

ARCTIC HEAT PUMPS

The heat pump solution for easy wall mounting



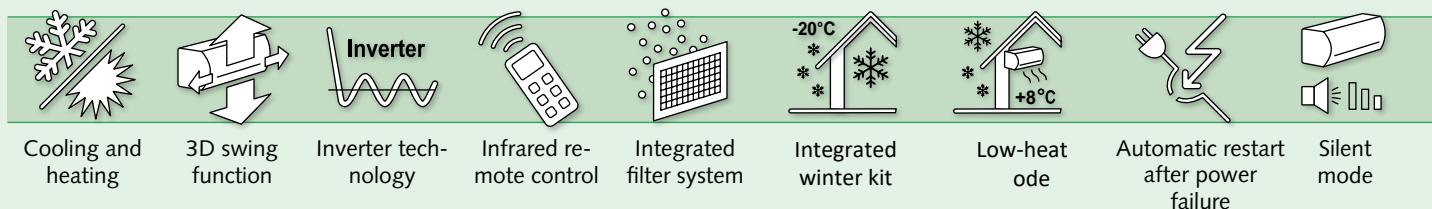
*Air/air system
for heating and cooling
RVT-ARCTIC Series*



Technical data

Unit type		RVT 264 ARCTIC	RVT 354 ARCTIC	RVT 524 ARCTIC	RVT 684 ARCTIC
Heating capacity	kW	2.4 (0.8-3.9)	2.5 (0.9-5.1)	4.2 (1.3-7.0)	5.6 (2.1-9.4)
Energy efficiency rating for heating ¹⁾		A+	A+	A+	A+
Energy efficiency size SCOP ¹⁾		4.0	4.0	4.0	4.0
Energy consumption, annual, Q _{HE} ¹⁾	kWh	840	875	1470	1960
Cooling capacity	kW	2.6 (1.2-3.4)	3.5 (1.4-4.6)	5.3 (2.0-6.2)	7.3 (3.0-8.4)
Energy efficiency class - cooling		A++	A++	A++	A++
Energy efficiency size SEER		6.8	6.5	7.1	6.9
Energy consumption, annual, Q _{CE}	kWh	134	188	261	370
Refrigerant ³⁾		R32	R32	R32	R32
Basic filling volume / CO ₂ equivalent	kg/t	0.70/0.47	0.80/0.54	1.25/0.84	1.60/1.08
Cooling / heating power consumption	kW	0.77/0.78	1.25/1.17	1.50/1.39	2.26/2.11
Usage area (room size) approx.	m ³	80	110	160	230
Operating range - indoor unit	°C/% rel. hum.	17-30/35-65	17-30/35-65	17-30/35-65	17-30/35-65
Operating range - outdoor unit - cooling	°C	+5 to +50	+5 to +50	+5 to +50	+5 to +50
Operating range, outdoor unit, heating	°C	-20 to +30	-20 to +30	-20 to +30	-20 to +30
Air flow rate per speed setting	m ³ /h	329/433/486	360/490/550	550/720/810	650/970/1050
Sound pressure level of indoor unit per speed setting ²⁾	dB(A)	29/34/41	30/37/41	33/41/45	35/44/46
Sound pressure level, Silent/Turbo mode ²⁾	dB(A)	22/42	23/43	24/48	27/51
Max. sound power, indoor unit/outdoor unit	dB(A)	53/58	54/60	57/60	59/65
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50	230/1~/50	230/1~/50
Refrigerant connection, injection pipe	Inch	¼	¼	¼	¾
Refrigerant connection, suction pipe	Inch	¾	¾	½	¾
Condensate drain connection Ø	mm	18	18	18	18
Length of the refrigerant line, max.	m	25	25	30	50
Height of refrigerant line, max.	m	10	10	20	25
Dimensions of indoor unit, height / width / depth	mm	300/716/193	300/804/193	325/964/222	342/1106/232
Dimensions of outdoor unit, height/width/depth	mm	555/770/300	555/770/300	554/800/333	702/845/363
Weight of indoor/outdoor unit	kg	7.5/26.4	8.2/26.5	10.8/37.0	14.3/48.0
Complete unit		RVT 264 ARCTIC	RVT 354 ARCTIC	RVT 524 ARCTIC	RVT 684 ARCTIC
Ref. no.		1623066	1623076	1623086	1623096

¹⁾ Average temperature period (average) ²⁾ Distance 1 m in open air ³⁾ GWP = 2088



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*...and somewhere near you!
Take advantage of our experience and advice*



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