

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 OUTDOOR UNIT			RAV-HM401CTP-E RAV-GM402ATP-E	RAV-HM561CTP-E RAV-GM562ATP-E	RAV-HM801CTP-E RAV-GM802ATW-E	RAV-HM901CTP-E RAV-GM902ATW-E	RAV-HM1101CTP-E RAV-GM1102ATW-E	RAV-HM1401CTP-E RAV-GM1402ATW-E	RAV-HM1601CTP-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
Set price incl. RBC-AMTU31-E	€		2.850,-	3.220,-	3.980,-	4.360,-	5.010,-	5.450,-	6.240,-

INDOOR UNIT			RAV-HM401CTP-E	RAV-HM561CTP-E	RAV-HM801CTP-E	RAV-HM901CTP-E	RAV-HM1101CTP-E	RAV-HM1401CTP-E	RAV-HM1601CTP-E
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
Price	€		1.150,-	1.220,-	1.380,-	1.530,-	1.560,-	1.740,-	1.840,-

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
Price	€		1.550,-	1.850,-	2.450,-	2.680,-	3.300,-	3.560,-	4.250,-

You will find all the control options from page 104 onwards.

Digital Inverter – 3-phase – Ceiling unit

INDOOR UNIT OUTDOOR UNIT			RAV-HM1101CTP-E RAV-GM1102AT8W-E	RAV-HM1401CTP-E RAV-GM1402AT8W-E	RAV-HM1601CTP-E RAV-GM1602AT8W-E
Cooling capacity	kW	❄	9,50	12,10	14,00
Cooling range (min.-max.)	kW	❄	3,00 - 11,20	3,00 - 13,20	3,00 - 15,00
Power consumption (min./nom./max.)	kW	❄	0,62/2,55/3,25	0,62/3,94/4,35	0,62/4,94/6,02
Energy efficiency EER	W/W	❄	3,72	3,07	2,83
Energy efficiency SEER		❄	6,46	5,87	6,12
Energy efficiency class		❄	A++	n/a	n/a
Outdoor temperature operating range (min.-max.)	°C	❄	-15 / +46	-15 / +46	-15 / +46
Heating capacity	kW	❄	11,20	13,00	16,00
Heating range (min.-max.)	kW	❄	3,00 - 13,00	3,00 - 16,00	3,00 - 18,00
Power consumption (min./nom./max.)	kW	❄	0,70/2,83/3,45	0,70/3,43/4,57	0,70/4,68/7,09
Energy efficiency COP	W/W	❄	3,95	3,79	3,41
Energy efficiency SCOP		❄	4,29	4,20	4,22
Energy efficiency class		❄	A+	n/a	n/a
Outdoor temperature operating range (min.-max.)	°C	❄	-15 / +15	-15 / +15	-15 / +15
Power supply	V/Ph+N/Hz		380-415/3+N/50	380-415/3+N/50	380-415/3+N/50
Recommended fusing	A		3x 16	3x 16	3x 16
Set price incl. RBC-AMTU31-E	€		5.490,-	5.990,-	6.770,-

INDOOR UNIT			RAV-HM1101CTP-E	RAV-HM1401CTP-E	RAV-HM1601CTP-E
Airflow	m³/h		1020/1350/1860	1200/1530/2040	1200/1650/2040
Sound pressure level (low/med/high)	dB(A)	❄	32/38/44	35/41/46	36/42/46
Sound pressure level (low/med/high)	dB(A)	❄	32/38/44	35/41/46	36/42/46
Dimensions (HxWxD)	mm		235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690
Weight	kg		37	37	37
Price	€		1.560,-	1.740,-	1.840,-

OUTDOOR UNIT			RAV-GM1102AT8W-E	RAV-GM1402AT8W-E	RAV-GM1602AT8W-E
Sound pressure level (low/med/high)	dB(A)	❄	53	56	57
Sound pressure level (low/med/high)	dB(A)	❄	56	56	56
Suction gas pipe diameter	mm (inch)		15,9 (5/8)	15,9 (5/8)	15,9 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)	9,5 (3/8)	9,5 (3/8)
Pipe length (min.)	m		5	5	5
Pipe length (max.)	m		50	50	50
Height difference (max.)	m		30	30	30
Compressor type			Twin-Rotary	Twin-Rotary	Twin-Rotary
Refrigerant			R32	R32	R32
Refrigerant charge	kg		2,40	2,40	2,40
Dimensions (HxWxD)	mm		1050 x 1010 x 370	1050 x 1010 x 370	1050 x 1010 x 370
Weight	kg		85	85	88
Price	€		3.780,-	4.100,-	4.780,-

ACCESSORIES	DESCRIPTION	PRICE €
RBC-AMTU31-E	Standard Wired Remote Control	150,-
RBC-AXU31C-E	Infrared remote control + receiver kit for installation in ceiling unit	355,-
TCB-DP31CE	Drain pump, discharge head 600 mm, measured from lower edge of unit	440,-
TCB-KP14CPE	Elbow-kit, ISO14093 certified flares (required for drain pump), RAV: Sizes 4 + 5 / VRF: Sizes 15 + 18	120,-
TCB-KP24CPE	Elbow-kit, ISO14093 certified flares (required for drain pump), RAV: Sizes 8 + 16 / VRF: Sizes 24 to 56	150,-
TCB-PCUC2E	Control board for external control, alarms and messages	200,-
TCB-FF101URE2	Spigot flange for fresh air connection Ø 100 mm	80,-

You will find all the control options from page 104 onwards.

Ceiling unit

- › Combined with SDI 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



Super Digital Inverter – 1-phase – Ceiling unit

INDOOR UNIT OUTDOOR UNIT			RAV-HM561CTP-E RAV-GP561ATW-E	RAV-HM801CTP-E RAV-GP801ATW-E	RAV-HM1101CTP-E RAV-GP1101AT-E	RAV-HM1401CTP-E RAV-GP1401AT-E1
Cooling capacity	kW	❄	5,00	7,10	10,00	12,50
Cooling range (min.-max.)	kW	❄	1,20 - 5,60	1,90 - 8,00	3,10 - 12,00	3,10 - 14,00
Power consumption (min./nom./max.)	kW	❄	0,19/1,37/1,98	0,26/1,60/3,17	0,55/2,23/3,45	0,55/3,58/3,97
Energy efficiency EER	W/W	❄	3,65	4,44	4,48	3,49
Energy efficiency SEER		❄	6,93	8,35	8,58	7,99
Energy efficiency class		❄	A++	A++	A+++	n/a
Outdoor temperature operating range (min.-max.)	°C	❄	-15 / +52	-15 / +52	-15 / +52	-15 / +52
Heating capacity	kW	☀	5,60	8,00	11,20	14,00
Heating range (min.-max.)	kW	☀	0,90 - 7,40	1,30 - 11,30	2,60 - 13,00	2,60 - 16,50
Power consumption (min./nom./max.)	kW	☀	0,16/1,39/2,67	0,20/1,80/3,50	0,41/2,38/3,09	0,41/3,59/4,40
Energy efficiency COP	W/W	☀	4,03	4,44	4,71	3,90
Energy efficiency SCOP		☀	4,73	5,10	4,75	4,74
Energy efficiency class		☀	A++	A++	A++	n/a
Outdoor temperature operating range (min.-max.)	°C	☀	-27 / +15	-27 / +15	-27 / +15	-27 / +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
Recommended fusing	A		16	20	25	25
Set price incl. RBC-AMTU31-E	€		3.570,-	4.370,-	6.010,-	6.640,-

INDOOR UNIT			RAV-HM561CTP-E	RAV-HM801CTP-E	RAV-HM1101CTP-E	RAV-HM1401CTP-E
Airflow	m³/h		540/720/900	750/1000/1410	1020/1350/1860	1200/1530/2040
Sound pressure level (low/med/high)	dB(A)	❄	28/35/37	29/36/41	32/38/44	35/41/46
Sound pressure level (low/med/high)	dB(A)	☀	28/35/37	29/36/41	32/38/44	35/41/46
Dimensions (HxWxD)	mm		235 x 950 x 690	235 x 1270 x 690	235 x 1586 x 690	235 x 1586 x 690
Weight	kg		23	29	37	37
Price	€		1.220,-	1.380,-	1.560,-	1.740,-

OUTDOOR UNIT			RAV-GP561ATW-E	RAV-GP801ATW-E	RAV-GP1101AT-E	RAV-GP1401AT-E1
Sound pressure level (low/med/high)	dB(A)	❄	46	46	49	50
Sound pressure level (low/med/high)	dB(A)	☀	48	48	50	51
Suction gas pipe diameter	mm (inch)		12,7 (½)	15,9 (5/8)	15,9 (¾)	15,9 (¾)
Liquid pipe diameter	mm (inch)		6,4 (¼)	9,5 (3/8)	9,5 (3/8)	9,5 (3/8)
Pipe length (min.)	m		5	5	5	5
Pipe length (max.)	m		50	50	75	75
Height difference (max.)	m		30	30	30	30
Compressor type			Twin-Rotary	Twin-Rotary	Twin-Rotary	Twin-Rotary
Refrigerant			R32	R32	R32	R32
Refrigerant charge	kg		1,35	1,30	3,10	3,10
Dimensions (HxWxD)	mm		630 x 799 x 299	1050 x 1010 x 370	1550 x 1010 x 370	1550 x 1010 x 370
Weight	kg		45	74	104	104
Price	€		2.200,-	2.840,-	4.300,-	4.750,-

You will find all the control options from page 104 onwards.

Super Digital Inverter – 3-phase – Ceiling unit

INDOOR UNIT OUTDOOR UNIT			RAV-HM1101CTP-E RAV-GP1101AT8-E	RAV-HM1401CTP-E RAV-GP1401AT8-E*	RAV-HM1601CTP-E RAV-GP1601AT8-E
Cooling capacity	kW	❄️	10,00	12,50	14,00
Cooling range (min.-max.)	kW	❄️	2,60 - 12,00	2,60 - 14,00	2,60 - 16,00
Power consumption (min./nom./max.)	kW	❄️	0,66/2,56/3,81	0,66/3,68/4,85	0,66/4,60/6,33
Energy efficiency EER	W/W	❄️	3,91	3,40	3,04
Energy efficiency SEER		❄️	6,80	6,60	6,24
Energy efficiency class		❄️	A++	n/a	n/a
Outdoor temperature operating range (min.-max.)	°C	❄️	-15 / +46	-15 / +46	-15 / +46
Heating capacity	kW	🔥	11,20	14,00	16,00
Heating range (min.-max.)	kW	🔥	2,40 - 14,00	2,40 - 18,00	2,40 - 19,00
Power consumption (min./nom./max.)	kW	🔥	0,53/2,51/4,26	0,53/3,48/5,95	0,53/4,30/6,96
Energy efficiency COP	W/W	🔥	4,46	4,02	3,72
Energy efficiency SCOP		🔥	4,23	4,22	4,21
Energy efficiency class		🔥	A+	n/a	n/a
Outdoor temperature operating range (min.-max.)	°C	🔥	-20/ +15	-20/ +15	-20/ +15
Power supply	V/Ph+N/Hz		380-415/3+N/50	380-415/3+N/50	380-415/3+N/50
Recommended fusing	A		3x 16	3x 16	3x 16
Set price incl. RBC-AMTU31-E	€		5.920,-	6.290,-	6.970,-

INDOOR UNIT			RAV-HM1101CTP-E	RAV-HM1401CTP-E	RAV-HM1601CTP-E
Airflow	m³/h		1020/1350/1860	1200/1530/2040	1200/1650/2040
Sound pressure level (low/med/high)	dB(A)	❄️	32/38/44	35/41/46	36/42/46
Sound pressure level (low/med/high)	dB(A)	🔥	32/38/44	35/41/46	36/42/46
Dimensions (HxWxD)	mm		235 x 1586 x 690	235 x 1586 x 690	235 x 1586 x 690
Weight	kg		37	37	37
Price	€		1.560,-	1.740,-	1.840,-

OUTDOOR UNIT			RAV-GP1101AT8-E	RAV-GP1401AT8-E*	RAV-GP1601AT8-E
Sound pressure level (low/med/high)	dB(A)	❄️	49	51	51
Sound pressure level (low/med/high)	dB(A)	🔥	50	52	53
Suction gas pipe diameter	mm (inch)		15,9 (¾)	15,9 (5/8)	15,9 (5/8)
Liquid pipe diameter	mm (inch)		9,5 (3/8)	9,5 (3/8)	9,5 (3/8)
Pipe length (min.)	m		5	5	5
Pipe length (max.)	m		75	75	75
Height difference (max.)	m		30	30	30
Compressor type			Twin-Rotary	Twin-Rotary	Twin-Rotary
Refrigerant			R32	R32	R32
Refrigerant charge	kg		2,60	2,60	2,60
Dimensions (HxWxD)	mm		1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
Weight	kg		95	95	95
Price	€		4.210,-	4.400,-	4.980,-

ACCESSORIES	DESCRIPTION	PRICE €
RBC-AMTU31-E	Standard Wired Remote Control	150,-
RBC-AXU31C-E	Infrared remote control + receiver kit for installation in ceiling unit	355,-
RBC-AMSU52-E	Wired comfort remote control PLUS	205,-
TCB-DP31CE	Drain pump, discharge head 600 mm, measured from lower edge of unit	440,-
TCB-KP14CPE	Elbow-kit, ISO14093 certified flares (required for drain pump), RAV: Sizes 4 + 5 / VRF: Sizes 15 + 18	120,-
TCB-KP24CPE	Elbow-kit, ISO14093 certified flares (required for drain pump), RAV: Sizes 8 + 16 / VRF: Sizes 24 to 56	150,-
TCB-PCUC2E	Control board for external control, alarms and messages	200,-
TCB-FF101URE2	Spigot flange for fresh air connection Ø 100 mm	80,-

* Changing to RAV-GP1401AT8-E1 during the year.
You will find all the control options from page 104 onwards.