

- 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	250
QUAD-SPLIT COMBINATIONS		HIGH-WALL QUAD			
INDOOR UNIT 1	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRTP-E	SM806KRTP-E
INDOOR UNIT 2	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRTP-E	SM806KRTP-E
INDOOR UNIT 3	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRTP-E	SM806KRTP-E
INDOOR UNIT 4	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRTP-E	SM806KRTP-E
OUTDOOR UNIT	RAV-	SM1404ATP-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)	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)	27.0 (9.8 - 31.5)
UK Total Cooling/Sensible Cooling Capacity	kW	11.50/8.40	13.30/9.40	19.30/13.30	22.20/14.70
UK Heating Capacity	kW	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	2.74/5.53/5.88	2.65/4.54/4.76	2.81/4.76/5.00	2.41/4.85/5.15
	Power Consumption/Energy Efficiency Class	4.42/A	4.57/C	7.12/B	9.55/B
Heating	COP/SCOP/ESCOP	3.73/4.55/4.72	3.30/3.39/3.50	3.50/4.54/4.76	3.41/4.31/4.52
	Power Consumption/Energy Efficiency Class	3.43/A+	4.24/B	6.40/A+	7.92/A+
INDOOR UNIT					
Standard Air Flow H/M/L	l/s	158/128/83	191/145/83	233/208/183	283/208/183
Standard Air Flow H/M/L	m³/h	570/462/300	690/522/300	840/750/660	1020/750/660
Sound Pressure Level H/M/L	dBA	41/37/29	45/40/30	42/39/36	47/41/36
Sound Power Level H/M/L	dBA	56/52/44	60/55/45	57/54/51	62/56/51
Height/Width/Depth	mm	275/790/217		320/1050/228	
Total Weight	kg	10		12	
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	14/16			
Power Cable From Outdoor To Header Indoor		3 core + earth			
Power Cable Header Indoor To Follower Indoor		2 core + earth			
Remote Controller (Standard Supplied)		WH-L17SE - (Infra-Red)		WH-L11SE - (Infra-Red)	
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		140	200	250
QUAD-SPLIT COMBINATIONS		CEILING QUAD		
INDOOR UNIT 1	RAV-	SM407CTP-E	SM567CTP-E	SM807CTP-E
INDOOR UNIT 2	RAV-	SM407CTP-E	SM567CTP-E	SM807CTP-E
INDOOR UNIT 3	RAV-	SM407CTP-E	SM567CTP-E	SM807CTP-E
INDOOR UNIT 4	RAV-	SM407CTP-E	SM567CTP-E	SM807CTP-E
OUTDOOR UNIT	RAV-	SM1603AT-E	SM2244AT8-E	SM2804AT8-E
Cooling Capacity	kW	14.0 (3.0 - 16.0)	20.0 (9.8 - 22.4)	23.0 (9.8 - 27.0)
Heating Capacity	kW	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	13.30/9.30	19.30/13.50	22.20/14.90
UK Heating Capacity	kW	10.45	14.63	17.63
Operating Range Cooling/Heating	°C	43 to -15/15 to -15	46 to -15/15 to -20	
Cooling	EER/SEER/ESEER	3.01/4.94/5.17	2.81/4.76/5.00	2.41/4.85/5.15
	Power Consumption/Energy Efficiency Class	4.65/B	7.12/B	9.55/B
Heating	COP/SCOP/ES COP	3.47/4.36/4.56	3.50/4.54/4.76	3.41/4.31/4.52
	Power Consumption/Energy Efficiency Class	4.61/A+	6.40/A+	7.92/A+
INDOOR UNIT				
Standard Air Flow H/M/L	l/s	250/200/150		392/278/208
Standard Air Flow H/M/L	m³/h	900/720/540		1410/1002/750
Sound Pressure Level H/M/L	dB(A)	37/35/28		41/36/29
Sound Power Level H/M/L	dB(A)	52/50/43		56/51/44
Height/Width/Depth	mm	235/950/690		235/1270/690
Total Weight	kg	23		29
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	20/26		
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	2222	2500
Standard Air Flow	m³/h	6180	8000	9000
Sound Pressure Level Cooling/Heating	dB(A)	51/53	56/57	57/58
Sound Power Level Cooling/Heating	dB(A)	68/70	72/74	74/75
Refrigerant Base Charge/Chargeless To	kg/m	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 - "	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	1340/900/320	1540/900/320	
Total Weight	kg	99	134	
Maximum Run Current	A	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	140
QUAD-SPLIT COMBINATIONS		HIGH-WALL QUAD			CEILING QUAD
INDOOR UNIT 1	RAV-	SM307KRTP-E	SM307KRTP-E	SM407KRTP-E	SM407CTP-E
INDOOR UNIT 2	RAV-	SM307KRTP-E	SM307KRTP-E	SM407KRTP-E	SM407CTP-E
INDOOR UNIT 3	RAV-	SM307KRTP-E	SM307KRTP-E	SM407KRTP-E	SM407CTP-E
INDOOR UNIT 4	RAV-	SM307KRTP-E	SM307KRTP-E	SM407KRTP-E	SM407CTP-E
OUTDOOR UNIT	RAV-	SP1404AT-E	SP1404AT8-E	SP1604AT8-E	SP1604AT8-E
Cooling Capacity	kW	12.3 (2.6 - 13.5)		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)	16.0 (2.4 - 19.0)
UK Total Cooling/Sensible Cooling Capacity	kW	11.90/8.70		13.30/9.30	
UK Heating Capacity	kW	9.14		10.45	
Operating Range Cooling/Heating	°C	43 to -15/15 to -20		46 to -15/15 to -20	
Cooling	EER/SEER/ESEER	3.17/4.95/5.18		3.08/4.95/5.18	
	Power Consumption/Energy Efficiency Class	3.88/B		4.00/B	
Heating	COP/SCOP/ESCOP	3.66/4.00/4.13		3.28/3.64/3.76	
	Power Consumption/Energy Efficiency Class	3.83/A		4.88/A	
INDOOR UNIT					
Standard Air Flow H/M/L	l/s	143/115/83		191/145/83	
Standard Air Flow H/M/L	m³/h	516/414/300		690/522/300	
Sound Pressure Level H/M/L	dB(A)	41/37/31		45/40/30	
Sound Power Level H/M/L	dB(A)	56/52/46		60/55/45	
Height/Width/Depth	mm	275/790/217			235/950/690
Total Weight	kg	10			
Gas Side	mm - "	9.5 - 3/8		12.7 - 1/2	
Liquid Side	mm - "	6.4 - 1/4			
Drain Port (Inner/Outer)	mm	14/16			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)		WH-L17SE - (Infra-Red)			RBC-AMT32E
OUTDOOR UNIT					
Standard Air Flow	l/s	1717			
Standard Air Flow	m³/h	6180			
Sound Pressure Level Cooling/Heating	dB(A)	51/52		51/53	
Sound Power Level Cooling/Heating	dB(A)	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	
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	
Maximum Run Current	A	15.76		6.66	
Power Supply		1 phase 230 V 50 Hz		3 phase 400 V 50 Hz	
Suggested Fused Supply	A	25		16	