

LOCAL AIR-CONDITIONERS

Ready to use anytime, anywhere

Local air-conditioners

Compact design | split design

Monobloc air-conditioners

Wall chests without outdoor unit



Issue 2020-2



AIR-CONDITIONERS

Create a room climate for your well-being

Air-conditioning comfort for „feel good“ rooms

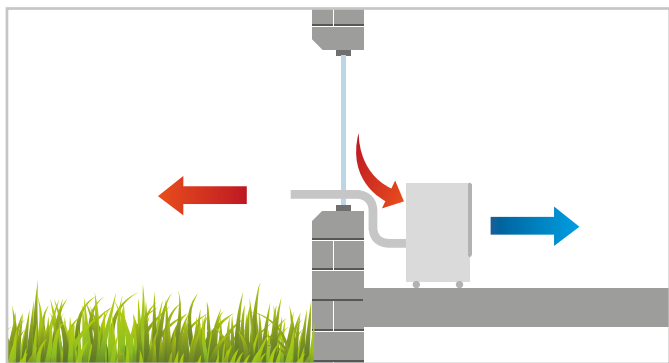
Heat and humid air reduce human performance and concentration. Air-conditioners from REMKO offer a cure. They cool and dehumidify the air in the room and ensure a feeling of well-being in office buildings, doctors offices, boutiques, galleries, holiday apartments, living rooms, bedrooms and anywhere where a comfortable room climate is essential.

Cooling capacity

The following rule of thumb applies when calculating the cooling capacity: Approximately 30 W of cooling capacity are required per cubic meter. The cooling capacity for a room with a surface area of 28 m² and height of 2.5 m can be calculated as follows:

$$28 \text{ m}^2 \times 2.5 \text{ m} \times 30 \text{ W/m}^3 = 2,100 \text{ Watt (2.1 kW)}$$

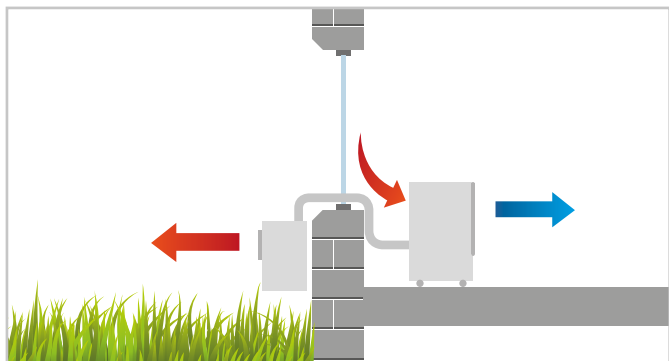
We recommend that you always calculate the cooling capacity for the room precisely.



Compact air conditioners

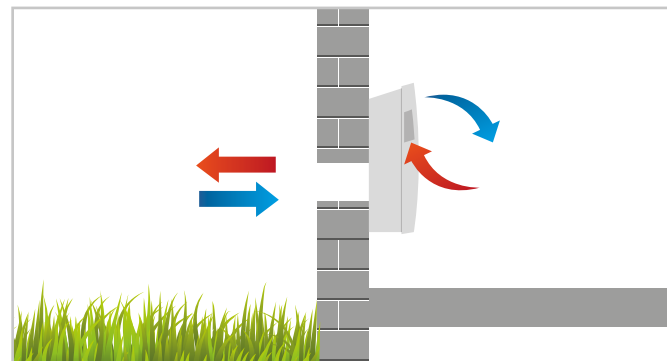
Local units are ideal for spot cooling. The condenser, compressor and evaporator reside in a compact housing.

The intake air is filtered and dehumidified and resupplied to the room. A flexible air outlet tube guides the heat to the outside. You only have to slightly open a door or a window. The moisture is expelled to the outside through the air outlet tube as vaporized condensate water.



Air-conditioner in split design

These air-conditioners consist of units that are located in different places. The condenser unit (outdoor unit) and the evaporator unit (indoor unit) were designed to be separate. The outdoor unit is set up outside, on a balcony, or on the terrace. The two units are connected to one another by a connection line.



Monobloc air-conditioner without outdoor unit

The compact air-conditioner uses 2-hose technology and therefore needs no outdoor unit. The air flows through an air duct. The Monobloc air-conditioner is flexible in every possible application.



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REMKO MKT ECO SERIES

Local air-conditioners in a compact design

NEW

With environmentally friendly refrigerant R290



REMKO MKT ECO SERIES

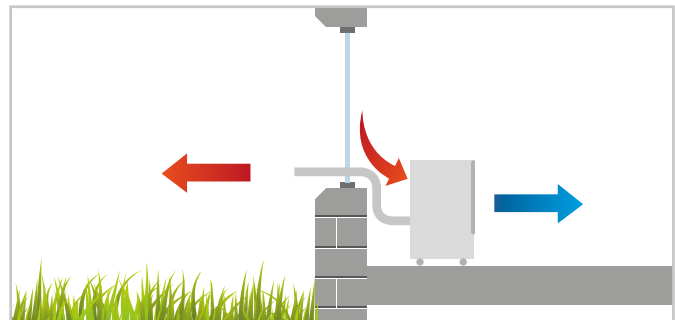
Ready to use anytime, anywhere - no installation needed

The MKT ECO Series mobile air conditioner is ideal if you need a flexible air-conditioning solution. The S-Line series convinces with its modern optics in a trendy silver colour. This unit, with its four wheels and flexible air outlet hose, can be used anywhere. You just need a place to plug it in. Its high cooling capacity ensures that heat remains outside. All functions are controlled electronically.

- High cooling capacity
- Ready for immediate operation
- Digital display of temperature and timer time
- Programmable timer function for activation and deactivation times
- Lightweight, requiring minimum space for setup
- Environmentally friendly refrigerant R290
- Removable air filter
- 3 selectable fan speeds
- Two independently operating fan motors
- With infrared remote control in the standard version
- Automatic condensate removal
- Compact design
- Storage compartment for remote control
- Display of operating state by LED



Practical storage compartment for supplied remote control.



The intake air is filtered, dehumidified and cooled and then resupplied to the room. As soon as the desired room temperature is reached, the fresh air fan switches off. Regardless, the indoor fan constantly circulates the room air. A flexible air outlet tube conducts heat and moisture to the outside. You only have to slightly open a door or a window.



Technical Data

Unit type		MKT 255 Eco	MKT 295 Eco
Cooling capacity	kW	2.6	2.9
Energy efficiency class		A	A
Energy efficiency size EER		2.6	2.6
Energy consumption, hourly	kWh	1.0	1.1
Refrigerant ²⁾		R290	R290
Basic filling volume / CO ₂ equivalent	kg/t	0.3/0.0	0.3/0.0
Fan speeds		3	3
Air flow rate per speed setting	m ³ /h	230/290/325	260/330/340
Max. dehumidification capacity	l/h	2.5	3.0
Usage area (room size) approx.	m ³	80	90
Sound pressure level per speed setting ¹⁾	dB(A)	49/50/51	49/50/51
Max. sound power level	dB(A)	65	65
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50
Power consumption	kW	1.0	1.1
Air outlet tube, length	mm	1500	1500
Air outlet tube Ø	mm	150	150
Dimensions height/width/depth	mm	745/455/395	745/455/395
Weight	kg	30.5	32.0
Compact unit Colour white			
Ref. no.		1616255	1616295
Compact unit S-Line Colour silver			
Ref. no.		1616256	1616296

¹⁾ Distance of 1 m in the open air ²⁾ GWP = 3

Accessories

Unit type		MKT 255 Eco	MKT 295 Eco
Wall lead-through for air outlet tube		1613112	1613112

REMKO RKL ECO SERIES

Local air-conditioners in a compact design

NEW

With environmentally friendly refrigerant R290

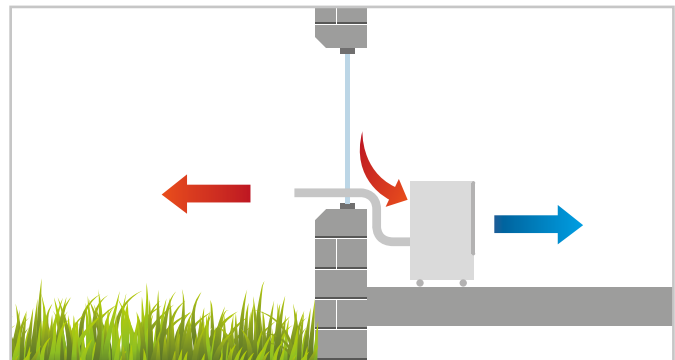


REMKO RKL ECO SERIES

High-performance spot cooler

Working and living areas can be cooled in a targeted manner using the mobile air conditioners RKL 300 Eco and RKL 360 Eco. The S-Line series convinces with its modern optics in a trendy silver colour. The condenser, compressor, and evaporator reside in a compact housing in the case of these small, flexible air-conditioners.

- High cooling capacity
- Ready for immediate operation
- Compact design
- Environmentally friendly refrigerant R290
- Easy and efficient automatic dehumidification
- Practical electronic system for operation with digital display of temperature and other operating modes
- Air outlet with swing function
- Removable air filter
- Two independently operating fan motors
- Gradually adjustable air outlet direction
- Automatic condensate removal
- With infrared remote control in the standard version
- Programmable 24-hour timer function



The intake air is filtered, dehumidified and cooled and then resupplied to the room. As soon as the desired room temperature is reached, the fresh air fan switches off. Regardless, the indoor fan constantly circulates the room air. A flexible air outlet tube conducts heat and moisture to the outside. You only have to slightly open a door or a window.



Technical data

Unit type		RKL 300 Eco	RKL 360 Eco
Cooling capacity	kW	3.1	3.5
Energy efficiency class		A	A
Energy efficiency size EER		3.0	2.9
Energy consumption, hourly	kWh	1.0	1.2
Refrigerant ²⁾		R290	R290
Basic filling volume / CO ₂ equivalent	kg/t	0.22/0.00	0.25/0.00
Fan speeds		3	3
Air flow rate per speed setting	m ³ /h	280/340/410	280/340/410
Exhaust air flow	m ³ /h	410	410
Max. dehumidification capacity	l/h	1.14	1.65
Usage area (room size) approx.	m ³	90	100
Sound pressure level per speed setting ¹⁾	dB(A)	48/50/52	49/51/53
Max. sound power level	dB(A)	64	65
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50
Power consumption	kW	1.0	1.2
Air outlet tube, length	mm	1500	1500
Air outlet tube Ø	mm	150	150
Dimensions height/width/depth	mm	840/450/380	840/450/380
Weight	kg	38.0	38.0
Compact unit Colour white			
Ref. no.		1616300	1616360
Compact unit S-Line Colour silver			
Ref. no.		1616301	1616361

¹⁾ Distance of 1 m in the open air ²⁾ GWP = 3

Accessories

Unit type	RKL 300 Eco	RKL 360 Eco
Wall lead-through for air outlet tube	1613118	1613118

REMKO RKL DC SERIES

Local air-conditioners in a split design

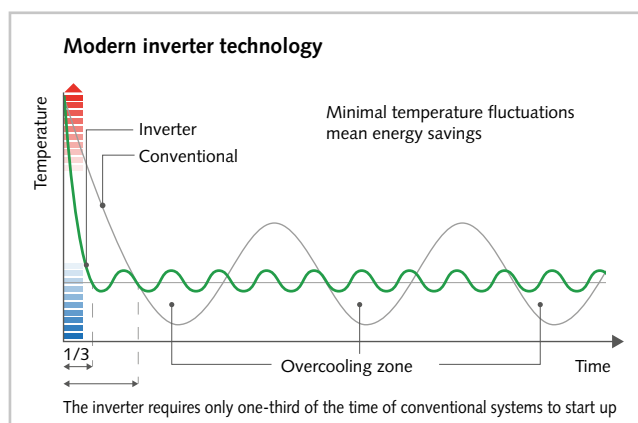


REMKO RKL DC SERIES

High cooling capacity

The REMKO air-conditioner in a split design consists of a condenser unit (outdoor unit) and an evaporator unit (indoor unit). The inverter technology provides maximum comfort as temperature fluctuations in exiting air are reduced to a minimum. All units in the series are equipped with a suspension unit which allows it to be attached to an outside wall. The S-Line series convinces with its modern optics in a trendy silver colour.

- Inverter technology
- Refrigerant, total length 3 m, removable using quick coupling system
- Programmable 24-hour timer function
- Air outlet with swing function
- Gradually adjustable air outlet direction
- Removable air filter
- Practical electronic system for operation with digital display of temperature and other operating modes
- Universal use
- Compact design requiring minimum space for setup
- With infrared remote control in the standard version
- Integrated condensate pump





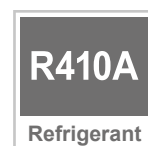
Technical data

Unit type		RKL 495 DC
Cooling capacity	kW	4.3 (1.8-4.6)
Energy efficiency class		B
Energy efficiency size EER		4.7
Energy consumption, annual, Q _{CE}	kWh	318
Refrigerant ³⁾		R32
Basic filling volume / CO ₂ equivalent	kg/t	0.97/0.66
Cooling power consumption	kW	1.37
Usage area (room size) approx.	m ³	120
Operating range, indoor unit	°C	+16 to +30
Operating range, outdoor unit	°C/% rel. hum.	+21 to +43/35-65
Air flow rate of indoor unit per speed setting	m ³ /h	350/450/550
Air flow rate of outdoor unit per speed setting	m ³ /h	750/930
Sound pressure level of indoor unit per speed LpA ¹⁾	dB(A)	47/50/54
Sound power max. indoor unit/outdoor unit	dB(A)	57/62
Voltage supply	V/Ph/Hz	230/1~/50
Length of the refrigerant line, max. ²⁾	mm	3000
Refrigerant line diameter	mm	39
Dimensions of indoor unit height/width/depth	mm	695/470/335
Dimensions of outdoor unit height/width/depth	mm	490/510/230
Weight indoor/outdoor unit	kg	38.0/12.0
Split unit Colour white		
Ref. no.		1616495
Split unit S-Line Colour silver		
Ref. no.		1616496

¹⁾ Distance of 1 m in the open air ²⁾ usable length 2300 mm ³⁾ GWP = 675

REMKO KWT DC SERIES

Monobloc air-conditioners | Wall chests without outdoor unit for cooling and heating

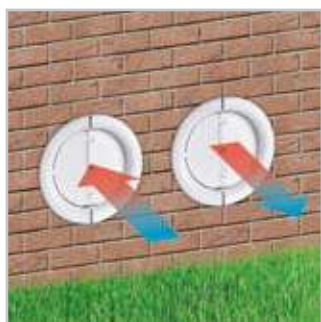


REMKO KWT DC SERIES

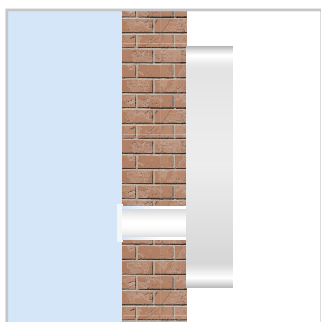
Easy installation and high energy efficiency due to inverter technology

The compact air-conditioner of the KWT series persuades through state-of-the-art inverter technology. In the process, it does not need an outdoor unit. For installation, only two holes are required in the wall. Thanks to the integrated heat pump function, the air-conditioner works reliably in cooling and heating operation at outdoor temperatures down to -5°C . The unit is provided ready for plug-in with all mounting materials. This makes installation especially easy and flexible.

- Easy wall installation
- Inverter air-conditioner without outdoor unit
- Immediately ready for operation
Plug-and-play – ready for plug-in
- Programmable 24-hour timer function
- With infrared remote control and integrated touch display in the standard version
- 3 fan speeds and automatic operation
- Air outlet with swing function



Subdued 2-hose technology replaces the outdoor unit



Easy wall installation without outdoor unit



Rain cover set made of stainless steel for air inlet / outlet



Technical data

Unit type		KWT 240 DC
Cooling capacity	kW	2.35 (0.9-3.1)
Energy efficiency class - cooling		A+
Energy efficiency size EER		3.22
Heating capacity	kW	2.36 (1.1-2.7)
Energy efficiency class - heating		A
Energy efficiency size COP		3.28
Refrigerant ¹⁾		R410A
Basic filling volume / CO ₂ equivalent	kg/t	0.56/1.17
Cooling / heating power consumption	kW	0.73/0.72
Usage area (room size) approx.	m ³	80
Adjustment range	°C	+16 to +31
Operating range, cooling	°C	-5 to +43
Operating range, heating	°C	-5 to +24
Recirculating air flow rate per speed setting	m ³ /h	270/320/400
Sound pressure level min.-max. ²⁾	dB(A)	27-41
Max. sound power	dB(A)	58
Voltage supply	V/Ph/Hz	230/1~/50
Diameter of air channel	mm	160
Max. length of air channel	m	1
Condensate drain connection Ø	mm	15
Dimensions height/width/depth	mm	555/1030/170
Weight	kg	49.0
Ref. no.		1609240

¹⁾ GWP = 2088 ²⁾ According to standard EN 12102

Accessories

Unit type		KWT 240 DC
Rain protection hood set, stainless steel		
incl. insect screens for air inlet/outlet		1609249
Cover for the bottom of the unit		
for mounting onto the upper wall area		1609248



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