



R-410A HEAT PUMPS

DIGITAL/SUPER DIGITAL
INVERTER

COMPACT DIMENSIONS

Fits standard 600 x 600 mm
grid ceiling

Easy installation and
maintenance

Slim and unobtrusive
design

New louvre design

Compact four-way cassette SDI/DI

Features

This four-way cassette has been designed to suit all standard 600 × 600 mm grid ceilings, to allow simple and easy installation and maintenance.

Its compact design blends with any room interior, where appearance is as important as functionality and ease of installation.

Draught prevention and clean ceiling functions make this unit ideal for the most demanding applications.

When combined with the Super Digital Inverter outdoor unit, the highest energy label (A) is achieved.

A very effective product for any challenging refurbishment installation.

Key features

Slim-line dimensions: this cassette is suitable for the most demanding installations where ceiling height restrictions apply.

All capacity sizes have the same dimensions: so the installation always looks smarter.

Easy maintenance: ease of access to the corner pockets facilitates installation and adjustment for perfect ceiling fitting.

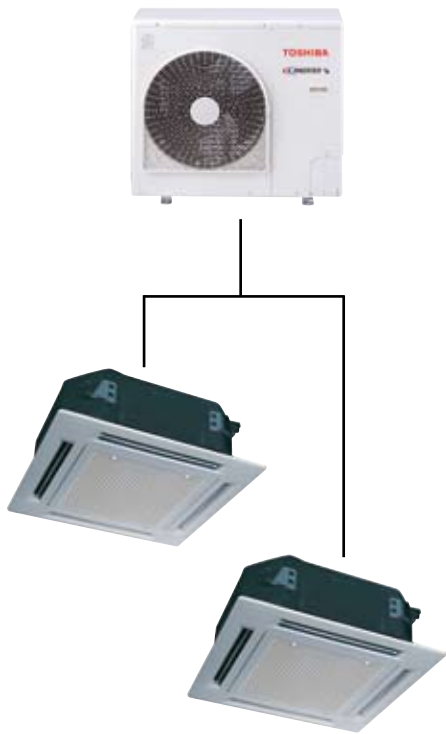
With a depth of only 30 mm, the unit is unobtrusive in all applications.

TCC Link control panel makes control of the system flexible and simplifies maintenance.

Super Digital Inverter (series 2) and Digital Inverter (series 3) – Technical specifications heat pump

Outdoor unit		RAV-SP562AT-E (SDI)	RAV-SM562AT-E (DI)
Indoor unit (600 × 600 cassette)		RAV-SM562MUT-E	RAV-SM562MUT-E
Cooling capacity	kW	5.0	5.0
EER	W/W	3.46	3.25
Energy efficiency class, cooling		A	A
Heating capacity	kW	5.6	5.6
COP	W/W	4.67	3.90
Energy efficiency class, heating		A	A

R-410A TWIN-SPLIT
DIGITAL/SUPER DIGITAL
INVERTER



Twin-Split SDI/DI

Features

The 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 large zone.

One of the units is designated the master unit and it measures the temperature for both indoor units.

These should be installed in the same room, operate simultaneously and share a single controller.

Key features

Twin operation is possible with all light commercial indoor units.

Precise capacity control at all conditions.

Ideal for large shops, open-plan offices and other similar applications.

User-friendly controls.

Compact outdoor unit for easy installation.

Twinning requires a connection kit that includes an electromagnetic noise suppressor and pipe joint.

Super Digital Inverter (series 4) – Technical specifications heat pump - twin system

Outdoor unit	RAV-	SP1104AT-E	SP1404AT-E	SP1104AT-E	SP1104AT-E	SP1404AT-E	SP1104AT-E	SP1404AT-E	SP1104AT-E	SP1404AT-E
Indoor unit	RAV-	SM564UT-E	SM804UT-E	SM562MUT-E	SM562BT-E	SM802BT-E	SM562CT-E	SM802CT-E	SM562KRT-E	SM802KRT-E
	Indoor unit model	4-way cassette		Compact 4-way cassette	Ducted		Ceiling		High-wall	
Cooling capacity	kW	10	12,5	10	10	12,5	10	12,5	10	12,3
Cooling capacity (min. – max.)	kW	2,6 – 12,0	2,6 – 14,0	2,6 – 12,0	2,6 – 12,0	2,6 – 14,0	2,6 – 12,0	2,6 – 14,0	2,6 – 12,0	2,6 – 13,5
Power input, cooling	kW	2,21	3,16	2,67	2,94	3,83	2,67	3,73	2,77	3,88
EER	W/W	4,52	3,96	3,75	3,4	3,26	3,75	3,35	3,61	3,17
Energy efficiency class, cooling		A	-	A	A	-	A	-	A	-
Annual energy consumption	kWh	1105	-	1580	1470	-	1335	-	1385	-
Heating capacity	kW	11,2	14	11,2	11,2	14	11,2	14	11,2	14
Heating range (min. – max.)	kW	2,4 – 13,0	2,4 – 16,5	2,4 – 13,0	2,4 – 13,0	2,4 – 16,5	2,4 – 13,0	2,4 – 16,5	2,4 – 13,0	2,4 – 16,5
Power input, heating	kW	2,34	3,21	2,67	2,77	3,41	2,62	3,65	2,8	3,83
COP	W/W	4,79	4,36	4,19	4,04	4,11	4,27	3,84	4	3,66
Energy efficiency class, heating		A	-	A	A	-	A	-	A	-

Digital Inverter (series 3) – Technical specifications heat pump - twin system

Outdoor unit		SM1103AT-E	SM1403AT-E	SM1103AT-E	SM1103AT-E	SM1403AT-E	SM1103AT-E	SM1403AT-E	SM1103AT-E	SM1403AT-E
Indoor unit		SM564UT-E	SM804UT-E	SM562MUT-E	SM562BT-E	SM802BT-E	SM562CT-E	SM802CT-E	SM562KRT-E	SM802KRT-E
	Indoor unit model	4-way cassette		Compact 4-way cassette	Ducted		Ceiling		High-wall	
Cooling capacity	kW	10	12	10	10	12,5	10	12,3	10	12
Cooling capacity (min. – max.)	kW	3,0 – 11,2	3,0 – 13,2	3,0-11,2	3,0 – 11,2	3,0 – 13,2	3,0 – 11,2	3,0 – 13,2	3,0 – 11,2	3,0 – 13,0
Power input, cooling	kW	3,11	3,74	3,52	3,56	4,42	3,51	4,52	3,48	4,52
EER	W/W	3,22	3,21	2,843	2,81	2,83	2,85	2,72	2,87	2,65
Energy efficiency class, cooling		A	A	C	C	-	C	-	C	D
Annual energy consumption	kWh	1555	1870	1760	1780	-	1755	-	1740	2260
Heating capacity	kW	11,2	14	11,2	11,2	14	11,2	14	11,2	14
Heating range (min. – max.)	kW	3,0 – 13,0	3,0 – 16,0	3,0-13,0	3,0 – 12,5	3,0 – 16,0	3,0 – 12,5	3,0 – 16,0	3,0 – 12,5	3,0 – 16,0
Power input, heating	kW	2,93	3,8	3,14	3,14	4,03	3,2	4,14	3,14	4,24
COP	W/W	3,82	3,68	3,57	3,57	3,47	3,5	3,38	3,57	3,3
Energy efficiency class, heating		A	A	B	B	-	B	-	B	C