

# DUCTS



SCOP max.  
4.81



Capacity  
5kW-14kW



Operation  
-27°C/+52°C (SDI)  
-15°C/+46°C (DI)

## STANDARD DUCT

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



### FEATURES



#### Adaptability

- ✓ Up to 120Pa available pressure, thanks to DC fan motor
- ✓ Flexible design allows the inlet air 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 installation

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

# TECHNICAL CHARACTERISTICS

## PERFORMANCE DATA WITH SUPER DIGITAL INVERTER

OUTDOOR UNIT INDOOR UNIT		RAV-GP561ATP-E RAV-RM561BTP-E	RAV-GP801AT-E RAV-RM801BTP-E	RAV-GP1101AT-E RAV-RM1101BTP-E	RAV-GP1101AT8-E RAV-RM1101BTP-E	RAV-GP1401AT-E RAV-RM1401BTP-E	RAV-GP1401AT8-E RAV-RM1401BTP-E	RAV-GP1601AT8-E RAV-RM1601BTP-E
Cooling capacity	kW	5,0	7,1	10,0	10,0	12,5	12,5	14,0
Cooling range (min. - max.)	kW	1,2-5,6	1,9-8,0	3,1-12,0	2,6-12,0	3,1-14,0	2,6-14,0	2,6-16,0
Power input (min. -rated - max.)	kW	C 0,19-1,52-1,99	0,26-1,63-3,20	0,65-2,40-3,63	0,66-2,58-4,01	0,65-3,57-3,97	0,66-3,81-4,89	0,66-4,49-6,50
EER		3,29	4,36	4,17	3,88	3,50	3,28	3,12
SEER		5,60	7,50	6,60	5,70	6,06	5,48	5,36
Energy efficiency class	C	A+	A++	A++	A+	TBD	TBD	TBD
Seasonal electricity consumption	kWh/a	C 312	331	530	613	1.237	1.366	1.566
Heating capacity	kW	5,6	8,0	11,2	11,2	14,0	14,0	16
Heating range (min. - max.)	kW	0,9-7,4	1,3-11,3	2,6-13,0	2,40-15,6	2,6-16,5	2,40-18,0	2,4-19,0
Power input (min. -rated - max.)	kW	H 0,16-1,61-2,76	0,20-1,85-3,55	0,47-2,73-3,38	0,53-2,76-4,42	0,47-3,63-4,43	0,53-3,66-5,71	0,53-4,57-6,96
COP	W/W	3,48	4,32	4,10	4,06	3,86	3,83	3,50
SCOP (Average)		4,24	4,81	4,24	4,14	4,24	3,95	3,93
Energy efficiency class (Average)	H	A+	A++	A+	A+	TBD	TBD	TBD
Seasonal electricity consumption	kWh/a	H 1.254	1.484	3.032	3.644	3.168	4.176	4.271

## PERFORMANCE DATA WITH DIGITAL INVERTER

OUTDOOR UNIT INDOOR UNIT		RAV-GM561ATP-E RAV-RM561BTP-E	RAV-GM801ATP-E RAV-RM801BTP-E	RAV-GM901ATP-E RAV-RM901BTP-E	RAV-GM1101ATP-E RAV-RM1101BTP-E	RAV-GM1101AT8P-E RAV-RM1101BTP-E	RAV-GM1401ATP-E RAV-RM1401BTP-E	RAV-GM1401AT8P-E RAV-RM1401BTP-E	RAV-GM1601ATP-E RAV-RM1601BTP-E	RAV-GM1601AT8P-E RAV-RM1601BTP-E
Cooling capacity	kW	5,0	6,7	8,0	9,5	9,5	12,1	12,1	14,0	14,0
Cooling range (min. - max.)	kW	1,5-5,6	1,5-8,0	1,9-8,8	3,0-11,2	3,0-11,2	3,0-13,2	3,0-13,2	3,0-16,0	3,0-16,0
Power input (min. -rated - max.)	kW	C 0,31-1,83-2,05	0,31-2,38-2,76	2,67	0,60-2,99-4,50	0,60-2,99-4,50	0,60-4,42-4,71	0,60-4,42-4,71	5,13	5,13
EER		2,73	2,82	3,00	3,18	3,18	2,74	2,74	2,73	2,73
SEER		5,28	5,20	6,10	5,28	5,28	5,36	5,36	5,3	5,3
Energy efficiency class	C	A	A	A++	A	A	TBD	TBD	TBD	TBD
Seasonal electricity consumption	kWh/a	C 332	451	459	629	629	TBD	TBD	1.584	1.584
Heating capacity	kW	5,3	7,7	9,0	11,2	11,2	13,0	13,0	16,0	16,0
Heating range (min. - max.)	kW	1,5-6,3	1,5-9,0	1,6-9,9	3,0-13,0	3,0-13,0	3,0-16,0	3,0-16,0	3,0-18,0	3,0-18,0
Power input (min. -rated - max.)	kW	H 0,31-1,62-2,47	0,31-2,32-3,18	2,65	0,60-2,99-4,00	0,60-2,99-4,00	0,60-3,60-4,55	0,60-3,60-4,55	4,69	4,69
COP	W/W	3,27	3,32	3,40	3,75	3,75	3,61	3,61	3,41	3,41
SCOP (Average)		4,08	4,13	4,60	4,19	4,19	4,19	4,19	3,9	3,9
Energy efficiency class (Average)	H	A+	A+	A++	A+	A+	TBD	TBD	TBD	TBD
Seasonal electricity consumption	kWh/a	H 960	1.728	1.917	2.537	2.537	TBD	TBD	2.872	2.872

## PHYSICAL DATA INDOOR

INDOOR UNITS	RAV-RM561BTP-E	RAV-RM801BTP-E	RAV-GM901BTP-E	RAV-RM1101BTP-E	RAV-RM1401BTP-E	RAV-RM1601BTP-E
Air Flow (H/L)	m³/h - l/s	800/480 - 222/133	1.200/720 - 333/200	1.700/1.000 - 472/278	2.100/1.260 - 583/350	2.100/1.260 - 583/350
Sound pressure level (H/M/L)	dB(A)	33-29-25	34-30-26	37-33-30	40-36-33	40-36-33
Sound power level (H/M/L)	dB(A)	48-44-40	49-45-41	52-48-45	55-51-48	55-51-48
Dimensions (HxWxD)	mm	275 x 700 x 750	275 x 1.000 x 750	275 x 1.400 x 750	275 x 1.400 x 750	275 x 1.400 x 750
Weight	kg	23	30	40	40	40
External static pressure (stand/upper limit)	Pa	30/120	30/120	50/120	50/120	50/120

C = Cooling Mode    H = Heating Mode  
H-M-L = High - Medium - Low Speed

