ARCTIC HEAT PUMPS

The heat pump solution for easy wall mounting

Air/air system
for heating and cooling

RVT-ARCTIC Series

1-2017

Quality with systems

INVERTER HEAT PUMPS

RVT-ARCTIC series
Heating and cooling

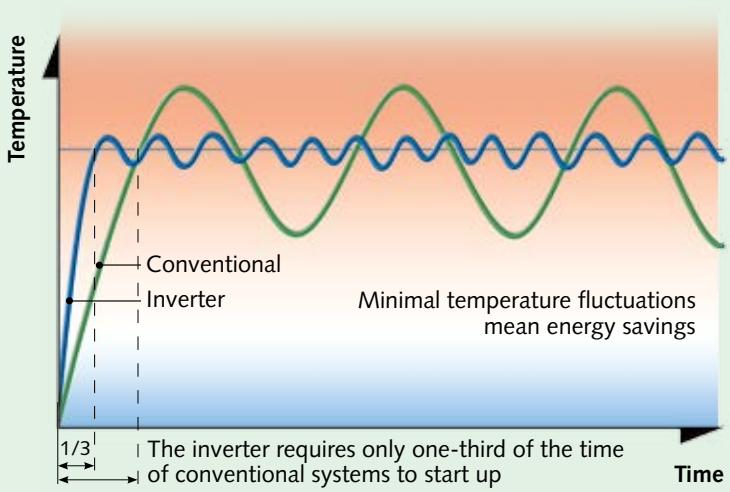
REMKO ARCTIC-WP

Reduce energy consumption through better efficiency

The REMKO RVT-ARCTIC series air/air heat pump works extremely efficiently. If the room temperature decreases, the inverter adapts recisely to the required heating capacity. This results in only minimal temperature fluctuations and thus longer full load heating. This not only saves on energy costs, but also prevents unnecessary start-up sounds.

- Easy wall installation.
- Inverter technology saves energy costs. This translates to maximum comfort, as temperature fluctuations in exiting air are reduced to a minimum.
- Automatic adjustment of the air flow in heating and cooling mode.
- Programmable 24-hour timer function.
- With infrared remote control in standard design.
- Power display of the compressor.
- 3D swing function.
- Microprocessor-controlled device technology.
- The outdoor units are filled with R32 refrigerant at the factory.
- Temperature-controlled winter fan speed control and integrated drain tray heating element to ensure operation in heating mode down to -20°C and lower.

Modern inverter technology



Technical data

		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.	m³	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	m³/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	⅜
Refrigerant connection, suction pipe	Inch	⅜	⅜	½	⅝
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
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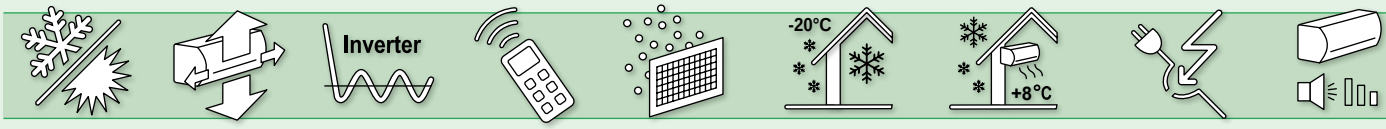
[1] Average temperature period (average) [2] Distance 1 m in open air [3] GWP = 2088



Cooling and heating | 3D swing function | Inverter technology | Infrared remote control | Integrated filter system | Integrated winter kit | Low-heat mode | Automatic restart after power failure | Silent mode

REMKO INTERNATIONAL

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

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