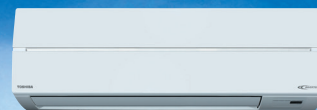


- 1 & 3 phase outdoor unit
- Group control
- Piping lengths up to 50 m
- Distance between indoor units up to 15 m
- Flexible and easy to install



Twin-Split Digital Inverter

CODE		50	71	100	125	140
TWIN-SPLIT COMBINATIONS		HIGH-WALL TWIN				
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
OUTDOOR UNIT	RAV-	SM564ATP-E	SM804ATP-E	SM1104ATP-E	SM1404ATP-E	SM1603AT-E
Cooling Capacity	kW	5.0 (1.5 - 5.6)	6.7 (1.5 - 7.4)	10.0 (3.0 - 11.2)	12.1 (3.0 - 13.0)	14.0 (3.0 - 16.0)
Heating Capacity	kW	5.3 (1.5 - 6.3)	7.7 (1.5 - 9.0)	11.2 (3.0 - 12.5)	12.8 (3.0 - 16.0)	16.0 (3.0 - 18.0)
UK Total Cooling/Sensible Cooling Capacity	kW	4.80/3.40	6.40/4.50	9.50/7.60	11.40/8.80	13.30/9.40
UK Heating Capacity	kW	3.79	5.51	8.01	9.16	10.45
Operating Range Cooling/Heating	°C	46 to -15/15 to -15				43 to -15/15 to -15
Cooling	EER/SEER/ESEER	3.01/5.77/7.02	2.75/5.62/6.71	3.19/5.13/6.10	2.57/5.27/5.61	2.65/4.94/5.17
	Seasonal Energy Consumption	kWh/a	304	417	682	-
	Power Consumption/Energy Efficiency Class		1.66/A+	2.44/A+	3.13/A	4.71/A
Heating	COP/SCOP/ES COP	3.42/4.00/4.78	2.95/4.01/5.07	3.75/4.18/5.37	3.37/4.19/4.36	3.30/4.36/4.56
	Seasonal Energy Consumption	kWh/a	1539	2198	2546	-
	Power Consumption/Energy Efficiency Class		1.55/A	2.61/A+	2.99/A+	3.80/A+

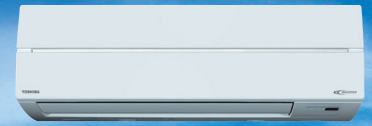
INDOOR UNIT

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	dBA	40/34/29	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	667	750	1133	1167	1717
Standard Air Flow	m ³ /h	2400	2700	4080	4200	6180
Sound Pressure Level Cooling/Heating	dBA	46/48	48/52	53/54	54/55	51/53
Sound Power Level Cooling/Heating	dBA	63/65	65/69	70/71	70/71	68/70
Refrigerant Base Charge/Chargeless To	kg/m	1.1/22	1.7/22	2.8/32		3.1/32
Refrigerant Additional Charge Main Liquid Side	g/m	20	40		40	
Refrigerant Additional Charge Sub Liquid Side	g/m	20		40		40
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		15.9 - 5/8	
Pipe Connections Liquid Side Sub Branch Line To Indoor	mm - "	6.4 - 1/4		9.5 - 3/8		
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	33	39	68		99
Maximum Run Current	A	7.78	12.23	15.14	22.78	21.70
Power Supply		1 phase 230 V 50 Hz				
Suggested Fused Supply	A	16	20	32	32	

- 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	125	125	140	
TWIN-SPLIT COMBINATIONS		HIGH-WALL TWIN							
INDOOR UNIT 1	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRT-E	SM566KRT-E	SM806KRT-E	SM806KRT-E	SM806KRT-E	
INDOOR UNIT 2	RAV-	SM307KRTP-E	SM407KRTP-E	SM566KRT-E	SM566KRT-E	SM806KRT-E	SM806KRT-E	SM806KRT-E	
OUTDOOR UNIT	RAV-	SP564ATP-E	SP804ATP-E	SP1104AT-E	SP1104AT8-E	SP1404AT-E	SP1404AT8-E	SP1604AT8-E	
Cooling Capacity	kW	5.0 (1.2 - 5.6)	7.1 (1.9 - 8.0)	10.0 (2.6 - 12.0)	10.0 (2.6 - 12.0)	12.3 (2.6 - 13.5)	12.3 (2.6 - 13.5)	14.0 (2.6 - 16.0)	
Heating Capacity	kW	5.6 (0.9 - 7.3)	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	4.80/3.40	6.70/4.70	9.50/7.60	9.70/7.40	11.90/8.70		13.30/9.30	
UK Heating Capacity	kW	3.79	5.51	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	3.47/5.82/7.30	3.21/5.88/7.00	3.61/5.60/6.72	3.42/5.51/6.62	3.17/4.95/5.18	3.08/4.95/5.18	2.75/4.55/4.77	
	Seasonal Energy Consumption	kWh/a	300	422	625	635	-		
	Power Consumption/Energy Efficiency Class		1.44/A+	2.21/A+	2.77/A+	2.92/A	3.88/B	4.00/B	5.10/C
Heating	COP/SCOP/ES COP	3.73/4.01/5.27	3.42/3.87/4.79	4.00/3.87/4.66	3.93/3.87/5.27	3.66/4.00/4.13	3.61/4.00/4.13	3.28/3.64/3.76	
	Seasonal Energy Consumption	kWh/a	2027	2534	3903		-		
	Power Consumption/Energy Efficiency Class		1.50/A+	2.34/A	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	233/208/183		283/208/183		
Standard Air Flow H/M/L	m³/h	516/414/300	690/522/300	840/750/660		1020/750/660		
Sound Pressure Level H/M/L	dBA	41/37/31	45/40/30	42/39/36		47/41/36		
Sound Power Level H/M/L	dBA	56/52/46	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	667	833	1683		1717			
Standard Air Flow	m³/h	2400	3000	6060		6180			
Sound Pressure Level Cooling/Heating	dBA	47/48	48/49	49/50		51/52			
Sound Power Level Cooling/Heating	dBA	63/64	64/65	66/67		68/69			
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			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		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			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 - "	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	93	95		
Maximum Run Current	A	6.55	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