.8	4.0	5.2	5.6	6.7	7.1	8.0	11.2
	Nominal Heating (kW)	1.9	2.5	3.2	4.2	4.8	5.6	6.3	7.5	8.5	9.0	12.5
	UK Total Cooling (kW)	1.5	2.1	2.6	3.4	3.9	4.5	5.2	6.2	6.4	7.5	10.5
	UK Sensible Cooling (kW)	1.4	1.9	2.0	2.8	3.2	3.2	3.7	4.6	4.7	5.7	7.5



RPK-FSN3M

0.8HP > 0.6HP Dip Switching only available when connected to Series 2 Mini Set Free Systems

HP		0.6	0.8	1.0	1.3	1.5
Size		15	20	25	32	40
Wall Mounted (remote expansion valve kit required)	RPK-FSNH3M	•	⌚	•	•	⌚
	Nominal Cooling (kW)	1.7	2.2	2.8	3.8	4.0
	Nominal Heating (kW)	1.9	2.5	3.2	4.2	4.8
	UK Total Cooling (kW)	1.5	2.1	2.6	3.4	3.9
	UK Sensible Cooling (kW)	1.4	1.9	2.0	2.8	3.2

Expansion Valve Kit

EV-1.5N1

0.8HP > 0.6HP Dip Switching only available when connected to Series 2 Mini Set Free Systems

HP		0.6	0.8	1.0	1.3	1.5	1.8	2.0
Size		15	20	25	32	40	-	50
Mini 4-Way Cassette (including grille)	RCIM-FSN2	•	⌚	•	•	⌚	•	⌚
	Nominal Cooling (kW)	1.7	2.2	2.8	3.8	4.0	5.2	5.6
	Nominal Heating (kW)	1.9	2.5	3.2	4.2	4.8	5.6	6.3
	UK Total Cooling (kW)	1.5	2.1	2.6	3.4	3.9	4.5	5.2
	UK Sensible Cooling (kW)	1.1	1.6	1.9	2.5	2.9	3.2	3.7



RCIM-FSN2

0.8HP > 0.6HP Dip Switching only available when connected to Series 2 Mini Set Free Systems

HP		0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	3.0	4.0	5.0	6.0
Size		20	25	32	40	-	50	-	63	80	100	125	140
4-Way Cassette (including grille)	RCI-FSN3Ei	•	⌚	•	⌚	•	⌚	•	⌚	•	•	•	•
	Nominal Cooling (kW)	2.2	2.8	3.8	4.0	5.2	5.6	6.7	7.1	8.0	11.2	14.0	16.0
	Nominal Heating (kW)	2.5	3.2	4.2	4.8	5.6	6.3	7.5	8.5	9.0	12.5	16.0	18.0
	UK Total Cooling (kW)	2.1	2.6	3.4	3.9	4.5	5.2	6.2	6.4	7.5	10.5	12.7	14.8
	UK Sensible Cooling (kW)	1.7	2.1	2.6	3.0	3.5	4.1	4.5	4.7	5.9	8.2	9.4	10.8



RCI-FSN3Ei

HP		0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	3.0	4.0	5.0	6.0
Size		20	25	32	40	-	50	-	63	80	100	125	140
Hi-Efficiency 4-Way Cassette (including grille)	RCI-FSN3	•	⌚	•	⌚	•	⌚	•	⌚	•	•	•	•
	Nominal Cooling (kW)	2.2	2.8	3.8	4.0	5.2	5.6	6.7	7.1	8.0	11.2	14.0	16.0
	Nominal Heating (kW)	2.5	3.2	4.2	4.8	5.6	6.3	7.5	8.5	9.0	12.5	16.0	18.0
	UK Total Cooling (kW)	2.1	2.6	3.4	3.9	4.5	5.2	6.2	6.4	7.5	10.5	12.7	14.8
	UK Sensible Cooling (kW)	1.8	2.2	3.0	3.5	4.0	4.6	5.4	5.6	6.1	8.1	9.1	10.2



RCI-FSN3

• Capacity available with dip switch setting capacity range (HP)

⌚ Adjustable by dipswitch setting



System Free Indoor Units

2-Way Cassette (including grille)	HP	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5	3.0	4.0	5.0
	Size	20	25	32	40	-	50	-	63	80	100	125
	RCD-FSN2	•	⌚	•	⌚	•	⌚	•	⌚	•	•	•
	Nominal Cooling (kW)	2.2	2.8	3.8	4.0	5.2	5.6	6.7	7.1	8.0	11.2	14.0
	Nominal Heating (kW)	2.5	3.2	4.2	4.8	5.6	6.3	7.5	8.5	9.0	12.5	16.0
	UK Total Cooling (kW)	2.1	2.6	3.4	3.9	4.5	5.2	6.2	6.4	7.5	10.5	12.7
	UK Sensible Cooling (kW)	1.7	2.1	2.5	2.8	3.4	3.9	4.6	4.7	5.6	7.7	8.8



RCD-FSN2

Ceiling Suspended	HP	1.8	2.0	2.3	2.5	3.0	4.0	5.0	6.0
	Size	-	50	-	63	80	100	125	140
	RPC-FSN2E	•	⌚	•	⌚	•	•	•	•
	Nominal Cooling (kW)	5.2	5.6	6.7	7.1	8.0	11.2	14.0	16.0
	Nominal Heating (kW)	5.6	6.3	7.5	8.5	9.0	12.5	16.0	18.0
	UK Total Cooling (kW)	4.5	5.2	6.2	6.4	7.5	10.5	12.7	14.8
	UK Sensible Cooling (kW)	3.2	3.7	4.5	4.6	5.4	7.6	9.1	10.7



RPC-FSN2E

Ducted In the Ceiling (Slim width)	HP	0.6	0.8	1.0	1.3	1.5
	Size	15	20	25	32	40
	RPIM-FSN4E-(DU)	•	⌚	⌚	•	⌚
	Nominal Cooling (kW)	1.7	2.2	2.8	3.8	4.0
	Nominal Heating (kW)	1.9	2.5	3.2	4.2	4.8
	UK Total Cooling (kW)	1.5	2.1	2.6	3.4	3.9
	UK Sensible Cooling (kW)	1.2	1.7	2.1	2.4	2.8



RPIM-FSN4E - (DU)

0.8HP > 0.6HP Dip Switching only available when connected to Series 2 Mini Set Free Systems

Ducted In the Ceiling (Low height)	HP	0.6	0.8	1.0	1.3	1.5
	Size	15	20	25	32	40
	RPI-FSN4E	•	⌚	⌚	•	⌚
	Nominal Cooling (kW)	1.7	2.2	2.8	3.8	4.0
	Nominal Heating (kW)	1.9	2.5	3.2	4.2	4.8
	UK Total Cooling (kW)	1.5	2.1	2.6	3.4	3.9
	UK Sensible Cooling (kW)	1.2	1.7	2.1	2.5	2.8



RPI-FSN2E

0.8HP > 0.6HP Dip Switching only available when connected to Series 2 Mini Set Free Systems

Ducted In the Ceiling (Standard)	HP	1.8	2.0	2.3	2.5	3.0	4.0	5.0	6.0
	Size	-	50	-	63	80	100	125	140
	RPI-FSN4E	•	⌚	•	⌚	•	•	•	•
	Nominal Cooling (kW)	5.2	5.6	6.7	7.1	8.0	11.2	14.0	16.0
	Nominal Heating (kW)	5.6	6.3	7.5	8.5	9.0	12.5	16.0	18.0
	UK Total Cooling (kW)	4.5	5.2	6.2	6.4	7.5	10.5	12.7	14.8
	UK Sensible Cooling (kW)	3.4	4.0	4.7	4.9	5.6	7.7	9.1	10.7



RPI-FSN2E



System Free Indoor Units

Ducted In the Ceiling (Large capacity)	HP	8.0	10.0
	Size	200	250
	RPI-FSN3E	•	•
	Nominal Cooling (kW)	22.4	28.0
	Nominal Heating (kW)	25.0	31.0
	UK Total Cooling (kW)	18.4	22.9
	UK Sensible Cooling (kW)	14.2	18.1



RPI-FSN3E

Floor Concealed (Uncased)	HP	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
	Size	20	25	32	40	-	50	-	63
	RPFI-FSN2E	•	⌚	•	⌚	•	•	•	⌚
	Nominal Cooling (kW)	2.2	2.8	3.8	4.0	5.2	5.6	6.7	7.1
	Nominal Heating (kW)	2.5	3.2	4.2	4.8	5.6	6.3	7.5	8.5
	UK Total Cooling (kW)	2.1	2.6	3.4	3.9	4.5	5.2	6.2	6.4
	UK Sensible Cooling (kW)	1.5	1.9	2.5	2.8	3.3	3.8	4.5	4.7



RPFI-FSN2E

Floor Standard (Cased)	HP	0.8	1.0	1.3	1.5	1.8	2.0	2.3	2.5
	Size	20	25	32	40	-	50	-	63
	RPF-FSN2E	•	⌚	•	⌚	•	⌚	•	⌚
	Nominal Cooling (kW)	2.2	2.8	3.8	4.0	5.2	5.6	6.7	7.1
	Nominal Heating (kW)	2.5	3.2	4.2	4.8	5.6	6.3	7.5	8.5
	UK Total Cooling (kW)	2.1	2.6	3.4	3.9	4.5	5.2	6.2	6.4
	UK Sensible Cooling (kW)	1.5	1.9	2.5	2.8	3.3	3.8	4.5	4.7



RPF-FSN2E

Active KPI (Heat Recovery Ventilation with DX coil)	HP	1.5	2.0	2.5
	Size	40	50	63
	m³/hr	500	800	1000
	KPI-X3E	•	•	•
	Nominal Cooling (kW)	5.3	8.0	10.8
	Nominal Heating (kW)	6.9	9.8	12.9
	Coil Cooling Cap. (kW)	1.8	2.9	3.7
	Coil Heating Cap. (kW)	2.1	3.5	4.4



KPI-X3E



Selection of Accessories / Pipe Kits

Model	Description of Controls	
PC-ART	Standard Wired Remote Controller (inc. 7 Day Time Clock)	
PC-ARF	Advanced Wired LED Controller (inc 7 Day Time Clock)	
PC-ARH	Simple Wired Remote Controller	
PC-LH3A	Wireless Remote Controller (Receiver kit required inc. with RPK-FSN2M)	
PC-LH3B	Wireless Remote Controller (RCI-FSN3, RPK-FSN3M) - Receiver kit required	
PC-ALH3	Grille Receiver Kit (RCI-FSN3, Grilles P-AP160NA1 & P-AP160NAE)	
PC-ALHN	Receiver Kit panel mounted (RCI-FSN3Ei)	
PC-ALHD	Receiver Kit panel mounted (RCD-FSN3E)	
PC-ALHC	Receiver Kit panel mounted (RCIM-FSN3E)	
PC-ALHZ	Receiver Kit wall mounted (All System Free Indoor Units)	
PC-ALHZF	Receiver Kit wall mounted (RPK-HSN(H)3M, RCI-FSN3)	

Model	Set Free Mini, SideFlow & Standard VRF	
E-102SN2	Piping Kit (2-Pipe)	
E-162SN2	Piping Kit (2-Pipe)	
E 242SN2	Piping Kit (2-Pipe)	
E 302SN2	Piping Kit (2-Pipe)	
MH 84AN	Piping Kit (2-Pipe Header)	
MH 108AN	Piping Kit (2-Pipe Header)	
E 52XN2	Piping Kit (3-Pipe)	
E 102XN2	Piping Kit (3-Pipe)	
E 162XN2	Piping Kit (3-Pipe)	
E 202XN2	Piping Kit (3-Pipe)	
E 242XN2	Piping Kit (3-Pipe)	
E 322XN2	Piping Kit (3-Pipe)	
MH 108XN	Piping Kit (3-Pipe Header)	
MC 20AN	Modular Set Free 2-pipe Branch Kit (RAS 20~24FSXN)	
MC 21AN	Modular Set Free 2-pipe Branch Kit (RAS 26~36FSXN)	
MC 30AN	Modular Set Free 2-pipe Branch Kit (RAS 28~54FSXN)	
MC 20XN	Modular Set Free 3-pipe Branch Kit (RAS 20~24FSXN)	
MC 21XN	Modular Set Free 3-pipe Branch Kit (RAS 26~36FSXN)	
MC 30XN	Modular Set Free 3-pipe Branch Kit (RAS 28~54FSXN)	

Model	Set Free Hi-Efficiency VRF	
E-102SN3	Piping Kit (2-Pipe)	
E-162SN3	Piping Kit (2-Pipe)	
E 242SN3	Piping Kit (2-Pipe)	
E 302SN3	Piping Kit (2-Pipe)	
MH 84AN	Piping Kit (2-Pipe Header)	
MH 108AN	Piping Kit (2-Pipe Header)	
E 52XN3	Piping Kit (3-Pipe)	
E 102XN3	Piping Kit (3-Pipe)	
E 162XN3	Piping Kit (3-Pipe)	
E 202XN3	Piping Kit (3-Pipe)	
E 242XN3	Piping Kit (3-Pipe)	
E 322XN3	Piping Kit (3-Pipe)	
MH 108XN	Piping Kit (3-Pipe Header)	
MC 20AN1	Modular Set Free 2-pipe Branch Kit (RAS 12~24FSXNH)	
MC 30AN1	Modular Set Free 2-pipe Branch Kit (RAS 24~36FSXNH)	
MC 20XN1	Modular Set Free 3-pipe Branch Kit (RAS 12~24FSXNH)	
MC 30XN1	Modular Set Free 3-pipe Branch Kit (RAS 24~36FSXNH)	