DIGITAL INVERTER

Quad-Split Floor-Mounted Cabinet Indoor Unit

CODE			140	200	230
Performance					
Indoor Unit 1		**MMF-**	**AP0156H1-E**	**AP0186H1-E**	**AP0246H1-E**
Indoor Unit 2		**MMF-**	**AP0156H1-E**	**AP0186H1-E**	**AP0246H1-E**
Indoor Unit 3		**MMF-**	**AP0156H1-E**	**AP0186H1-E**	**AP0246H1-E**
Indoor Unit 4		**MMF-**	**AP0156H1-E**	**AP0186H1-E**	**AP0246H1-E**
Outdoor Unit		**RAV-**	**SM1603AT-E1**	**SM2246AT8-E**	**SM2806AT8-E**
Nominal	Cooling Capacity	kW	14.0	20.0	23.0
	Heating Capacity	kW	16.0	22.4	27.0
	EER/COP	W/W	2.94/3.39	3.17/4.00	2.92/3.72
UK	Cooling Total/Sensible	kW	13.30/9.30	19.30/13.50	22.20/14.90
	Heating	kW	10.45	14.63	17.63
Cooling EN14825	Range Min. - Max.	kW	3.0 - 16.0	4.6 - 22.4	4.6 - 27.0
	Power Input	kW	4.76	6.30	7.85
	Pdesign	kW	-	-	-
	SEER/Energy Efficiency Class		-	-	-
	Seasonal Energy Consumption	kWh/a	-	-	-
Heating EN14825	Range Min. - Max.	kW	3.0 - 18.0	4.6 - 25.0	4.6 - 31.5
	Power Input	kW	4.72	5.59	7.25
	Pdesign	kW	-	-	-
	SCOP/Energy Efficiency Class		-	-	-
	Seasonal Energy Consumption	kWh/a	-	-	-

Indoor Data		**MMF-**	**AP0156H1-E**	**AP0186H1-E**	**AP0246H1-E**
Air Flow	High - Medium - Low	l/s	250 - 217 - 17	250 - 217 - 17	333 - 275 - 67
	High - Medium - Low	m^3/h	900 - 780 - 660	900 - 780 - 660	1200 - 990 - 840
Sound	Pressure High - Medium - Low	dB(A)	46 - 42 - 37	46 - 42 - 37	49 - 45 - 39
	Power High - Medium - Low	dB(A)	64 - 60 - 55	64 - 60 - 55	67 - 63 - 57
Unit	Height x Width x Depth	mm	1750 x 600 x 210	1750 x 600 x 210	1750 x 600 x 210
	Weight	kg	46	46	47
Pipe Connection	Flare Connections (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Height Difference Indoor To Indoor	m	±0.5	±0.5	±0.5
	Outdoor Connection To Distributor (gas - liquid)	inch	5/8 - 3/8	1-1/8 - 1/2	1-1/8 - 1/2
	Sub Branch Line To Indoor (gas - liquid)	inch	1/2 - 1/4	1/2 - 1/4	5/8 - 3/8
	Sub Branch Line To Second Dist. (gas - liquid)	inch	1/2 - 1/4	5/8 - 3/8	5/8 - 3/8
	Max. Subtractive Separation Between Indoors	m	5	6	6
	Max. Length Main Distributor To Furthest Indoor	m	15	20	20
	Max. Distance From Second Distributor To Indoors	m	10	15	15
	Drain Pipe Connection	mm	20 male screw	20 male screw	20 male screw
Power Cable	Indoor to Indoor		2 core + earth	2 core + earth	2 core + earth
Remote Controller			RBC-AMT32E	RBC-AMT32E	RBC-AMT32E

Outdoor Data		**RAV-**	**SM1603AT-E1**	**SM2246AT8-E**	**SM2806AT8-E**
Operating Range	Cooling/Heating	°C	43 to -15/15 to -15	52 to -15/15 to -27	52 to -15/15 to -27
Air Flow	High	m^3/h - l/s	6180 - 1717	9180 - 2550	10920 - 3033
Sound	Pressure High Cooling/Heating	dB(A)	51/53	58/60	61/63
	Power High Cooling/Heating	dB(A)	68/70	76/76	78/80
Unit	Height x Width x Depth	mm	1340 x 900 x 320	1550 x 1010 x 370	1550 x 1010 x 370
	Weight	kg	99	142	142
Pipe Connection	Flare Connections (gas - liquid)	inch	5/8 - 3/8	1-1/8 (3/4) - 1/2	1-1/8 (3/4) - 1/2
	Min.-Max. Length	m	5-50	5-100	5-100
	Maximum Height Difference	m	±30	±30	±30
	Drain Port Connection	mm	16	16	16
Refrigerant	Gas - Base Charge	kg	R410A - 3.1	R410A - 5.9	R410A - 5.9
	Additional Charge Main Liquid Side	g/m	40	90	90
	Additional Charge Second Dist. Liquid Side	g/m	40	45	45
	Additional Charge Sub Liquid Side	g/m	20	20	45
Run Current	Maximum	A	22.23	10.78	15.06
Power Cable	Outdoor to Header Indoor		3 core + earth	3 core + earth	3 core + earth
Power Supply	Suggested Fuse Size	V/ph/Hz-A	220-240/1/50-32	380-415/3/50-16	380-415/3/50-20

For Features and Accessories, please refer to the individual single-split system units.