



# TOSHIBA

Leading Innovation >>>

## Twin-Split Heat Pump System

- Allows connection of two indoor units (same type and capacity) to one outdoor unit
- Utilises R410A none ozone depleting Refrigerant
- Replacement Technology (R22 & R407c)
- Twin-operation is possible with all light-commercial indoor units (except XT)
- 95% of SDI systems are A-rated
- Requires a twin connection kit (RBC-TWP30E/50E)
- Infra-red and wired controls available

The Super Digital Inverter Twin-Split system connects two indoor units of the same type and capacity to one outdoor unit in order to ensure more air distribution in a larger area/room.

One of the units is designated the master unit and this manages the room temperature reference for both indoor units.

The units are suitable for use with either new R410A refrigerant pipe work, or indeed can be used as 'replacement technology' enabling the re-use of existing R22 or R407c Pipe work.



Model	Outdoor Unit	RAV	SP1104AT-E	SP1404AT-E	SP1104AT-E	SP1104AT-E	SP1404AT-E
	Indoor Unit	RAV	2 x 4-way cassette SM564UT-E	SM804UT-E	2 x compact SM562MUT-E	2 x ceiling unit SM562CT-E	SM802CT-E
System Data	Cooling Capacity (Range)	kW	10 [3-12]	12.5 [3-14]	10 [3-12]	10 [3-12]	12.5 [3-14]
	Heating Capacity (Range)	kW	11.2 [3-13]	14 [3-16.5]	11.2 [3-13]	11.2 [3-13]	14 [3-16.5]
	Power Input, Cooling/Heating	kW	2.4/2.55	3.56/3.58	2.67/2.67	2.4/2.55	3.9/3.75
	COP	W/W	4.39	3.91	4.19	4.39	3.73
	EER	W/W	4.17	3.51	3.75	4.17	3.21
	Annual Power Consumption, Cooling	kWh	1200	1780	1335	1200	1950
	Energy Label, Cooling / Heating	A/A	A/A	A/A	A/A	A/A	A/A
	UK Conditions - Cooling Capacity	kW	10.87	13.59	10.87	10.87	13.59
UK Conditions - Sensible Cooling Capacity	kW	6.67	8.86	6.67	6.67	8.86	
UK Conditions - Heating Capacity	kW	9.31	12.29	9.31	9.31	12.29	
Model	Outdoor Unit	RAV	SP1104AT-E	SP1404AT-E	SP1104AT-E	SP1104AT-E	SP1404AT-E
	Indoor Unit	RAV	2 x 4-way cassette SM562BT-E	SM802BT-E	2 x compact SM802BT-E	2 x ceiling unit SM564SDT-E	SM562KRT-E
System Data	Cooling Capacity (Range)	kW	10 [3-12]	12.5 [3-14]	10 [3-11.2]	10 [3-12]	12.3 [3-13.5]
	Heating Capacity (Range)	kW	11.2 [3-13]	14 [3-16.5]	11.2 [3-12.5]	11.2 [3-13]	14 [3-16.5]
	Power Input, Cooling/Heating	kW	2.5/2.55	3.9/3.6	2.50/2.55	2.50/2.55	4.0/3.85
	COP	W/W	4.39	3.89	4.39	4.39	3.64
	EER	W/W	4	3.21	4	4.17	3.08
	Annual Power Consumption, Cooling	kWh	1250	1950	1250	1200	1950
	Energy Label, Cooling / Heating	A/A	A/A	A/A	A/A	A/A	B/A
	UK Conditions - Cooling Capacity	kW	10.87	13.59	10.87	10.87	13.59
UK Conditions - Sensible Cooling Capacity	kW	6.67	8.86	6.67	6.67	8.86	
UK Conditions - Heating Capacity	kW	9.31	12.29	9.31	9.31	12.29	
Outdoor Unit				SP1104AT-E	SP1404AT-E		
	Airflow	l/s (m3/h)	2083 (7500)			2083 (7500)	
Sound Pressure Level (cooling/heating)	dB(A)	49/51			49/51		
Pipe Connections, Gas - Liquid	in	5/8 - 3/8			5/8 - 3/8		
Pipe Length, Maximum/Minimum	m	50			50		
Maximum Operating Current	A	11.24			16.51		
Base charge refrigerant level	Kg	3.1			3.1		
Suggested Fuse Size	A	20			20		

All data is based on Toshiba Nominal Conditions as described in the back of our standard price list.

Super Digital Inverter Twin-Split Heat Pump

TOSHIBA AIRCONDITIONING

Advancing the **eco**-evolution

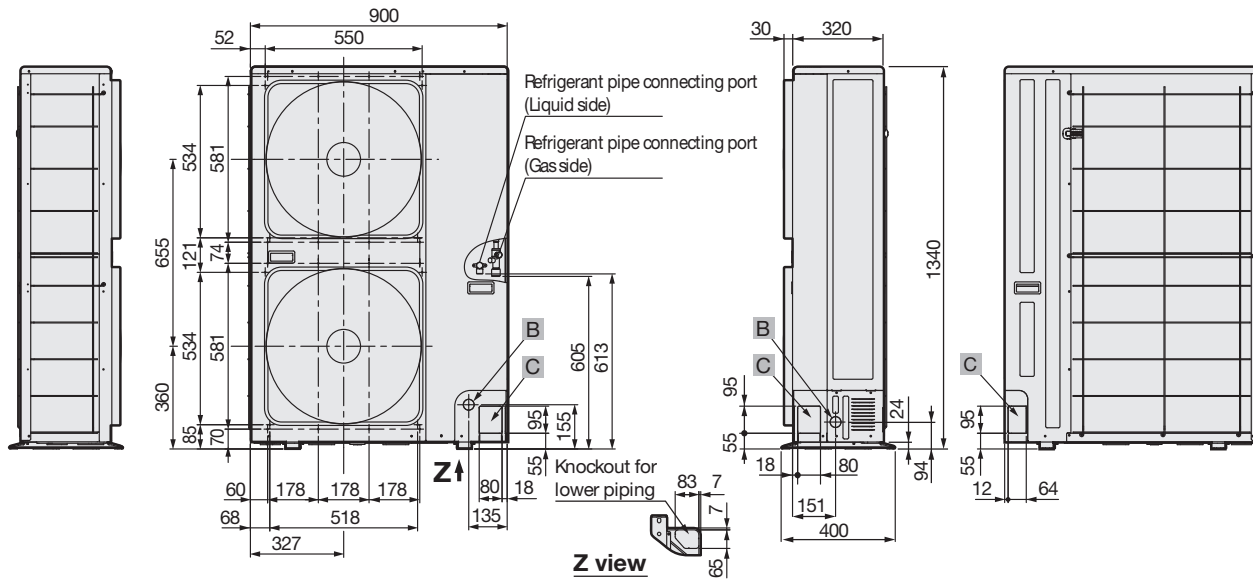




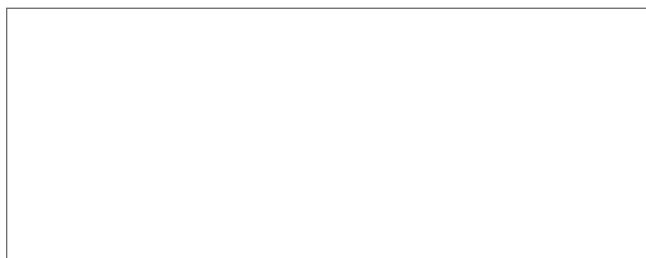
## INDOOR UNITS

See individual product sheets for Super Digital Inverter indoor units

## OUTDOOR UNITS



RAV-SP1104AT-E and RAV-SP1404AT-E



Digital Inverter Ceiling Suspended Heat Pump

