

- 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		71	100	125	140	200	250
TWIN-SPLIT COMBINATIONS		DUCTED TWIN					
INDOOR UNIT 1	RAV-	SM406BTP-E	SM566BTP-E	SM806BTP-E	SM806BTP-E	SM1106BTP-E	SM1406BTP-E
INDOOR UNIT 2	RAV-	SM406BTP-E	SM566BTP-E	SM806BTP-E	SM806BTP-E	SM1106BTP-E	SM1406BTP-E
OUTDOOR UNIT	RAV-	SM804ATP-E	SM1104ATP-E	SM1404ATP-E	SM1603AT-E	SM2244AT8-E	SM2804AT8-E

Cooling Capacity	kW	6.7 (1.5 - 7.4)	10.0 (3.0 - 11.2)	12.1 (3.0 - 13.2)	14.0 (3.0 - 16.0)	20.0 (9.8 - 22.4)	23.0 (9.8 - 27.0)
Heating Capacity	kW	7.7 (1.5 - 9.0)	11.2 (3.0 - 12.5)	12.8 (3.0 - 16.0)	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	6.20/4.80	9.50/7.70	11.50/8.90	13.30/9.30	19.30/13.50	22.20/15.00
UK Heating Capacity	kW	5.51	8.01	9.16	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	
Cooling	EER/SEER/ESEER	2.82/5.04/5.94	3.18/5.00/6.13	2.74/5.53/5.88	2.73/4.78/5.03	2.81/4.76/5.00	2.41/4.85/5.15
	Seasonal Energy Consumption	kWh/a	466	699	-	-	-
	Power Consumption/Energy Efficiency Class		2.38/B	3.14/B	4.42/A	5.13/B	7.12/B
Heating	COP/SCOP/ESCOF	3.32/3.83/5.06	3.75/4.14/5.36	3.61/4.42/4.58	3.41/3.86/4.00	3.50/4.54/4.76	3.41/4.31/4.52
	Seasonal Energy Consumption	kWh/a	2450	2568	-	-	-
	Power Consumption/Energy Efficiency Class		2.32/A	2.99/A+	3.55/A+	4.69/A	6.40/A+

INDOOR UNIT

Standard Air Flow H/M/L	l/s	222/175/133		333/258/200		583/458/350	
Standard Air Flow H/M/L	m³/h	798/630/480		1200/930/720		2100/1650/1260	
External Static Pressure Standard/(Upper - Lower)	Pa	30/(120 - 30)					
Sound Pressure Level H/M/L	dBA	33/29/25		34/30/26		40/36/33	
Sound Power Level H/M/L	dBA	48/44/40		49/45/41		55/51/48	
Height/Width/Depth	mm	275/700/750		275/1000/750		275/1400/750	
Total Weight	kg	23		30		40	
Gas Side	mm - "	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	750	1133	1167	1717	2222	2500
Standard Air Flow	m³/h	2700	4080	4200	6180	8000	9000
Sound Pressure Level Cooling/Heating	dBA	48/52	53/54	54/55	51/53	56/57	57/58
Sound Power Level Cooling/Heating	dBA	65/69	70/71		68/70	72/74	74/75
Refrigerant Base Charge/Chargeless To	kg/m	1.7/22	2.8/32		3.1/32	5.9/32	
Refrigerant Additional Charge Main Liquid Side	g/m	40					
Refrigerant Additional Charge Sub Liquid Side	g/m	20		40			
Minimum/Maximum Piping Length	m	5/30	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	10	15		20		
Max. Subtractive Separation Between Indoors	m	5	10				
Pipe Connections Gas Side Sub Branch Line To Indoor	mm - "	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			
Pipe Connections Branch-Kit (Sold Separately)		RBC-TWP101E					
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	550/780/290	890/900/320		1340/900/320	1540/900/320	
Total Weight	kg	44	68		99	134	
Maximum Run Current	A	11.43	15.18	21.37	21.70	13.33	15.83
Power Supply		1 phase 230 V 50 Hz				3 phase 400 V 50 Hz	
Suggested Fused Supply	A	16	20	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



Twin-Split Super Digital Inverter

CODE		71	100	100	125	125	140
TWIN-SPLIT COMBINATIONS		DUCTED TWIN					
INDOOR UNIT 1	RAV-	SM406BTP-E	SM566BTP-E	SM566BTP-E	SM806BTP-E	SM806BTP-E	SM806BTP-E
INDOOR UNIT 2	RAV-	SM406BTP-E	SM566BTP-E	SM566BTP-E	SM806BTP-E	SM806BTP-E	SM806BTP-E
OUTDOOR UNIT	RAV-	SP804ATP-E	SP1104AT-E	SP1104AT8-E	SP1404AT-E	SP1404AT8-E	SP1604AT8-E
Cooling Capacity	kW	7.1 (1.9 - 8.0)	10.0 (2.6 - 12.0)		12.5 (2.6 - 14.0)		14.0 (2.6 - 16.0)
Heating Capacity	kW	8.0 (1.3 - 10.6)	11.2 (2.4 - 13.0)	11.2 (2.4 - 15.6)	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	6.70/5.10	9.70/7.20		12.10/9.00		13.50/10.10
UK Heating Capacity	kW	5.22	7.31		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	3.45/5.88/7.39		3.79/5.65/6.88	3.26/5.22/5.46		3.24/5.09/5.32
	Seasonal Energy Consumption	423		619			-
	Power Consumption/Energy Efficiency Class	2.06/A+		2.64/A+	3.83/A		3.86/B
Heating	COP/SCOP/ES COP	3.62/4.00/4.77		4.04/3.87/4.66	3.81/4.03/4.16		3.81/4.48/4.67
	Seasonal Energy Consumption	2448		3906			-
	Power Consumption/Energy Efficiency Class	2.21/A+		2.77/A	3.67/A+		4.60/A+

INDOOR UNIT

Standard Air Flow H/M/L	l/s	222/175/133		583/458/350	333/258/200		583/458/350
Standard Air Flow H/M/L	m³/h	798/630/480		2100/1650/1260	1200/930/720		2100/1650/1260
External Static Pressure Standard/(Upper - Lower)	Pa	30/(120 - 30)		50/(120 - 30)	30/(120 - 30)		50/(120 - 30)
Sound Pressure Level H/M/L	dB(A)	33/29/25		40/36/33	34/30/26		40/36/33
Sound Power Level H/M/L	dB(A)	48/44/40		55/51/48	49/45/41		55/51/48
Height/Width/Depth	mm	275/700/750			275/1000/750		
Total Weight	kg	23			30		
Gas Side	mm - "	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	833	1683	1717			
Standard Air Flow	m³/h	3000	6060	6180			
Sound Pressure Level Cooling/Heating	dB(A)	48/49	49/50	51/52		51/53	
Sound Power Level Cooling/Heating	dB(A)	64/65	66/67	68/69		68/70	
Refrigerant Base Charge/Chargeless To	kg/m	2.1/32	3.1/32				
Refrigerant Additional Charge Main Liquid Side	g/m	40					
Refrigerant Additional Charge Sub Liquid Side	g/m	20			40		
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 - "	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		
Pipe Connections Branch-Kit (Sold Separately)		RBC-TWP101E					
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	890/900/320	1340/900/320				
Total Weight	kg	66	93	95	93	95	
Maximum Run Current	A	9.02	10.43	3.72	15.76	5.42	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	16		10	25	16	