

# CEILING



SCOP max.  
5,10



Capacity  
3,6kW-16kW



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

## CEILING

The simple, yet elegant design creates a pleasant and relaxing environment, quickly conditioning the room air to the desired temperature.



## FEATURES



### Comfort

- ✓ Automatic louver control for all year-round comfort and efficiency
- ✓ Low noise levels, thanks to high diameter fan and DC motor



### Reliability

- ✓ Self-cleaning function enables the air flow to remain constant and fresh and reduces the frequency of service visits



### Easy to Install & to Maintain

- ✓ This design represents the best possible solution, where there is a lack of space or absence of a ceiling void



### Adaptability

- ✓ Anti-bacterial drain points available as an option
- ✓ Connecting kit available as an option for external I/O without local relay preparation

# TECHNICAL CHARACTERISTICS

## PERFORMANCE DATA WITH SUPER DIGITAL INVERTER

<b>OUTDOOR UNIT</b>		<b>RAV-GP561ATP-E</b>	<b>RAV-GP801AT-E</b>	<b>RAV-GP1101AT-E</b>	<b>RAV-GP1101AT8-E</b>	<b>RAV-GP1401AT-E</b>	<b>RAV-GP1401AT8-E</b>	<b>RAV-GP1601AT8-E</b>
<b>INDOOR UNIT</b>		<b>RAV-RM561CTP-E</b>	<b>RAV-RM801CTP-E</b>	<b>RAV-RM1101CTP-E</b>	<b>RAV-RM1101CTP-E</b>	<b>RAV-RM1401CTP-E</b>	<b>RAV-RM1401CTP-E</b>	<b>RAV-RM1601CTP-E</b>
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 0,19-1,37-1,98	0,26-1,60-3,17	0,55-2,23-3,45	0,66 - 2,56 - 3,81	0,55-3,58-3,97	0,66 - 3,68 - 4,85	0,66 - 4,60 - 6,33
EER		3,65	4,44	4,48	3,91	3,49	3,40	3,04
SEER		6,76	7,95	8,23	6,61	7,58	6,30	6,00
Energy efficiency class		C A++	A++	A++	A++	TBD	TBD	TBD
Seasonal electricity consumption	kWh/a	C 259	312	425	529	989	1190	1400
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	2,4 - 14,0	2,6 - 16,5	2,40 - 18,0	2,4 - 19,0
Power input (min. -rated - max.)	kW	H 0,16-1,39-2,67	0,20-1,80-3,50	0,41-2,38-3,09	0,53 - 2,51 - 4,26	0,41-3,59-4,40	0,53 - 3,48 - 5,95	0,53 - 4,30 - 6,96
COP	W/W	4,03	4,44	4,71	4,46	3,90	4,02	3,72
SCOP (Average)		4,70	5,05	4,72	4,21	4,71	4,20	4,19
Energy efficiency class (Average)		H A++	A++	A++	A+	TBD	TBD	TBD
Seasonal electricity consumption	kWh/a	H 1.130	1.412	2.726	3.854	2.852	3.931	4.003

## PERFORMANCE DATA WITH DIGITAL INVERTER

<b>OUTDOOR UNIT</b>		<b>RAV-GM401ATP-E</b>	<b>RAV-GM561ATP-E</b>	<b>RAV-GM801ATP-E</b>	<b>RAV-GM901ATP-E</b>	<b>RAV-GM1101ATP-E</b>	<b>RAV-GM1101AT8P-E</b>	<b>RAV-GM1401ATP-E</b>	<b>RAV-GM1401AT8P-E</b>	<b>RAV-GM1601ATP-E</b>	<b>RAV-GM1601AT8P-E</b>
<b>INDOOR UNIT</b>		<b>RAV-RM401CTP-E</b>	<b>RAV-RM561CTP-EM</b>	<b>RAV-RM801CTP-E</b>	<b>RAV-RM901CTP-E</b>	<b>RAV-RM1101CTP-E</b>	<b>RAV-RM1101CTP-E</b>	<b>RAV-RM1401CTP-E</b>	<b>RAV-RM1401CTP-E</b>	<b>RAV-RM1601CTP-E</b>	<b>RAV-RM1601CTP-E</b>
Cooling capacity	kW	3,6	5,0	6,9	8,0	9,5	9,5	12,1	12,1	14,0	14,0
Cooling range (min. - max.)	kW	0,9 - 4,0	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 0,18 - 0,83 - 2,00	0,29-1,61-1,95	0,29-2,38-2,76	2,58	0,60-2,95-4,10	0,60-2,95-4,10	0,60-4,42-4,71	0,60-4,42-4,71	4,65	4,65
EER		4,34	3,11	2,90	3,10	3,22	3,22	2,74	2,74	3,01	3,01
SEER		6,34	5,5	5,62	6,10	5,86	5,86	5,36	5,36	5,9	5,9
Energy efficiency class		C A++	A	A+	A++	A+	A+	TBD	TBD	TBD	TBD
Seasonal electricity consumption	kWh/a	C 199	318	429	459	567	604	TBD	TBD	1.423	1.423
Heating capacity	kW	4,0	5,3	7,7	9,0	11,2	11,2	13,0	13,0	16,0	16,0
Heating range (min. - max.)	kW	0,8 - 5,0	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 0,14 - 0,78 - 1,70	0,29-1,36-2,40	0,29-2,13-3,20	2,65	0,60-2,94-4,10	0,60-2,94-4,10	0,60-3,48-4,60	0,60-3,48-4,60	4,69	4,69
COP	W/W	5,13	3,90	3,62	3,40	3,81	3,81	3,73	3,73	3,9	3,9
SCOP (Average)		5,1	4,32	4,11	4,60	4,27	4,27	4,19	4,19	4,35	4,35
Energy efficiency class (Average)		H A+++	A+	A+	A++	A+	A+	TBD	TBD	TBD	TBD
Seasonal electricity consumption	kWh/a	H 741	908	1.697	1.917	2.490	2.490	TBD	TBD	2.732	2.732

## PHYSICAL DATA INDOOR

<b>INDOOR UNITS</b>		<b>RAV-RM401CTP-E</b>	<b>RAV-RM561CTP-E</b>	<b>RAV-RM801CTP-E</b>	<b>RAV-GM901CTP-E</b>	<b>RAV-RM1101CTP-E</b>	<b>RAV-RM1401CTP-E</b>	<b>RAV-RM1601CTP-E</b>
Air Flow (H/L)	m <sup>3</sup> /h - l/s	900/540 - 250/150	900/540 - 250/150	1.410/750 - 392/208	1.600/900 - 444/250	1.860/1.020 - 517/283	2.040/1.200 - 567/333	2.100/1.260 - 567/350
Sound pressure level (H/M/L)	dB(A)	37-35-28	37-35-28	41-36-29	42-38-30	44-38-32	46-41-35	46-42-36
Sound power level (H/M/L)	dB(A)	52-50-43	52-50-43	56-51-44	57-53-45	59-53-47	61-56-50	61-57-51
Dimensions (HxWxD)	mm	235 x 950 x 690	235 x 950 x 690	235 x 1.270 x 690	235 x 1.586 x 690	235 x 1.586 x 690	235 x 1.586 x 690	235 x 1.586 x 690
Weight	kg	23	23	29	37	37	37	37

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

