

- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 70 m
- Distance between indoor units up to 20 m
- Flexible and easy to install



Twin-Split Digital Inverter

CODE		50	71	100	
TWIN-SPLIT COMBINATIONS		SLIM DUCTED TWIN			
INDOOR UNIT 1	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E	
INDOOR UNIT 2	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-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 - 12.5)	
UK Total Cooling/Sensible Cooling Capacity	kW	4.80/3.30	6.40/4.80	9.50/7.70	
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	2.62/5.06/6.15	3.02/5.58/6.65	3.14/5.09/6.10	
	Seasonal Energy Consumption	kWh/a	346	420	688
	Power Consumption/Energy Efficiency Class		1.91/B	2.22/A	3.18/B
Heating	COP/SCOP/ES COP	3.53/4.06/5.21	3.62/4.07/5.36	3.75/4.16/5.37	
	Seasonal Energy Consumption	kWh/a	1517	2155	2558
	Power Consumption/Energy Efficiency Class		1.50/A+	2.13/A+	2.99/A+
INDOOR UNIT					
Standard Air Flow H/M/L	l/s	183/155/133	192/167/145	217/188/162	
Standard Air Flow H/M/L	m³/h	660/560/480	690/600/522	780/678/582	
External Static Pressure Standard/(Upper - Lower)	Pa	10/(50 - 10)			
Sound Pressure Level H/M/L	dBA	30/28/26		33/31/28	
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	
Sound Power Level Under Inlet H/M/L	dBA	54/51/48		60/55/51	
Height/Width/Depth	mm	210/845/645			
Total Weight	kg	22			
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	m³/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	15.38	
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		SLIM DUCTED TWIN			
INDOOR UNIT 1	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E	SM564SDT-E
INDOOR UNIT 2	RAV-	SM304SDT-E	SM404SDT-E	SM564SDT-E	SM564SDT-E
OUTDOOR UNIT	RAV-	SP564ATP-E	SP804ATP-E	SP1104AT-E	SP1104AT8-E

Cooling Capacity	kW	5.3 (1.2 - 5.6)	7.1 (1.9 - 8.0)	10.0 (2.6 - 12.0)		
Heating Capacity	kW	5.6 (0.9 - 8.1)	8.0 (1.3 - 10.6)	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				
Operating Range Cooling/Heating	°C	43 to -15/15 to -20				
Cooling	EER/SEER/ESEER	3.21/5.10/6.40	3.21/5.38/6.57	3.61/5.60/6.83	3.58/5.55/6.73	
	Seasonal Energy Consumption	kWh/a	343	462	625	631
	Power Consumption/Energy Efficiency Class		1.56/A	2.21/A	2.77/A+	2.79/A
Heating	COP/SCOP/ESCOP	3.89/3.90/4.99	3.70/3.88/4.58	4.19/3.84/4.69	4.19/3.84/4.69	
	Seasonal Energy Consumption	kWh/a	1975	2528	4234	
	Power Consumption/Energy Efficiency Class		1.44/A	2.16/A	2.67/A	

INDOOR UNIT

Standard Air Flow H/M/L	l/s	183/155/133	192/167/145	217/188/162	
Standard Air Flow H/M/L	m³/h	660/560/480	690/600/522	780/678/582	
External Static Pressure Standard/(Upper - Lower)	Pa	10/(50 - 10)	5/(50 - 5)	4/(50 - 6)	30/(120 - 30)
Sound Pressure Level H/M/L	dBA	30/28/26		33/31/28	
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	
Sound Power Level Under Inlet H/M/L	dBA	54/51/48		60/55/51	
Height/Width/Depth	mm	210/845/645			
Total Weight	kg	22			
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	833	1683	
Standard Air Flow	m³/h	2400	3000	6060	
Sound Pressure Level Cooling/Heating	dBA	47/48	48/49	49/50	
Sound Power Level Cooling/Heating	dBA	63/64	64/65	66/67	
Refrigerant Base Charge/Chargeless To	kg/m	1.4/22	2.1/22	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	890/900/320	1340/900/320	
Total Weight	kg	44	66	93	95
Maximum Run Current	A	6.55	9.02	10.43	3.72
Power Supply		1 phase 230 V 50 Hz			
Suggested Fused Supply	A	16			10