

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

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

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