

Ceiling unit

- > Combined with DI outdoor unit
- > Attractive design for optimum air distribution
- > Efficiency up to A+++
- > Large air throw distances
- > Special features for server rooms: backup/rotation function, free-cooling control



Digital Inverter – 1-phase – Ceiling unit

INDOOR UNIT			RAV-HM401CTP-E	RAV-HM561CTP-E	RAV-HM801CTP-E	RAV-HM901CTP-E	RAV-HM1101CTP-E	RAV-HM1401CTP-E	RAV-HM1601CTP-E
OUTDOOR UNIT			RAV-GM402ATP-E	RAV-GM562ATP-E	RAV-GM802ATW-E	RAV-GM902ATW-E	RAV-GM1102ATW-E	RAV-GM1402ATW-E	RAV-GM1602ATW-E
Cooling capacity	kW	❄️	3,60	5,00	6,90	8,00	9,50	12,10	14,00
Cooling range (min.-max.)	kW	❄️	0,90 - 4,00	1,50 - 5,60	1,90 - 8,00	1,90 - 8,80	3,00 - 11,20	3,00 - 13,20	3,00 - 15,00
Power consumption (min./nom./max.)	kW	❄️	0,18/0,83/ 2,00	0,29/1,61/ 1,95	0,30/2,06/ 2,66	0,30/2,38/ 2,75	0,58/2,59/ 3,29	0,58/4,01/ 4,39	0,58/5,04/ 6,12
Energy efficiency EER	W/W	❄️	4,34	3,11	3,35	3,36	3,67	3,02	2,78
Energy efficiency SEER		❄️	7,20	6,00	7,03	7,0	7,00	6,16	6,25
Energy efficiency class		❄️	A++	A+	A++	A++	A++	n/a	n/a
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46	-15 / +46	-15 / +46	-15 / +46	-15 / +46	-15 / +46	-15 / +46
Heating capacity	kW	🔥	4,00	5,30	7,70	8,60	11,20	13,00	16,00
Heating range (min.-max.)	kW	🔥	0,80 - 5,00	1,50 - 6,30	1,60 - 9,00	1,60 - 9,90	3,00 - 13,00	3,00 - 16,00	3,00 - 17,00
Power consumption (min./nom./max.)	kW	🔥	0,14/0,78/ 1,70	0,29/1,36/ 2,40	0,29/1,99/ 2,57	0,29/2,15/ 2,62	0,66/2,86/ 3,49	0,66/3,48/ 4,61	0,66/4,75/ 5,78
Energy efficiency COP	W/W	🔥	5,13	3,90	3,87	4,00	3,91	3,74	3,37
Energy efficiency SCOP		🔥	5,13	4,34	4,48	4,60	4,30	4,28	4,30
Energy efficiency class		🔥	A+++	A+	A+	A++	A+	n/a	n/a
Outdoor temperature operating range (min.-max.)	°C	🔥	-15 / +15	-15 / +15	-15 / +15	-15 / +15	-15 / +15	-15 / +15	-15 / +15
Power supply	V/Ph+N/Hz		220-240/1+N/ 50	220-240/1+N/ 50	220-240/1+N/ 50	220-240/1+N/ 50	220-240/1+N/ 50	220-240/1+N/ 50	220-240/1+N/ 50
Recommended fusing	A		10	16	16	16	25	25	32

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Airflow	m³/h	540/720/ 900	540/720/ 900	750/1000/ 1410	900/ - / 1600	1020/1350/ 1860	1200/1530/ 2040	1200/1650/ 2040
Sound pressure level (low/med/high)	dB(A)	❄️ 28/35/37	❄️ 28/35/37	❄️ 29/36/41	❄️ 30/38/42	❄️ 32/38/44	❄️ 35/41/46	❄️ 36/42/46
Sound pressure level (low/med/high)	dB(A)	🔥 28/35/37	🔥 28/35/37	🔥 29/36/41	🔥 30/38/42	🔥 32/38/44	🔥 35/41/46	🔥 36/42/46
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

OUTDOOR UNIT		RAV-GM402ATP-E	RAV-GM562ATP-E	RAV-GM802ATW-E	RAV-GM902ATW-E	RAV-GM1102ATW-E	RAV-GM1402ATW-E	RAV-GM1602ATW-E
Sound pressure level (low/med/high)	dB(A)	❄️ 49	❄️ 46	❄️ 50	❄️ 52	❄️ 53	❄️ 56	❄️ 57
Sound pressure level (low/med/high)	dB(A)	🔥 50	🔥 48	🔥 52	🔥 55	🔥 56	🔥 56	🔥 56
Suction gas pipe diameter	mm (inch)	12,7 (½)	12,7 (½)	15,9 (5/8)	15,9 (5/8)	15,9 (5/8)	15,9 (5/8)	15,9 (5/8)
Liquid pipe diameter	mm (inch)	6,4 (¼)	6,4 (¼)	9,5 (3/8)	9,5 (3/8)	9,5 (3/8)	9,5 (3/8)	9,5 (3/8)
Pipe length (min.)	m	2	5	5	5	5	5	5
Pipe length (max.)	m	20	30	50	50	50	50	50
Height difference (max.)	m	10	30	30	30	30	30	30
Compressor type		Twin-Rotary	Twin-Rotary	Twin-Rotary	Twin-Rotary	Twin-Rotary	Twin-Rotary	Twin-Rotary
Refrigerant		R32	R32	R32	R32	R32	R32	R32
Refrigerant charge	kg	0,90	0,90	1,90	1,90	2,40	2,40	2,40
Dimensions (HxWxD)	mm	550 x 780 x 290	550 x 780 x 290	630 x 799 x 299	630 x 799 x 299	1050 x 1010 x 370	1050 x 1010 x 370	1050 x 1010 x 370
Weight	kg	34	40	47	47	85	85	88



KAMMA ПЛАС

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