

RM_BTP STANDARD DUCT



Whatever the shape of the room, this flexible model ensures a uniform temperature and air distribution for optimal end user comfort.

Adaptability

- Up to 120Pa available pressure: thanks to DC fan motor.
- Flexible design, allows the inlet air configuration to be configured between the standard rear inlet design or as an alternative, from the underside of the unit. There is also a provision for a fresh air intake supply via a pre-punched knockout hole.
- Compact and thin chassis, measuring just 275mm in height.

Easy to install

- Built-in high-lift drain pump.
- PC board panel easily accessible from the side of the unit.
- Optional air discharge spigot.



SCOP MAX



4.14

CAPACITY



3.6kW > 16kW

OPERATION



-20°C > +46°C

> Airzone compatibility: multiple individual controlled rooms with only one indoor unit.

compatible with
AIRZONE

R410A
with TOSHIBA



INDOOR UNITS

RAV-SM406BTP-E/TR
RAV-SM456BTP-E/TR
RAV-RM561BTP-E/TR
RAV-RM801BTP-E/TR
RAV-RM1101BTP-E/TR
RAV-RM1401BTP-E/TR
RAV-RM1601BTP-E/TR

SDI



OUTDOOR UNITS

RAV-SP404ATP-E/TR
RAV-SP454ATP-E/TR
RAV-SP564ATP-E/TR
RAV-SP804ATP-E/TR
RAV-SP1104AT(8)-E1/TR1
RAV-SP1404AT(8)-E1/TR1
RAV-SP1604AT8-E1/TR1

DI



RAV-SM564ATP-E/TR
RAV-SM804ATP-E/TR
RAV-SM1104AT(8)P-E/TR
RAV-SM1404AT(8)P-E/TR
RAV-SM1603AT-E1



REMOTE CONTROLS

RBC-AXU31-E
RBC-AMSU51E-ES(EN)
RBC-AMTU31-E
RBC-ASCU11-E

STANDARD DUCT

STANDARD DUCT Performance data with Super Digital Inverter Series 4 1ph

Outdoor unit			RAV-SP404ATP-E/TR	RAV-SP454ATP-E/TR	RAV-SP564ATP-E/TR	RAV-SP804ATP-E/TR	RAV-SP1104AT-E1/TR1	RAV-SP1404AT-E1/TR1
Indoor unit (Standard Duct)			RAV-SM406BTP-E/TR	RAV-SM456BTP-E/TR	RAV-RM561BTP-E/TR	RAV-RM801BTP-E/TR	RAV-RM1101BTP-E/TR	RAV-RM1401BTP-E/TR
Cooling capacity	kW		3.6	4.0	5.0	7.1	10.0	12.5
Cooling range (min. - max.)	kW		1.5 - 4.0	1.5 - 4.5	1.2 - 5.6	1.9 - 8.0	2.6 - 12.0	2.6 - 14.0
Power input (min. - rated - max.)	kW	C	0.36 - 1.06 - 1.49	0.36 - 1.23 - 1.49	0.21 - 1.56 - 2.05	0.30 - 2.06 - 2.88	0.64 - 2.64 - 3.80	0.64 - 3.83 - 4.47
EER			3.40	3.25	3.21	3.45	3.79	3.26
SEER			5.10	5.00	4.88	5.88	5.65	5.39
Energy efficiency class		C	A	B	B	A+	A+	-
Seasonal electricity consumption	kWh/a	C	247	280	359	423	619	-
Heating capacity	kW		4.0	4.5	5.6	8	11.2	14.0
Heating range (min. - max.)	kW		1.5-5.0	1.5-5.6	0.9 - 7.4	1.3 - 10.6	2.4 - 13.0	2.4 - 16.5
Power input (min. - rated - max.)	kW	H	0.36 - 1.04 - 2.20	0.36 - 1.24 - 2.30	0.17 - 1.55 - 2.51	0.27 - 2.21 - 3.50	0.52 - 2.77 - 4.00	0.52 - 3.67 - 4.50
COP	W/W		3.85	3.63	3.61	3.62	4.04	3.81
SCOP			4.02	3.93	4.01	4.00	3.87	3.83
Energy efficiency class		H	A+	A	A+	A+	A	-
Seasonal electricity consumption	kWh/a	H	1533	1675	1884	2448	3906	-

STANDARD DUCT Performance data with Super Digital Inverter Series 4 3ph

Outdoor unit			RAV-SP1104AT8-E1/TR1	RAV-SP1404AT8-E1/TR1	RAV-SP1604AT8-E1/TR1
Indoor unit (Standard Duct)			RAV-RM1101BTP-E/TR	RAV-RM1401BTP-E/TR	RAV-RM1601BTP-E/TR
Cooling capacity	kW		10.0	12.5	14.0
Cooling range (min. - max.)	kW		2.6 - 12.0	2.6 - 14.0	2.6 - 16.0
Power input (min. - rated - max.)	kW	C	0.66 - 2.64 - 4.01	0.66 - 3.86 - 4.89	0.66 - 4.65 - 6.50
EER			3.79	3.24	3.01
SEER			5.65	5.34	5.31
Energy efficiency class		C	A+	-	-
Seasonal electricity consumption	kWh/a	C	619	-	-
Heating capacity	kW		11.2	14.0	16
Heating range (min. - max.)	kW		2.40 - 15.6	2.40 - 18.0	2.4 - 19.0
Power input (min. - rated - max.)	kW	H	0.53 - 2.77 - 4.42	0.53 - 3.67 - 5.71	0.53 - 4.60 - 6.96
COP	W/W		4.04	3.81	3.48
SCOP			3.87	3.94	3.93
Energy efficiency class		H	A	-	-
Seasonal electricity consumption	kWh/a	H	3906	-	-

STANDARD DUCT Performance data with Digital Inverter Series 4 1ph & 3ph

Outdoor unit			RAV-SM564ATP-E/TR	RAV-SM804ATP-E/TR	RAV-SM1104AT(8)P-E/TR	RAV-SM1404AT(8)P-E/TR	RAV-SM1603AT-E1
Indoor unit (Standard Duct)			RAV-RM561BTP-E/TR	RAV-RM801BTP-E/TR	RAV-RM1101BTP-E/TR	RAV-RM1401BTP-E/TR	RAV-RM1601BTP-E/TR
Cooling capacity	kW		5.0	6.7	10.0	12.1	14.0
Cooling range (min. - max.)	kW		1.5 - 5.6	1.5 - 7.4	3.0 - 11.2	3.0 - 13.2	3.0 - 16.0
Power input (min. - rated - max.)	kW	C	0.31 - 1.83 - 2.05	0.31 - 2.38 - 2.76	0.60 - 3.14 - 4.50	0.60 - 4.42 - 4.71	0.65 - 5.13 - 6.50
EER			2.73	2.82	3.18	2.74	2.73
SEER			5.1	5.1	5.1	-	4.60
Energy efficiency class		C	A	A	A	-	-
Seasonal electricity consumption	kWh/a	C	365	466	696	-	-
Heating capacity	kW		5.3	7.7	11.2	12.8	16.0
Heating range (min. - max.)	kW		1.5 - 6.3	1.5 - 9.0	3.0 - 12.5	3.0 - 16.0	3.0 - 18.0
Power input (min. - rated - max.)	kW	H	0.31 - 1.62 - 2.47	0.31 - 2.32 - 3.18	0.60 - 2.99 - 4.00	0.60 - 3.55 - 4.55	0.65 - 4.69 - 6.89
COP	W/W		3.27	3.32	3.75	3.61	3.41
SCOP			3.98	3.83	4.14	-	3.72
Energy efficiency class		H	A	A	A+	-	-
Seasonal electricity consumption	kWh/a	H	1549	2450	2569	-	-

STANDARD DUCT Physical data indoor

Indoor unit			RAV-SM406BTP-E/TR	RAV-SM456BTP-E/TR	RAV-RM561BTP-E/TR	RAV-RM801BTP-E/TR	RAV-RM1101BTP-E/TR	RAV-RM1401BTP-E/TR	RAV-RM1601BTP-E/TR
Air flow (H/L)	m³/h - l/s		800/480 - 222/133	800/480 - 222/133	800/480 - 222/133	1200/720 - 333/200	2100/1260 - 583/350	2100/1260 - 583/350	2100/1260 - 583/350
Sound pressure level (H-M-L)*	dB(A)		33-29-25	33-29-25	33-29-25	34-30-26	40-36-33	40-36-33	40-36-33
Sound power level (H-M-L)*	dB(A)		48-44-40	48-44-40	48-44-40	49-45-41	55-51-48	55-51-48	55-51-48
Dimensions (HxWxD)	mm		275x700x750	275x700x750	275x700x750	275x1000x750	275x1400x750	275x1400x750	275x1400x750
Weight	kg		23	23	23	30	40	40	40
External static pressure (stand/upper limit)	Pa		30/120	30/120	30/120	30/120	50/120	50/120	50/120

C: cooling mode - H: heating mode - *bottom air inlet