

- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 50 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



## Twin-Split Digital Inverter

CODE		50	71	100	
TWIN-SPLIT COMBINATIONS		COMPACT CASSETTE TWIN			
INDOOR UNIT 1	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	
INDOOR UNIT 2	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	
OUTDOOR UNIT	RAV-	SM564ATP-E	SM804ATP-E	SM1104ATP-E	
Cooling Capacity	kW	5.0 (1.5 - 5.6)	6.7 (1.5 - 8.0)	10.0 (3.0 - 11.2)	
Heating Capacity	kW	5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)	11.2 (3.0 - 13.0)	
UK Total Cooling/Sensible Cooling Capacity	kW	4.80/3.50	6.40/4.80	9.50/7.60	
UK Heating Capacity	kW	3.79	5.51	8.01	
Operating Range Cooling/Heating	°C	46 to -15/15 to -15			
Cooling	EER/SEER/ESEER	3.03/5.48/6.78	3.02/5.81/6.91	3.16/5.04/6.10	
	Seasonal Energy Consumption	kWh/a	319	404	695
	Power Consumption/Energy Efficiency Class		1.65/A	2.22/A+	3.16/B
Heating	COP/SCOP/ES COP	3.49/4.16/5.38	3.62/4.05/5.63	3.75/4.17/6.30	
	Seasonal Energy Consumption	kWh/a	1480	2349	2549
	Power Consumption/Energy Efficiency Class		1.52/A+	2.13/A+	2.99/A+

### INDOOR UNIT

Standard Air Flow H/M/L	l/s	177/144/122	183/153/130	222/187/152
Standard Air Flow H/M/L	m <sup>3</sup> /h	640/520/440	660/552/468	798/672/546
Sound Pressure Level H/M/L	dBA	40/36/31		43/39/34
Sound Power Level H/M/L	dBA	55/51/46		58/54/49
Height/Width/Depth	mm	268/575/575		
Ceiling Panel Height/Width/Depth	mm	27/700/700		
Total Weight	kg	16	17	
Ceiling Panel Total Weight/Type	kg	3/RBC-UM11PG(W)-E		
Gas Side	mm - "	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	667	750	1133
Standard Air Flow	m <sup>3</sup> /h	2400	2700	4080
Sound Pressure Level Cooling/Heating	dBA	46/48	48/52	53/54
Sound Power Level Cooling/Heating	dBA	63/65	65/69	70/71
Refrigerant Base Charge/Chargeless To	kg/m	1.1/22	1.7/22	2.8/32
Refrigerant Additional Charge Main Liquid Side	g/m	20	40	
Refrigerant Additional Charge Sub Liquid Side	g/m	20		
Minimum/Maximum Piping Length	m	5/30		5/50
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	10		15
Max. Subtractive Separation Between Indoors	m	5		10
Pipe Connections Gas Side Sub Branch Line To Indoor	mm - "	9.5 - 3/8	12.7 - 1/2	
Pipe Connections Liquid Side Sub Branch Line To Indoor	mm - "	6.4 - 1/4		
Pipe Connections Branch-Kit (Sold Separately)		RBC-TWP101E		
Pipe Connections Gas Side Main Line To Distributor	mm - "	12.7 - 1/2	15.9 - 5/8	
Pipe Connections Liquid Side Main Line To Distributor	mm - "	6.4 - 1/4	9.5 - 3/8	
Drain Port Connector Hose Inner Diameter	mm	16		
Height/Width/Depth	mm	550/780/290		890/900/320
Total Weight	kg	33	44	68
Maximum Run Current	A	7.78	11.43	15.28
Power Supply		1 phase 230 V 50 Hz		
Suggested Fused Supply	A	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



## Twin-Split Super Digital Inverter

CODE		50	71	100	100	
TWIN-SPLIT COMBINATIONS		COMPACT CASSETTE TWIN				
INDOOR UNIT 1	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564MUT-E	
INDOOR UNIT 2	RAV-	SM304MUT-E	SM404MUT-E	SM564MUT-E	SM564MUT-E	
OUTDOOR UNIT	RAV-	SP564ATP-E	SP804ATP-E	SP1104AT-E	SP1104AT8-E	
Cooling Capacity	kW	4.0 (1.5 - 4.5)	7.1 (1.9 - 8.0)	10.0 (2.6 - 12.0)	10.0 (2.6 - 12.0)	
Heating Capacity	kW	4.5 (1.5 - 5.6)	8.0 (1.3 - 10.6)	11.2 (2.4 - 14.0)	11.2 (2.4 - 14.0)	
UK Total Cooling/Sensible Cooling Capacity	kW	4.80/3.50	6.70/4.50	9.50/7.60	9.70/7.40	
UK Heating Capacity	kW	3.66	5.22	7.31		
Operating Range Cooling/Heating	°C	43 to -15/15 to -20	43 to -15/15 to -15		46 to -15/15 to -20	
Cooling	EER/SEER/ESEER	3.21/5.61/6.97	3.21/5.60/6.83	3.75/5.67/6.75	3.58/5.64/6.75	
	Seasonal Energy Consumption	kWh/a	312	444	618	621
	Power Consumption/Energy Efficiency Class		1.56/A+	2.21/A+	2.67/A+	2.79/A+
Heating	COP/SCOP/ESCOPE	3.64/4.20/5.98	3.70/3.86/4.81	4.19/3.90/4.79		
	Seasonal Energy Consumption	kWh/a	1801	2756	4169	
	Power Consumption/Energy Efficiency Class		1.54/A+	2.16/A	2.67/A	

### INDOOR UNIT

Standard Air Flow H/M/L	l/s	177/144/122	183/153/130	222/187/152
Standard Air Flow H/M/L	m³/h	640/520/440	660/552/468	798/672/546
Sound Pressure Level H/M/L	dBA	40/36/31		43/39/34
Sound Power Level H/M/L	dBA	55/51/46		58/54/49
Height/Width/Depth	mm	268/575/575		
Ceiling Panel Height/Width/Depth	mm	27/700/700		
Total Weight	kg	16	17	
Ceiling Panel Total Weight/Type	kg	3/RBC-UM11PG(W)-E		
Gas Side	mm - "	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	667		1683	
Standard Air Flow	m³/h	2400		6060	
Sound Pressure Level Cooling/Heating	dBA	47/48	45/47	49/50	
Sound Power Level Cooling/Heating	dBA	63/64	62/64	66/67	
Refrigerant Base Charge/Chargeless To	kg/m	1.4/22	2.1/32	3.1/32	
Refrigerant Additional Charge Main Liquid Side	g/m	20	40		
Refrigerant Additional Charge Sub Liquid Side	g/m	20			
Minimum/Maximum Piping Length	m	5/50	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	10	15		
Max. Subtractive Separation Between Indoors	m	10			
Pipe Connections Gas Side Sub Branch Line To Indoor	mm - "	9.5 - 3/8	12.7 - 1/2		
Pipe Connections Liquid Side Sub Branch Line To Indoor	mm - "	6.4 - 1/4			
Pipe Connections Branch-Kit (Sold Separately)		RBC-TWP101E			
Pipe Connections Gas Side Main Line To Distributor	mm - "	12.7 - 1/2	15.9 - 5/8		
Pipe Connections Liquid Side Main Line To Distributor	mm - "	6.4 - 1/4	9.5 - 3/8		
Drain Port Connector Hose Inner Diameter	mm	16			
Height/Width/Depth	mm	550/780/290	1340/900/320		
Total Weight	kg	44	40	93	95
Maximum Run Current	A	6.55	9.02	10.43	3.72
Power Supply		1 phase 230 V 50 Hz			3 phase 400 V 50 Hz
Suggested Fused Supply	A	16			10