



4-way cassette (UT-E)

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)
- Indoor units are in the same room, operate simultaneously and have a single controller
- Twin-operation is possible with all light-commercial indoor units (except XT)

The 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.



Ceiling Unit (CT-E)

High-Wall (AT-E)

Compact Cassette (MUT-E)

Ducted Unit (BT-E)

Slim Ducted Unit (DT-E)

Model	Outdoor Unit	RAV	SM1103AT-E	SM1403AT-E	SM1603AT-E	SM1103AT-E	SM1103AT-E	SM1403AT-E	SM1603AT-E
	Indoor Unit	RAV	2 x 4-way cassette SM564UT-E	SM804UT-E	2 x compact SM804UT-E	2 x ceiling unit SM562MUT-E	SM562CT-E	SM802CT-E	SM802CT-E
System Data	Cooling Capacity (Range)	kW	10.0 (3-11.2)	12.5 (3-13.2)	14.0 (3.0-16.0)	10.0 (3-11.2)	10 (3-11.2)	12.3 (3-13.2)	14.0 (3.0-16.0)
	Heating Capacity (Range)	kW	11.2 (3-13)	14 (3-16)	16.0 (3.0-18.0)	11.2 (3-12.5)	11.2 (3-12.5)	14 (3-16)	16.0 (3.0-18.0)
	Power Input, Cooling/Heating	kW	3.52/3.14	4.09/4.0	4.49/4.43	3.51/3.20	3.51/3.20	4.52/4.14	4.99/4.69
	COP	W/W	3.57	3.5	3.61	3.5	3.5	3.38	3.41
	EER	W/W	2.84	3.06	3.12	2.85	2.85	2.72	2.81
	Annual Power Consumption, Cooling	kWh	1760	2045	2245	1755	1755	2260	2495
	Energy Label, Cooling / Heating	C/B		B/B	B/A	C/B	C/B	D/C	C/B
	UK Conditions - Cooling Capacity	kW	10.87	12.81	15.33	10.87	10.87	12.81	15.33
UK Conditions - Sensible Cooling Capacity	kW	6.67	8.35	11.1	6.67	6.67	8.35	11.1	
UK Conditions - Heating Capacity	kW	9.68	11.92	13.64	9.68	9.68	11.92	13.64	
Model	Outdoor Unit	RAV	SM1103AT-E	SM1403AT-E	SM1603AT-E	SM1103AT-E	SM1103AT-E	SM1403AT-E	SM1603AT-E
	Indoor Unit	RAV	2 x ducted unit SM562BT-E	SM802BT-E	SM802BT-E	2 x slim duct SM564SDT-E	2 x high-wall unit SM562KRT-E	SM802KRT-E	SM802KRT-E
System Data	Cooling Capacity (Range)	kW	10.0 (3-11.2)	12.5 (3-13.2)	14.0 (3.0-15.0)	10.0 (3-11.2)	10 (3-11.2)	12.0 (3-13)	14.0 (3.0-16.0)
	Heating Capacity (Range)	kW	11.2 (3-12.5)	14 (3-16)	16.0 (3.0-18.0)	11.2 (3-12.5)	11.2 (3-12.5)	14 (3-16)	16.0 (3.0-18.0)
	Power Input, Cooling/Heating	kW	3.56/3.14	4.42/4.03	5.12/4.69	3.48/3.14	3.48/3.14	4.52/4.24	5.10/4.98
	COP	W/W	3.57	3.47	3.41	3.57	3.57	3.3	3.21
	EER	W/W	2.81	2.83	2.73	2.87	2.87	2.65	2.75
	Annual Power Consumption, Cooling	kWh	1760	2210	2560	1740	1740	2260	2550
	Energy Label, Cooling / Heating	C/B		C/B	D/B	B/B	C/B	D/C	D/B
	UK Conditions - Cooling Capacity	kW	10.87	12.81	15.33	10.87	10.87	12.81	15.33
UK Conditions - Sensible Cooling Capacity	kW	6.67	8.35	11.1	6.67	6.67	8.35	11.1	
UK Conditions - Heating Capacity	kW	9.68	11.92	13.64	9.68	9.68	11.92	13.64	
Outdoor Unit				SM1103AT-E				SM1403AT-E	SM1603AT-E
	Airflow	l/s (m ³ /h)	1250 (4500)			1250 (4500)			1717 (6180)
Sound Pressure Level (cooling/heating)	dB(A)	53/54			53/54			51/53	
Pipe Connections, Gas - Liquid	in	5/8 - 3/8			5/8 - 3/8			5/8 - 3/8	
Pipe Length, Maximum/Minimum	m	50			50			50	
Maximum Operating Current	A	15			17.6			23.9	
Base charge refrigerant level	Kg	2.8			2.8			3.1	
Suggested Fuse Size	A	20			20			25	

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

Digital Inverter Twin-Split Heat Pump

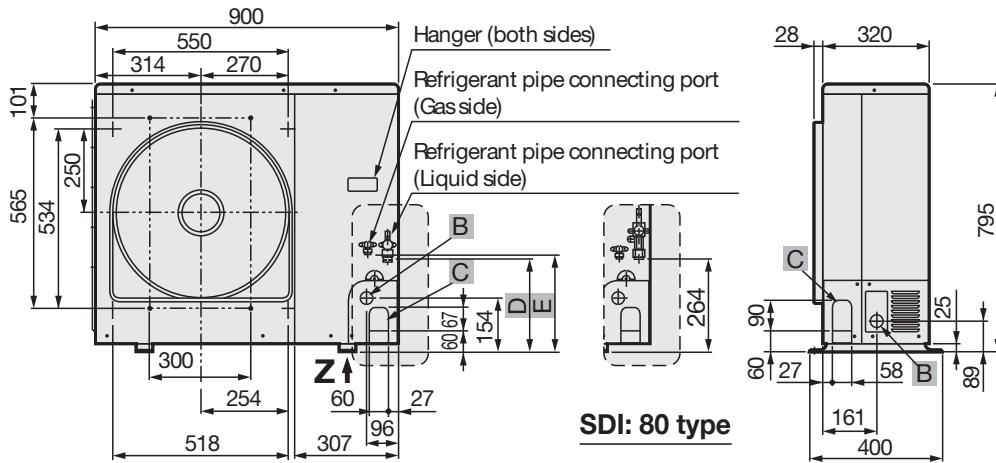




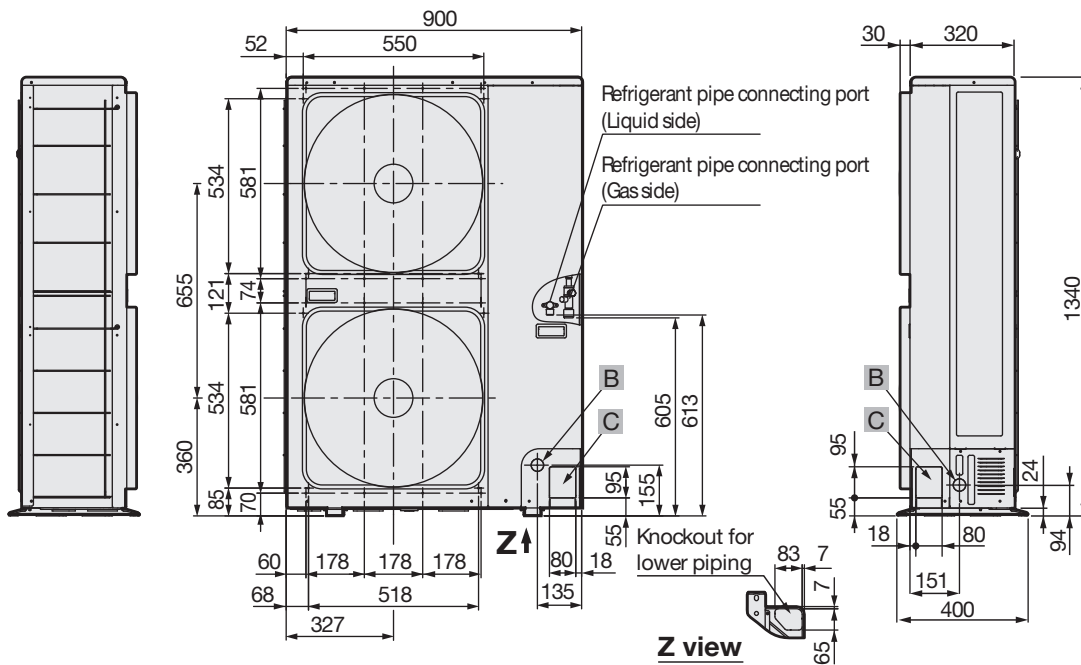
INDOOR UNITS

See individual product sheets for Digital Inverter indoor units

OUTDOOR UNITS



RAV-SM1103AT-E and RAV-SM1403AT-E



RAV-SM1603AT-E

