

- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 70 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



Triple-Split Digital Inverter

CODE		100	125	140	200	250
TRIPLE-SPLIT COMBINATIONS		HIGH-WALL TRIPLE				
INDOOR UNIT 1	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRT-E	SM806KRT-E	SM806KRT-E
INDOOR UNIT 2	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRT-E	SM806KRT-E	SM806KRT-E
INDOOR UNIT 3	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRT-E	SM806KRT-E	SM806KRT-E
OUTDOOR UNIT	RAV-	SM1104ATP-E	SM1404ATP-E	SM1603AT-E	SM2244AT8-E	SM2804AT8-E
Cooling Capacity	kW	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	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	9.50/7.20	11.50/8.40	13.30/9.40	19.30/13.30	22.20/14.70
UK Heating Capacity	kW	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	3.22/5.70/6.86	2.74/5.53/5.88	2.65/4.54/4.76	2.81/4.76/5.00	2.41/4.85/5.15
	Seasonal Energy Consumption	614				
	Power Consumption/Energy Efficiency Class	3.11/A+	4.42/A	4.57/C	7.12/B	9.55/B
Heating	COP/SCOP/ESCOP	3.81/4.27/5.52	3.73/4.55/4.72	3.30/3.39/3.50	3.50/4.54/4.76	3.41/4.31/4.52
	Seasonal Energy Consumption	2490				
	Power Consumption/Energy Efficiency Class	2.94/A+	3.43/A+	4.24/B	6.40/A+	7.92/A+

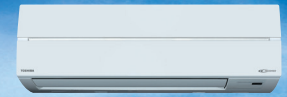
INDOOR UNIT

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	m ³ /h	570/462/300	690/522/300	840/750/660	1020/750/660	
Sound Pressure Level H/M/L	dB(A)	40/34/29	45/40/30	42/39/36	47/41/36	
Sound Power Level H/M/L	dB(A)	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	1133	1167	1717	2222	2500
Standard Air Flow	m ³ /h	4080	4200	6180	8000	9000
Sound Pressure Level Cooling/Heating	dB(A)	53/54	54/55	51/53	56/57	57/58
Sound Power Level Cooling/Heating	dB(A)	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				
Refrigerant Additional Charge Sub Liquid Side	g/m	20	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	
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	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 (Included in System Price)		RBC-TRP100E				
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	15.14	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	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



Triple-Split Super Digital Inverter

CODE		100	100	125	125	140
TRIPLE-SPLIT COMBINATIONS		HIGH-WALL TRIPLE				
INDOOR UNIT 1	RAV-	SM307KRTP-E	SM307KRTP-E	SM407KRTP-E	SM407KRTP-E	SM566KRT-E
INDOOR UNIT 2	RAV-	SM307KRTP-E	SM307KRTP-E	SM407KRTP-E	SM407KRTP-E	SM566KRT-E
INDOOR UNIT 3	RAV-	SM307KRTP-E	SM307KRTP-E	SM407KRTP-E	SM407KRTP-E	SM566KRT-E
OUTDOOR UNIT	RAV-	SP1104AT-E	SP1104AT8-E	SP1404AT-E	SP1404AT8-E	SP1604AT8-E

Cooling Capacity	kW	10.0 (2.6 - 12.0)		12.3 (2.6 - 13.5)		14.0 (2.6 - 16.0)
Heating Capacity	kW	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	9.50/7.60	9.70/7.40	11.90/8.70		13.30/9.30
UK Heating Capacity	kW	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	3.61/5.60/6.72		3.42/5.51/6.62		3.17/4.95/5.18
	Seasonal Energy Consumption	kWh/a		625		635
	Power Consumption/Energy Efficiency Class	2.77/A+		2.92/A		3.88/B
Heating	COP/SCOP/ES COP	4.00/3.87/4.66		3.93/3.87/5.27		3.66/4.00/4.13
	Seasonal Energy Consumption	kWh/a		3903		-
	Power Consumption/Energy Efficiency Class	2.80/A		3.83/A		4.88/A

INDOOR UNIT

Standard Air Flow H/M/L	l/s	143/115/83		191/145/83	143/115/83	283/208/183
Standard Air Flow H/M/L	m³/h	516/414/300		690/522/300	516/414/300	1020/750/660
Sound Pressure Level H/M/L	dBA	41/37/31		45/40/30	41/37/31	42/39/36
Sound Power Level H/M/L	dBA	56/52/46		60/55/45	60/55/47	57/54/51
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		
Liquid Side	mm - "	6.4 - 1/4				
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	1683		1717		
Standard Air Flow	m³/h	6060		6180		
Sound Pressure Level Cooling/Heating	dBA	49/50		51/52		51/53
Sound Power Level Cooling/Heating	dBA	66/67		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	20		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				
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		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 (Included in System Price)		RBC-TRP100E				
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	10.43	3.72	15.76	6.66	
Power Supply		1 phase 230 V 50 Hz	3 phase 400 V 50 Hz	1 phase 230 V 50 Hz	3 phase 400 V 50 Hz	
Suggested Fused Supply	A	16	10	25	16	