



# SDI – DI – Big DI

## TWIN +



Toshiba's RAV range allows the connection of up to 4 indoor units, allowing a single system to satisfy the cooling and heating requirements of a much larger area.

### Comfort

- Precise air flow control, accurately controls the distribution of the air regardless of the room size.

### Adaptability

- Twin, triple or double twin configuration.
- Compatible with every type of LC indoor units: 4-way cassette, duct, high-wall and ceiling.

### Control

- One user-friendly controller for all the indoor units to simplify the control.

**R410A**  
with TOSHIBA



SCOP MAX



4.79

CAPACITY



7.1kW > 27kW

OPERATION



-27°C > +52°C

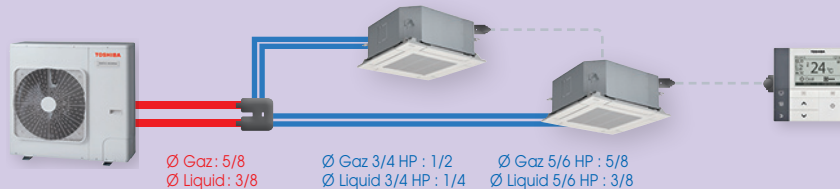
Toshiba RAV simplistic piping design allows multiple units to be connected via a simple branching methodology.



### TWIN SYSTEM - 2 indoor units connected

#### Outdoor unit

Digital Inverter 4/5/6 HP  
or  
Super Digital Inverter 3/4/5/6 HP



#### Remote

RBC-AMS55E-ES

Total length < 50 m

Max pipe length < 15 m

Height difference < 30 m

Ø Gaz : 5/8  
Ø Liquid : 3/8

Ø Gaz 3/4 HP : 1/2  
Ø Liquid 3/4 HP : 1/4

Ø Gaz 5/6 HP : 5/8  
Ø Liquid 5/6 HP : 3/8

### TRIPLE SYSTEM - 3 indoor units connected

#### Outdoor unit

Digital Inverter 6 HP  
Super Digital Inverter 6 HP  
or  
BIG Digital Inverter 8/10 HP



#### Remote

RBC-AMS55E-ES

Total length SDI-DI < 15 , Big DI < 20

Max pipe length < 30 m

Height difference SDI-DI < 50, Big DI < 70

Ø Gaz DI/SDI : 5/8  
Ø Liquid DI/SDI : 3/8

Ø Gaz Big DI : 1" 1/8  
Ø Liquid Big DI : 1/2

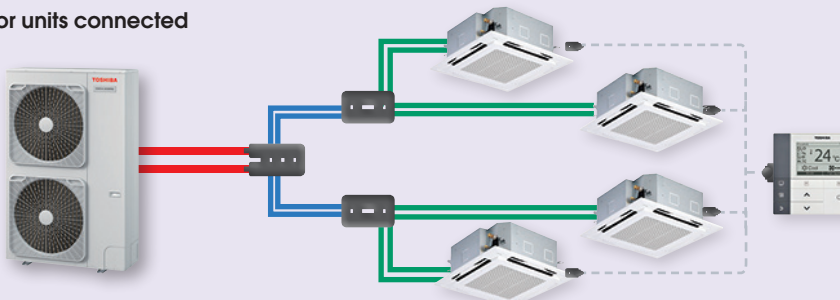
Ø Gaz DI/SDI : 1/2  
Ø Liquid DI/SDI : 1/4

Ø Gaz Big DI : 5/8  
Ø Liquid Big DI : 3/8

### W-TWIN SYSTEM - 4 indoor units connected

#### Outdoor unit

Big Digital Inverter 8/10 HP



#### Remote

RBC-AMS55E-ES

Total length < 70 m

Max pipe length < 15 m

Height difference < 30 m

Ø Gaz : 1" 1/8  
Ø Liquid : 1/2

Ø Gaz : 5/8  
Ø Liquid : 3/8

Ø Gaz 8 HP : 1/2  
Ø Liquid 8 HP : 1/4

Ø Gaz 10 HP : 5/8  
Ø Liquid 10 HP : 3/8

# TWIN SPLIT SDI

## Cooling & heating

Indoor unit model	Outdoor unit RAV-	Indoor unit RAV-	HP	Cooling capacity			Heating capacity			EER	SEER	COP	SCOP	Energy class
				min.	nominal	max	min.	nominal	max					
4-way cassette	SP1104AT-E1	RM561UTP-E	4	12.0	2.6	2.21	13.0	2.4	2.34	4.52	6.60	4.79	4.28	A++/A+
	SP1104AT8-E1	RM561UTP-E	4	12.0	2.6	2.37	15.6	2.4	2.42	4.22	6.57	4.63	4.28	A++/A+
	SP1404AT-E1	RM801UTP-E	5	14.0	2.6	3.16	16.5	2.4	3.21	3.96	6.96	4.36	4.22	-/-
	SP1404AT8-E1	RM801UTP-E	5	14.0	2.6	3.46	18.0	2.4	3.42	3.61	6.87	4.09	4.30	-/-
	SP1604AT8-E1	RM801UTP-E	6	16.0	2.6	4.49	19.0	2.4	4.30	3.12	6.70	3.72	4.24	-/-
Compact 4-way cassette	SP804ATP-E	RM401MUT-E	3	8.0	1.9	1.94	10.6	1.3	2.09	3.66	6.13	3.83	4.21	A++/A+
	SP1104AT-E1	RM561MUT-E	4	12.0	2.6	2.66	13.0	2.4	3.01	3.76	6.14	3.72	3.95	A++/A
	SP1104AT8-E1	RM561MUT-E	4	12.0	2.6	2.66	14.0	2.4	3.01	3.76	6.10	3.72	3.93	A++/A
Ducted	SP804ATP-E	RM401BTP-E	3	8.0	1.9	2.06	10.6	1.3	2.21	3.45	5.88	3.62	4.00	A++/A+
	SP1104AT-E1	RM561BTP-E	4	12.0	2.6	2.64	13.0	2.4	2.77	3.79	5.65	4.04	3.87	A+/A
	SP1104AT8-E1	RM561BTP-E	4	12.0	2.6	2.64	15.6	2.4	2.77	3.79	5.65	4.04	3.87	A+/A
	SP1404AT-E1	RM801BTP-E	5	14.0	2.6	3.83	16.5	2.4	3.67	3.26	5.55	3.81	3.84	-/-
	SP1404AT8-E1	RM801BTP-E	5	14.0	2.6	3.86	18.0	2.4	3.67	3.24	5.49	3.81	3.96	-/-
Slim duct	SP1604AT8-E1	RM801BTP-E	6	16.0	2.6	4.65	19.0	2.4	4.60	3.01	5.45	3.48	3.94	-/-
	SP804ATP-E	RM401SDT-E	3	8.0	1.9	2.21	10.6	1.3	2.16	3.21	5.38	3.70	3.88	A/A
	SP1104AT-E1	RM561SDT-E	4	12.0	2.6	2.77	13.0	2.4	2.67	3.61	5.6	4.19	3.84	A+/A
	SP1104AT8-E1	RM561SDT-E	4	12.0	2.6	2.79	14.0	2.4	2.67	3.58	5.55	4.19	3.84	A/A
	SP1104AT-E1	RM561CTP-E	4	12.0	2.6	2.45	13.0	2.4	2.39	4.08	6.18	4.69	4.27	A++/A+
Ceiling	SP1104AT8-E1	RM561CTP-E	4	12.0	2.6	2.37	14.0	2.4	2.53	4.22	6.35	4.43	4.41	A++/A+
	SP1404AT-E1	RM801CTP-E	5	14.0	2.6	3.9	16.5	2.4	3.62	3.21	6.11	3.87	4.2	-/-
	SP1404AT8-E1	RM801CTP-E	5	14.0	2.6	3.72	18.0	2.4	3.56	3.36	6.04	3.93	4.19	-/-
	SP1604AT8-E1	RM801CTP-E	6	16.0	2.6	4.5	19.0	2.4	4.31	3.11	5.97	3.71	4.18	-/-
High-wall	SP1104AT-E1	SM566KRT-E	4	12.0	2.6	2.77	13.0	2.4	2.80	3.61	5.6	4.00	3.87	A+/A
	SP1104AT8-E1	SM566KRT-E	4	12.0	2.6	2.92	14.0	2.4	2.85	3.42	5.51	3.93	3.87	A/A
	SP1404AT-E1	SM806KRT-E	5	13.5	2.6	3.88	16.5	2.4	3.83	3.17	6.19	3.66	4.06	-/-
	SP1404AT8-E1	SM806KRT-E	5	13.5	2.6	4.00	18.0	2.4	3.88	3.08	6.12	3.61	4.09	-/-
SP1604AT8-E1	SM806KRT-E	6	16.0	2.6	5.10	19.0	2.4	4.88	2.75	6.06	3.28	4.07	-/-	

LIGHT COMMERCIAL

# TRIPLE SPLIT SDI



## Cooling & heating

Indoor unit model	Outdoor unit RAV-	Indoor unit RAV-	HP	Cooling capacity			Heating capacity			EER	SEER	COP	SCOP	Energy class
				min.	nominal	max	min.	nominal	max					
4-way cassette	SP1604AT8-E1	RM561UTP-E	6	2.6	14.0	16.0	2.4	16.0	19.0	3.12	6.65	3.72	4.24	-
Compact 4-way cassette	SP1604AT8-E1	RM561MUT-E	6	2.6	14.0	16.0	2.4	16.0	19.0	2.82	6.03	3.49	4.13	-
Ducted	SP1604AT8-E1	RM561BTP-E	6	2.6	14.0	16.0	2.4	16.0	19.0	3.01	5.38	3.48	3.94	-
Slim duct	SP1604AT8-E1	RM561SDT-E	6	2.6	14.0	16.0	2.4	16.0	19.0	2.81	5.92	3.48	4.07	-
Ceiling	SP1604AT8-E1	RM561CTP-E	6	2.6	14.0	16.0	2.4	16.0	19.0	3.11	4.99	3.71	3.95	-
High-wall	SP1604AT8-E1	SM566KRT-E	6	2.6	14.0	16.0	2.4	16.0	19.0	2.75	6.03	3.28	4.07	-

# TWIN SPLIT DI



## Cooling & heating

Indoor unit model	Outdoor unit RAV-	Indoor unit RAV-	HP	Cooling capacity		Heating capacity		EER	SEER	COP	SCOP	Energy class
				min. - nominal - max	kW	min. - nominal - max	kW					
4-way cassette	SM1104ATP-E	RM561UTP-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 13.0		3.31	5.72	3.82	4.28	A+/A+
	SM1104AT8P-E	RM561UTP-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 13.0		3.31	5.72	3.82	4.28	A+/A+
	SM1404ATP-E	RM801UTP-E	5	3.0 - 12.0 - 13.2		3.0 - 12.8 - 16.0		2.80	5.25	3.76	4.19	A/A+
	SM1404AT8P-E	RM801UTP-E	5	3.0 - 12.0 - 13.2		3.0 - 12.8 - 16.0		2.80	5.25	3.76	4.19	A/A+
	SM1603AT-E1	RM801UTP-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		3.12	5.28	3.61	4.05	-/-
Compact 4-way cassette	SM1104ATP-E	RM561MUT-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 13.0		3.17	5.51	3.26	4.00	A/A+
	SM1104AT8P-E	RM561MUT-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 13.0						/
Ducted	SM1104ATP-E	RM561BTP-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 12.5		3.18	5.1	3.75	4.14	A/A+
	SM1104AT8P-E	RM561BTP-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 12.5		3.18	5.1	3.75	4.14	A/A+
	SM1404ATP-E	RM801BTP-E	5	3.0 - 12.1 - 13.2		3.0 - 12.8 - 16.0		2.74	4.94	3.61	3.95	-/-
	SM1404AT8P-E	RM801BTP-E	5	3.0 - 12.1 - 13.2		3.0 - 12.8 - 16.0		2.74	5.03	3.61	3.95	-/-
	SM1603AT-E1	RM801BTP-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		2.73	4.70	3.41	3.74	-/-
Slim duct	SM1104ATP-E	RM561SDT-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 12.5		3.14	5.09	3.75	4.16	B/A+
	SM1104AT8P-E	RM561SDT-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 12.5		3.14	5.09	3.75	4.16	B/A+
Ceiling	SM1104ATP-E	RM561CTP-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 12.5		3.22	5.7	3.81	4.27	A+/A+
	SM1104AT8P-E	RM561CTP-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 12.5		3.22	5.7	3.81	4.27	A+/A+
	SM1404ATP-E	RM801CTP-E	5	3.0 - 12.1 - 13.2		3.0 - 12.8 - 16.0		2.74	5.12	3.73	4.20	-/-
	SM1404AT8P-E	RM801CTP-E	5	3.0 - 12.1 - 13.2		3.0 - 12.8 - 16.0		2.74	5.13	3.73	4.20	-/-
	SM1603AT-E1	RM801CTP-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		3.01	4.95	3.47	3.95	-/-
High-wall	SM1104ATP-E	SM566KRT-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 12.5		3.19	5.13	3.75	4.18	A/A+
	SM1104AT8P-E	SM566KRT-E	4	3.0 - 10.0 - 11.2		3.0 - 11.2 - 12.5		3.19	5.13	3.75	4.18	A/A+
	SM1404ATP-E	SM806KRT-E	5	3.0 - 12.1 - 13.0		3.0 - 12.8 - 16.0		2.57	5.11	3.37	4.05	-/-
	SM1404AT8P-E	SM806KRT-E	5	3.0 - 12.1 - 13.0		3.0 - 12.8 - 16.0		2.57	5.12	3.37	4.03	-/-
	SM1603AT-E1	SM806KRT-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		2.75	5.00	3.21	3.9	-/-

# TRIPLE SPLIT DI



## Cooling

Indoor unit model	Outdoor unit RAV-	Indoor unit RAV-	HP	Cooling capacity		Heating capacity		EER	SEER	COP	SCOP	Energy class
				min. - nominal - max	kW	min. - nominal - max	kW					
4-way cassette	SM1603AT-E1	RM561UTP-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		3.12		3.61		-
Compact 4-way cassette	SM1603AT-E1	RM561MUT-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		4.92		3.98		-
Ducted	SM1603AT-E1	RM561BTP-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		2.73		3.41		-
Slim duct	SM1603AT-E1	RM561SDT-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		2.81		3.41		-
Ceiling	SM1603AT-E1	RM561CTP-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		3.01		3.47		-
High-wall	SM1603AT-E1	SM566KRT-E	6	3.0 - 14.0 - 16.0		3.0 - 16.0 - 18.0		2.75		3.21		-

# TWIN SPLIT BIG DI



## Cooling & heating

Indoor unit model	Outdoor unit RAV-	Indoor unit RAV-	HP	Cooling capacity	Heating capacity	EER	SEER	COP	SCOP	Energy class
				min. - nominal - max kW	min. - nominal - max kW					
4-way cassette	SM2246AT8-E	RM1101UTP-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.60	6.78	4.10	4.05	-
	SM2806AT8-E	RM1401UTP-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	3.00	6.33	3.67	3.90	-
Ducted	SM2246AT8-E	RM1101BTP-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.24	5.23	3.90	3.72	-
	SM2806AT8-E	RM1401BTP-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	2.65	5.10	3.50	3.64	-
Ceiling	SM2246AT8-E	RM1101CTP-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.24	5.89	3.80	3.79	-
	SM2806AT8-E	RM1401CTP-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	3.24	5.26	3.45	3.65	-

# TRIPLE SPLIT BIG DI



## Cooling & heating

Indoor unit model	Outdoor unit RAV-	Indoor unit RAV-	HP	Cooling capacity	Heating capacity	EER	SEER	COP	SCOP	Energy class
				min. - nominal - max kW	min. - nominal - max kW					
4-way cassette	SM2246AT8-E	RM801UTP-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.60	6.82	4.10	4.05	-
	SM2806AT8-E	RM801UTP-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	3.00	6.36	3.67	3.91	-
Ducted	SM2246AT8-E	RM801BTP-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.24	5.44	3.24	3.73	-
	SM2806AT8-E	RM801BTP-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	2.65	5.28	2.65	3.65	-
Ceiling	SM2246AT8-E	RM801CTP-E	8	4.6 - 20.0 - 25.0	4.6 - 22.4 - 25.0	3.24	5.81	3.80	3.79	-
	SM2806AT8-E	RM801CTP-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	2.62	5.26	3.45	3.66	-
Ceiling	SM2246AT8-E	SM806KRT-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.00	5.80	3.55	3.76	-
	SM2806AT8-E	SM806KRT-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	2.55	5.41	3.41	3.63	-

&gt; LIGHT COMMERCIAL

# DOUBLE TWIN SPLIT BIG DI



## Cooling & heating

Indoor unit model	Outdoor unit RAV-	Indoor unit RAV-	HP	Cooling capacity	Heating capacity	EER	SEER	COP	SCOP	Energy class
				min. - nominal - max kW	min. - nominal - max kW					
4-way cassette	SM2246AT8-E	RM561UTP-E	8	9.8 - 20.0 - 22.4	9.8 - 20.0 - 22.4	3.21	6.82	3.85	4.05	-
	SM2806AT8-E	RM801UTP-E	10	9.8 - 23.0 - 27.0	9.8 - 27.0 - 31.5	2.81	6.28	3.61	3.90	-
Compact 4-way cassette	SM2246AT8-E	RM561MUT-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.15	6.24	3.55	4.03	-
Ducted	SM2246AT8-E	RM561BTP-E	8	4.6 - 20.0 - 25.0	4.6 - 22.4 - 25.0	3.24	5.39	3.90	3.73	-
	SM2806AT8-E	RM801BTP-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	2.65	5.22	3.50	3.65	-
Slim duct	SM2246AT8-E	RM561SDT-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.00	5.65	3.55	3.86	-
	SM2246AT8-E	RM561CTP-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.24	5.90	3.80	3.79	-
Ceiling	SM2806AT8-E	RM801CTP-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	2.62	5.16	3.45	3.65	-
	SM2246AT8-E	SM566KRT-E	8	4.6 - 20.0 - 22.4	4.6 - 22.4 - 25.0	3.60	5.82	4.10	3.76	-
High-wall	SM2806AT8-E	SM806KRT-E	10	4.6 - 23.5 - 27.0	4.6 - 27.0 - 31.5	2.55	5.33	3.41	3.62	-