



R-410A HEAT PUMPS

DIGITAL/SUPER DIGITAL
INVERTER

CEILING-SUSPENDED UNITS

Low sound levels

Slim-line design

Automatic louvre control
plus auto-swing

Ceiling SDI/DI

Features

The SDI and DI ceiling-suspended units meet a wide range of needs, and are the ideal solution for offices, classrooms and restaurants.

Automatic louvre control and low noise level are the key characteristics of this state-of-the-art unit.

In addition, the drain pan inside the unit is mould-proof for maximum hygiene and easily recyclable thanks to its stain-resistant polypropylene resin body.

Key features

Low noise level: the unit operates at only 30 dB(A) (for 2 HP) – half of conventional units, thanks to its new design.

Optimum louvre control: the air flow angle is automatically set to the most suitable setting according to your cooling or heating needs, and an automatic swing mode enables air flow to reach all areas of the room.

Installation efficiency: with the fully re-designed ceiling-mounted system, the unit can be suspended simply by adjusting two screws on the intake grille (compared to a dozen screws for conventional models).

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

Outdoor unit		RAV-SP1104AT-E	RAV-SP1404AT-E
Indoor unit (ceiling)		RAV-SM1102CT-E	RAV-SM1402CT-E
Cooling capacity	kW	10	12.5
EER	W/W	3.75	3.35
Energy efficiency class, cooling		A	A
Heating capacity	kW	11.2	14.0
COP	W/W	4.27	3.84
Energy efficiency class, heating		A	A

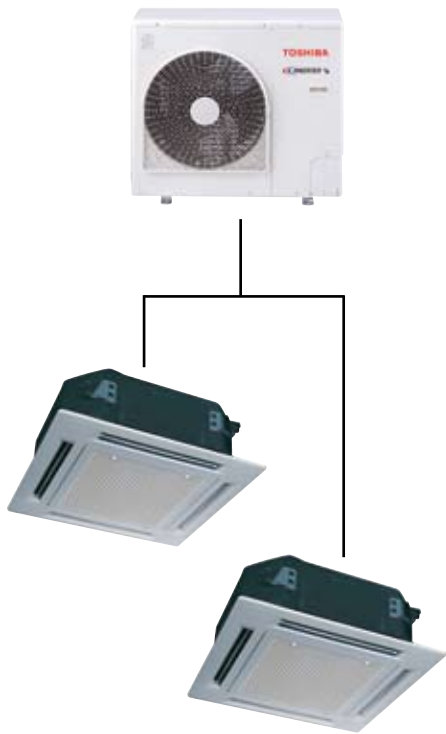
Super Digital Inverter (series 2) – Technical specifications heat pump

Outdoor unit		RAV-SP562AT-E	RAV-SP802AT-E
Indoor unit (ceiling)		RAV-SM562CT-E	RAV-SM802CT-E
Cooling capacity	kW	5.0	7.1
EER	W/W	3.55	3.38
Energy efficiency class, cooling		A	A
Heating capacity	kW	5.6	8.0
COP	W/W	3.73	3.64
Energy efficiency class, heating		A	A

Digital Inverter (series 3) – Technical specifications heat pump

Outdoor unit		RAV-SM563AT-E	RAV-SM803AT-E	RAV-SM1103AT-E	RAV-SM1403AT-E
Indoor unit (ceiling)		RAV-SM562CT-E	RAV-SM802CT-E	RAV-SM1102CT-E	RAV-SM1402CT-E
Cooling capacity	kW	5.0	7.0	10.0	12.3
EER	W/W	2.75	2.77	2.85	2.72
Energy efficiency class, cooling		D	D	C	D
Heating capacity	kW	5.6	8.0	11.2	14.0
COP	W/W	3.41	3.24	3.50	3.38
Energy efficiency class, heating		B	C	B	C

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