



R-410A HEAT PUMPS

DIGITAL/SUPER DIGITAL
INVERTER

DISCREET DUCTED UNITS

Infra-red control option

Discharge spigots as
standardHigh static pressure up to
98 Pa

Ducted SDI/DI

Features

Whatever the shape of the room, ducted units ensure uniform temperatures throughout.

Cool or warm air is ducted into the room through diffusers, discreetly positioned in the walls or ceiling.

These units are ideal for hotels, banks and similar applications, where very low sound levels are needed.

Key features

Wide range of applications: the use of ducts ensures flexible installations.

Improved room aesthetics: with its unobtrusive presence.

High static pressure: 98 Pa can be achieved and all the areas of the room can have the same temperature simultaneously.

High-lift drain pump kit: raises drain up to 290 mm for flexible condensate piping layout.

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

Outdoor unit		RAV-SP1104AT-E	RAV-SP1404AT-E
Indoor unit (ducted)		RAV-SM1102BT-E	RAV-SM1402BT-E
Cooling capacity	kW	10	12.5
EER	W/W	3.4	3.26
Energy efficiency class, cooling		A	A
Heating capacity	kW	11.2	14
COP	W/W	4.04	4.11
Energy efficiency class, heating		A	A

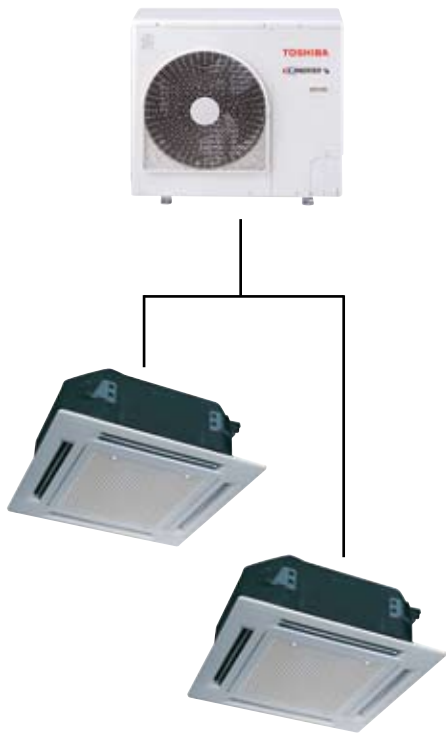
Super Digital Inverter (series 2) – Technical specifications heat pump

Outdoor unit		RAV-SP562AT-E	RAV-SP802AT-E
Indoor unit (ducted)		RAV-SM562BT-E	RAV-SM802BT-E
Cooling capacity	kW	5.0	7.1
EER	W/W	3.60	3.38
Energy efficiency class, cooling		A	A
Heating capacity	kW	5.6	8.0
COP	W/W	3.61	3.81
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 (ducted)		RAV-SM562BT-E	RAV-SM802BT-E	RAV-SM1102BT-E	RAV-SM1402BT-E
Cooling capacity	kW	5.0	7.1	10.0	12.5
EER	W/W	2.81	2.81	2.81	2.83
Energy efficiency class, cooling		C	C	C	C
Heating capacity	kW	5.6	8.0	11.2	14.0
COP	W/W	3.27	3.32	3.57	3.47
Energy efficiency class, heating		C	C	B	B

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