

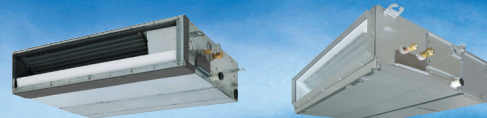
- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 75 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



Quad-Split Digital Inverter

CODE		125	140	200	200	250
QUAD-SPLIT COMBINATIONS		COMPACT CASSETTE QUAD			4-WAY CASSETTE QUAD	
INDOOR UNIT 1	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564UTP-E	SM804UTP-E
INDOOR UNIT 2	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564UTP-E	SM804UTP-E
INDOOR UNIT 3	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564UTP-E	SM804UTP-E
INDOOR UNIT 4	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564UTP-E	SM804UTP-E
OUTDOOR UNIT	RAV-	SM1404ATP-E	SM1603AT-E	SM2244AT8-E	SM2244AT8-E	SM2804AT8-E
Cooling Capacity	kW	12.0 (3.0 - 13.2)	14.0 (2.6 - 16.0)	20.0 (9.8 - 22.4)		23.0 (9.8 - 27.0)
Heating Capacity	kW	12.8 (3.0 - 16.0)	16.0 (2.4 - 19.0)	22.4 (9.8 - 25.0)		27.0 (9.8 - 31.5)
UK Total Cooling/Sensible Cooling Capacity	kW	11.40/9.10	13.30/9.40	19.30/15.30		22.20/17.00
UK Heating Capacity	kW	9.16	10.45	14.63	17.63	14.63
Operating Range Cooling/Heating	°C	46 to -15/15 to -15	43 to -15/15 to -15	46 to -15/15 to -20		
Cooling	EER/SEER/ESEER	2.80/5.25/6.43	2.81/4.64/4.87	2.81/4.76/5.00	3.21/5.01/5.24	2.81/5.15/5.44
	Power Consumption/Energy Efficiency Class	4.29/A	4.99/B	7.12/B	6.24/B	8.19/A
Heating	COP/SCOP/ESCOP	3.76/4.19/5.22	3.48/3.86/4.00	3.50/4.54/4.76	3.85/4.79/5.01	3.48/4.55/4.77
	Power Consumption/Energy Efficiency Class	3.40/A+	4.60/A	6.40/A+	5.82/A++	7.76/A+
INDOOR UNIT						
Standard Air Flow H/M/L	l/s	177/144/122	183/153/130	222/187/152	292/242/217	342/267/225
Standard Air Flow H/M/L	m³/h	640/520/440	660/552/468	798/672/546	1050/870/780	1230/960/810
Sound Pressure Level H/M/L	dBA	40/36/31		43/39/34	32/29/28	35/31/28
Sound Power Level H/M/L	dBA	55/51/46		58/54/49	47/44/43	50/46/43
Height/Width/Depth	mm	268/575/575			256/840/840	
Ceiling Panel Height/Width/Depth	mm	27/700/700			30/840/840	
Total Weight	kg	16		17	20	
Ceiling Panel Total Weight/Type	kg	3/RBC-UM11PG(W)-E			4.2/RBC-U31PGP(W)-E	
Gas Side	mm - "	9.5 - 3/8	12.7 - 1/2		15.9 - 5/8	
Liquid Side	mm - "	6.4 - 1/4			9.5 - 3/8	
Drain Port (Inner/Outer)	mm	25/32				
Power Cable From Outdoor To Header Indoor		3 core + earth				
Power Cable Header Indoor To Follower Indoor		2 core + earth				
Remote Controller (Standard Supplied)		RBC-AMT32E - (Wired 2-core non-polarity)				
OUTDOOR UNIT						
Standard Air Flow	l/s	1167	1717	2222		2500
Standard Air Flow	m³/h	4200	6180	8000		9000
Sound Pressure Level Cooling/Heating	dBA	54/55	51/53	56/57		57/58
Sound Power Level Cooling/Heating	dBA	70/71	68/70	72/74		74/75
Refrigerant Base Charge/Chargeless To	kg/m	2.8/32	3.1/32	5.9/32		
Refrigerant Additional Charge Main Liquid Side	g/m	40			80	
Refrigerant Additional Charge Sub Liquid Side	g/m	40				
Minimum/Maximum Piping Length	m	5/50		7.5/70		
Height Difference Outdoor To Indoor	m				±30	
Height Difference Indoor To Indoor	m				±0.5	
Branch Pipes Max. Length Main Distributor To Furthest Indoor	m	15		20		
Maxi. Distance From Second Distributor To Indoors	m	10		15		
Max. Subtractive Separation Between Indoors	m	5		6		
Pipe Connections Gas Side Sub Branch Line To Indoor	mm - "	9.5 - 3/8	12.7 - 1/2		15.9 - 5/8	
Pipe Connections Liquid Side Sub Branch Line To Indoor	mm - "	6.4 - 1/4			9.5 - 3/8	
Gas Side Sub Branch Line To Second Distributor	mm - "	12.7 - 1/2		15.9 - 5/8		
Liquid Side Sub Branch Line To Second Distributor	mm - "	6.4 - 1/4		9.5 - 3/8		
Pipe Connections Branch-Kit (Sold Separately)		RBC-DTWP101E				
Pipe Connections Gas Side Main Line To Distributor	mm - "	15.9 - 5/8		28.6 - 1-1/8		
Pipe Connections Liquid Side Main Line To Distributor	mm - "	9.5 - 3/8		12.7 - 1/2		
Drain Port Connector Hose Inner Diameter	mm	16				
Height/Width/Depth	mm	890/900/320	1340/900/320	1540/900/320		
Total Weight	kg	68	99	134		
Maximum Run Current	A	22.78	21.70	13.33	15.83	
Power Supply		1 phase 230 V 50 Hz		3 phase 400 V 50 Hz		
Suggested Fused Supply	A	32		16	20	

- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 75 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



Quad-Split Digital Inverter

CODE		125	140	200	140	200	250
QUAD-SPLIT COMBINATIONS		SLIM DUCTED QUAD			DUCTED QUAD		
INDOOR UNIT 1	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E	SM406BTP-E	SM566BTP-E	SM806BTP-E
INDOOR UNIT 2	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E	SM406BTP-E	SM566BTP-E	SM806BTP-E
INDOOR UNIT 3	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E	SM406BTP-E	SM566BTP-E	SM806BTP-E
INDOOR UNIT 4	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E	SM406BTP-E	SM566BTP-E	SM806BTP-E
OUTDOOR UNIT	RAV-	SM1404ATP-E	SM1603AT-E	SM2244AT8-E	SM1603AT-E	SM2244AT8-E	SM2804AT8-E
Cooling Capacity	kW	12.1 (3.0 - 13.2)	14.0 (3.0 - 16.0)	20.0 (9.8 - 22.4)	14.0 (3.0 - 16.0)	20.0 (9.8 - 22.4)	23.0 (9.8 - 27.0)
Heating Capacity	kW	12.8 (3.0 - 16.0)	16.0 (3.0 - 18.0)	22.4 (9.8 - 25.0)	16.0 (3.0 - 18.0)	22.4 (9.8 - 25.0)	27.0 (9.8 - 31.5)
UK Total Cooling/Sensible Cooling Capacity	kW	11.50/8.90	13.30/9.30	19.30/13.50	13.30/9.30	19.30/13.50	22.20/15.00
UK Heating Capacity	kW	9.16	10.45	17.63	10.45	14.63	17.63
Operating Range Cooling/Heating	°C	46 to -15/15 to -15	43 to -15/15 to -15	46 to -15/15 to -20	43 to -15/15 to -15	46 to -15/15 to -20	46 to -15/15 to -20
Cooling	EER/SEER/ESEER	2.74/5.53/5.88	2.81/4.64/4.87	2.81/4.76/5.00	2.81/4.64/4.87	2.81/4.76/5.00	2.41/4.85/5.15
	Power Consumption/Energy Efficiency Class	4.42/A	4.99/B	7.12/B	-	7.12/B	9.55/B
Heating	COP/SCOP/ES COP	3.61/4.42/4.58	3.41/3.86/4.00	3.50/4.54/4.76	4.99/B	3.50/4.54/4.76	3.41/4.31/4.52
	Power Consumption/Energy Efficiency Class	3.55/A+	4.69/A	6.40/A+	3.41/3.86/4.00	6.40/A+	7.92/A+
		4.69/A					
Standard Air Flow H/M/L	l/s	183/155/133	191/166/145	192/167/145	222/175/133		333/258/200
Standard Air Flow H/M/L	m³/h	660/560/480	690/600/522		798/630/480		1200/930/720
External Static Pressure Standard/(Upper - Lower)	Pa	10/(50 - 10)			30/(120 - 30)		
Sound Pressure Level H/M/L	dBA	30/28/26		33/31/28	33/29/25		34/30/26
Sound Pressure Level Under Inlet H/M/L	dBA	39/36/33		45/40/36	-		-
Sound Power Level H/M/L	dBA	45/43/41		48/46/43	48 / 44 / 40		49/45/41
Sound Power Level Under Inlet H/M/L	dBA	54/51/48		60/55/51	-		-
Height/Width/Depth	mm	210/845/645			275 / 700 / 750		275/1000/750
Total Weight	kg	22			23		30
Gas Side	mm - "	9.5 - 3/8	12.7 - 1/2			15.9 - 5/8	
Liquid Side	mm - "	6.4 - 1/4			9.5 - 3/8		
Drain Port (Inner/Outer)	mm	25/32					
Power Cable From Outdoor To Header Indoor		3 core + earth					
Power Cable Header Indoor To Follower Indoor		2 core + earth					
Remote Controller (Standard Supplied)		RBC-AMT32E - (Wired 2-core non-polarity)					
OUTDOOR UNIT							
Standard Air Flow	l/s	1167	1717	2222		2500	
Standard Air Flow	m³/h	4200	6180	8000		9000	
Sound Pressure Level Cooling/Heating	dBA	54/55	51/53	56/57		57/58	
Sound Power Level Cooling/Heating	dBA	70/71	68/70	72/74		74/75	
Refrigerant Base Charge/Chargeless To	kg/m	2.8/32	3.1/32	5.9/32			
Refrigerant Additional Charge Main Liquid Side	g/m	40			80		
Refrigerant Additional Charge Sub Liquid Side	g/m	40			80		
Minimum/Maximum Piping Length	m	5/50		7.5/70			
Height Difference Outdoor To Indoor	m	±30					
Height Difference Indoor To Indoor	m	±0.5					
Branch Pipes Max. Length Main Distributor To Furthest Indoor	m	15			20		
Maxi. Distance From Second Distributor To Indoors	m	10			15		
Max. Subtractive Separation Between Indoors	m	5			6		
Pipe Connections Gas Side Sub Branch Line To Indoor	mm - "	9.5 - 3/8	12.7 - 1/2			15.9 - 5/8	
Pipe Connections Liquid Side Sub Branch Line To Indoor	mm - "	6.4 - 1/4			9.5 - 3/8		
Gas Side Sub Branch Line To Second Distributor	mm - "	12.7 - 1/2			15.9 - 5/8		
Liquid Side Sub Branch Line To Second Distributor	mm - "	6.4 - 1/4			9.5 - 3/8		
Pipe Connections Branch-Kit (Sold Separately)		RBC-DTWP101E					
Pipe Connections Gas Side Main Line To Distributor	mm - "	15.9 - 5/8			28.6 - 1-1/8		
Pipe Connections Liquid Side Main Line To Distributor	mm - "	9.5 - 3/8			12.7 - 1/2		
Drain Port Connector Hose Inner Diameter	mm	16					
Height/Width/Depth	mm	890/900/320	1340/900/320	1540/900/320			
Total Weight	kg	68	99	134			
Maximum Run Current	A	22.78	21.70	13.33		15.83	
Power Supply		1 phase 230 V 50 Hz			3 phase 400 V 50 Hz		
Suggested Fused Supply	A	32			16		20

- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 75 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



Quad-Split Super Digital Inverter

CODE		125	125	140	125	125	140	140
QUAD-SPLIT COMBINATIONS		COMPACT CASSETTE QUAD			SLIM DUCTED QUAD			DUCTED QUAD
INDOOR UNIT 1	RAV-	SM304MUT-E	SM304MUT-E	SM404MUT-E	SM304SDT-E	SM304SDT-E	SM404SDT-E	SM406BTP-E
INDOOR UNIT 2	RAV-	SM304MUT-E	SM304MUT-E	SM404MUT-E	SM304SDT-E	SM304SDT-E	SM404SDT-E	SM406BTP-E
INDOOR UNIT 3	RAV-	SM304MUT-E	SM304MUT-E	SM404MUT-E	SM304SDT-E	SM304SDT-E	SM404SDT-E	SM406BTP-E
INDOOR UNIT 4	RAV-	SM304MUT-E	SM304MUT-E	SM404MUT-E	SM304SDT-E	SM304SDT-E	SM404SDT-E	SM406BTP-E
OUTDOOR UNIT	RAV-	SP1404AT-E	SP1404AT8-E	SP1604AT8-E	SP1404AT-E	SP1404AT8-E	SP1604AT8-E	SP1604AT8-E
Cooling Capacity	kW	12.5 (2.6 - 14.0)		14.0 (2.6 - 16.0)	12.5 (2.6 - 14.0)		14.0 (2.6 - 16.0)	
Heating Capacity	kW	14.0 (2.4 - 16.5)	14.0 (2.4 - 18.0)	16.0 (2.4 - 19.0)	14.0 (2.4 - 16.5)	14.0 (2.4 - 18.0)	16.0 (2.4 - 19.0)	
UK Total Cooling/Sensible Cooling Capacity	kW	11.90/9.50	12.10/8.40	13.50/9.00	12.10/9.00		13.50/10.10	
UK Heating Capacity	kW	9.14		10.45	9.14		10.45	
Operating Range Cooling/Heating	°C	43 to -15/15 to -20		46 to -15/15 to -20	43 to -15/15 to -20		46 to -15/15 to -20	
Cooling	EER/SEER/ESEER	3.96/6.18/6.45	3.61/5.87/6.15	3.12/5.49/5.80	3.26/5.22/5.46	3.24/5.09/5.32	2.81/4.95/5.22	
	Power Consumption/Energy Efficiency Class	3.16/A++	3.46/A+	4.49/A	3.83/A	3.86/B	4.99/B	
Heating	COP/SCOP/ES COP	4.36/4.61/4.75	4.09/4.86/5.07	3.72/4.73/4.96	3.81/4.03/4.16	3.81/4.48/4.67	3.48/4.43/4.65	
	Power Consumption/Energy Efficiency Class	3.21/A++	3.42/A++	4.30/A++	3.67/A+	3.67/A+	4.60/A+	
INDOOR UNIT								
Standard Air Flow H/M/L	l/s	177/144/122		183/153/130	183/155/133		192/167/145	222/175/133
Standard Air Flow H/M/L	m ³ /h	640/520/440		660/552/468	660/560/480		690/600/522	798/630/480
External Static Pressure Standard/(Upper - Lower)	Pa	-			10/(50 - 10)			
Sound Pressure Level H/M/L	dBA	40/36/31			30/28/26		33/29/25	
Sound Pressure Level Under Inlet H/M/L	dBA	-			39/36/33		-	
Sound Power Level H/M/L	dBA	55/51/46			45/43/41		48/44/40	
Sound Power Level Under Inlet H/M/L	dBA	-			54/51/48		-	
Height/Width/Depth	mm	268/575/575			210/845/645		275/700/750	
Ceiling Panel Height/Width/Depth	mm	27/700/700			-		-	
Total Weight	kg	16		17	22		23	
Ceiling Panel Total Weight/Type	kg	3/RBC-UM11PG(W)-E			-		-	
Gas Side	mm - "	9.5 - 3/8		12.7 - 1/2	9.5 - 3/8		12.7 - 1/2	
Liquid Side	mm - "	-			6.4 - 1/4			
Drain Port (Inner/Outer)	mm	-			25/32			
Power Cable From Outdoor To Header Indoor		-			3 core + earth			
Power Cable Header Indoor To Follower Indoor		-			2 core + earth			
Remote Controller (Standard Supplied)		-			RBC-AMT32E - (Wired 2-core non-polarity)			
OUTDOOR UNIT								
Standard Air Flow	l/s	-			1717			
Standard Air Flow	m ³ /h	-			6180			
Sound Pressure Level Cooling/Heating	dBA	51/52		51/53	51/52		51/53	
Sound Power Level Cooling/Heating	dBA	68/69		68/70	68/69		68/70	
Refrigerant Base Charge/Chargeless To	kg/m	-			3.1/32			
Refrigerant Additional Charge Main Liquid Side	g/m	-			40			
Refrigerant Additional Charge Sub Liquid Side	g/m	-			40			
Minimum/Maximum Piping Length	m	-			3/50			
Height Difference Outdoor To Indoor	m	-			±30			
Height Difference Indoor To Indoor	m	-			±0.5			
Branch Pipes Max. Length Main Distributor To Furthest Indoor	m	-			15			
Maxi. Distance From Second Distributor To Indoors	m	-			10			
Max. Subtractive Separation Between Indoors	m	-			5			
Pipe Connections Gas Side Sub Branch Line To Indoor	mm - "	9.5 - 3/8		12.7 - 1/2	9.5 - 3/8		12.7 - 1/2	
Pipe Connections Liquid Side Sub Branch Line To Indoor	mm - "	-			6.4 - 1/4			
Gas Side Sub Branch Line To Second Distributor	mm - "	-			12.7 - 1/2			
Liquid Side Sub Branch Line To Second Distributor	mm - "	-			6.4 - 1/4			
Pipe Connections Branch-Kit (Sold Separately)		-			RBC-DTWP101E			
Pipe Connections Gas Side Main Line To Distributor	mm - "	-			15.9 - 5/8			
Pipe Connections Liquid Side Main Line To Distributor	mm - "	-			9.5 - 3/8			
Drain Port Connector Hose Inner Diameter	mm	-			16			
Height/Width/Depth	mm	-			1340/900/320			
Total Weight	kg	93		95	93		95	
Maximum Run Current	A	15.76		6.66	15.76		6.66	
Power Supply		1 ph 230 V 50 Hz		3 ph 400 V 50 Hz	1 ph 230 V 50 Hz		3 ph 400 V 50 Hz	
Suggested Fused Supply	A	25		16	25		16	