

HM_CTP
CEILING



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

Comfort

- Automatic louvre 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 and 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 point available as an option.
- Connecting kit available as an option for external I/O without local relay preparation.



SCOP MAX



5.05

CAPACITY



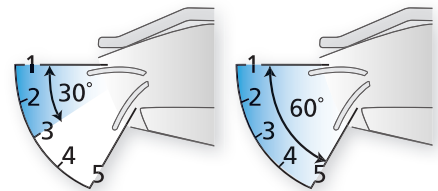
3.6kW > 16kW

OPERATION



-27°C > +52°C

The airflow angle is automatically set to the most suitable setting according to the cooling or heating needs.



INDOOR UNITS

- RAV-HM401CTP-E
- RAV-HM561CTP-E/TR
- RAV-HM801CTP-E/TR
- RAV-HM901CTP-E
- RAV-HM1101CTP-E/TR
- RAV-HM1401CTP-E/TR
- RAV-HM1601CTP-E/HR

SDI



OUTDOOR UNITS

- RAV-GP516ATW-E/TR
- RAV-GP801ATW-E/TR
- RAV-GP1101AT(8)-E/TR
- RAV-GP1401AT(8)-E(1)/TR(1)
- RAV-GP1601AT8-E/TR

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- RAV-GM401ATP-E
- RAV-GM561ATP-E/TR
- RAV-GM801ATP-E/TR
- RAV-GM901ATP-E
- RAV-GM1101AT(8)P-E/TR
- RAV-GM1401AT(8)P-E/TR
- RAV-GM1601AT(8)P-E/TR



REMOTE CONTROLS

- RBC-AXU31C-E
- RBC-AXU31-E



RBC-AMTSU51E-ES(EN)

- RBC-AMTU31-E
- RBC-ASCU11-E

CEILING

CEILING Performance data with Super Digital Inverter Series 1 1Ph

PRELIMINARY

Outdoor unit Indoor unit (Ceiling)	RAV- RAV-	GP561ATW-E HM561CTP-E	GP801ATW-E HM801CTP-E	GP1101AT-E HM1101CTP-E	GP1401AT-E1 HM1401CTP-E
Cooling capacity	kW	5.0	7.1	10.0	12.5
Cooling range (min. - max.)	kW	1.2-5.6	1.9 - 8.0	3.1 - 12.0	3.1 - 14.0
Power input	kW C	0.19 - 1.37 - 1.98	0.26 - 1.60 - 3.17	0.55 - 2.23 - 3.45	0.55 - 3.58 - 3.97
EER		3.65	4.44	4.48	3.49
SEER		6.93	8.35	8.58	7.99
Energy efficiency class	C	A++	A++	A+++	-
Seasonal electricity consumption	kWh/a C	253	298	408	939
Heating capacity	kW	5.6	8.0	11.2	14.0
Heating range (min. - max.)	kW	0.9-7.4	1.3 - 11.3	2.6 - 13.0	2.6 - 16.5
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	0.41 - 3.59 - 4.40
COP	W/W	4.03	4.44	4.71	3.90
SCOP		4.73	5.10	4.75	4.74
Energy efficiency class	H	A++	A++	A++	-
Seasonal electricity consumption	kWh/a H	1125	1401	2712	2838

CEILING Performance data with Super Digital Inverter Series 1 3Ph

Outdoor unit Indoor unit (Ceiling)	RAV- RAV-	GP1101AT8-E HM1101CTP-E	GP1401AT8-E HM1401CTP-E	GP1601AT8-E HM1601CTP-E
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	kW C	0.66 - 2.56 - 3.81	0.66 - 3.68 - 4.85	0.66 - 4.60 - 6.33
EER		3.91	3.40	3.04
SEER		6.80	6.60	6.24
Energy efficiency class	C	A++	-	-
Seasonal electricity consumption	kWh/a C	515	1137	1347
Heating capacity	kW	11.2	14.0	16.0
Heating range (min. - max.)	kW	2.4 - 14.0	2.4 - 18.0	2.4 - 19.0
Power input (min. - rated - max.)	kW H	0.53 - 2.51 - 4.26	0.53 - 3.48 - 5.95	0.53 - 4.30 - 6.96
COP	W/W	4.46	4.02	3.72
SCOP		4.23	4.22	4.21
Energy efficiency class	H	A+	-	-
Seasonal electricity consumption	kWh/a H	3842	3916	3988

CEILING Performance data with Digital Inverter Series 1 1Ph & 3Ph

Outdoor unit Indoor unit (Ceiling)	RAV- RAV-	GM401ATP-E HM401CTP-E	GM561ATP-E HM561CTP-E	GM801ATP-E HM801CTP-E	GM901ATP-E GM901CTP-E	GM1101ATP-E HM1101CTP-E	GM1401AT8P-E HM1401CTP-E	GM1601ATP-E HM1601CTP-E
Cooling capacity	kW	3.6	5.0	6.9	8.0	9.5	12.1	14.0
Cooling range (min. - max.)	kW	0.9 - 4.0	1.5 - 5.6	1.5 - 7.4	1.9 - 8.8	3.0 - 11.2	3.0 - 13.2	3.0 - 16.0
Power input	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 - 4.42 - 4.71	4.65
EER		4.34	3.11	2.90	3.10	3.22	2.74	3.01
SEER		6.34	5.50	5.62	6.10	5.86	5.36	5.9
Energy efficiency class	C	A++	A	A+	A++	A+	-	-
Seasonal electricity consumption	kWh/a C	199	318	429	459	567	-	1423
Heating capacity	kW	4.0	5.3	7.7	9.0	11.2	13.0	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 - 16.0	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 - 3.48 - 4.60	4.69
COP		5.13	3.90	3.62	3.40	3.81	3.73	3.9
SCOP		5.1	4.32	4.21	4.60	4.27	4.19	4.35
Energy efficiency class	H	A+++	A+	A+	A++	A+	-	-
Seasonal electricity consumption	kWh/a H	741	908	1697	1917	2490	-	2732

CEILING Physical data indoor

Indoor unit	RAV- RAV-	HM401CTP-E	HM561CTP-E	HM801CTP-E	GM901CTP-E	HM1101CTP-E	HM1401CTP-E	HM1601CTP-E
Air flow (H/L)	m ³ /h - l/s	900/540 - 250/150	900/540 - 250/150	1410/750 - 392/208	1600/900 - 444/250	1860/1020 - 517/283	2040/1200 - 567/333	2040/1260 - 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)	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 1270 x 690	235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690
Weight	kg	23	23	29	37	37	37	37

C = cooling mode
H = heating mode
H-M-L = High - Medium - Low speed

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