

LOCAL AIR-CONDITIONERS

Ready to use anytime, anywhere

Local air-conditioners

Compact design | split design

Monobloc air-conditioners

Wall chests without outdoor unit

Air-conditioning packages

Wall-mounted units in split design
Wall units with quick-release coupling



Issue 2019-2



REMKO THE SYSTEM PROVIDER

About REMKO

REMKO is a globally active company for heating and air-conditioning technology. Our highly efficient product range comprises hot air heating systems, dehumidifiers, air-conditioning systems and air-conditioners, as well as future-looking heat pumps. Since 1976, we have grown consistently with the requirements of our customers as a medium-sized company. Extensive experience, innovative product development and reliable service are our strengths when it comes to needs-based solutions in the areas of heating, air-conditioning and dehumidifying.

Our quality claim

With our products, we do not orient ourselves on existing solutions, but rather we develop and implement our own innovative technical concepts. In the process, our high quality standards for our products has been the foundation of REMKO's success for over 40 years. In cooperation with recognised testing institutes, all REMKO products are tested on our in-house test stands according to the latest European standards. Certificates confirm our sustainable quality assurance system.

Services

With our CheckServ offering and a well-developed network of qualified expert partners, we guarantee competent consultation and reliable support. From planning to installation and subsequent maintenance, we are available to our customers as a reliable contact partner at all times. If a malfunction occurs, our emergency service team is happy to help.

Spare part service

In addition to accessory articles, REMKO offers spare parts for all its products that the customer can order conveniently online. The spare part search can also be used to find spare parts for older models. The quickest possible delivery is naturally part of the service provided by REMKO.

https://www.remko.de/en/spare-part-search/



AIR-CONDITIONING

Air-conditioners
Chilled water air-conditioning systems



HEAT

Mobile hot air heating systems Stationary hot air heating systems



NEW ENERGIES

Heat pumps Modular power houses

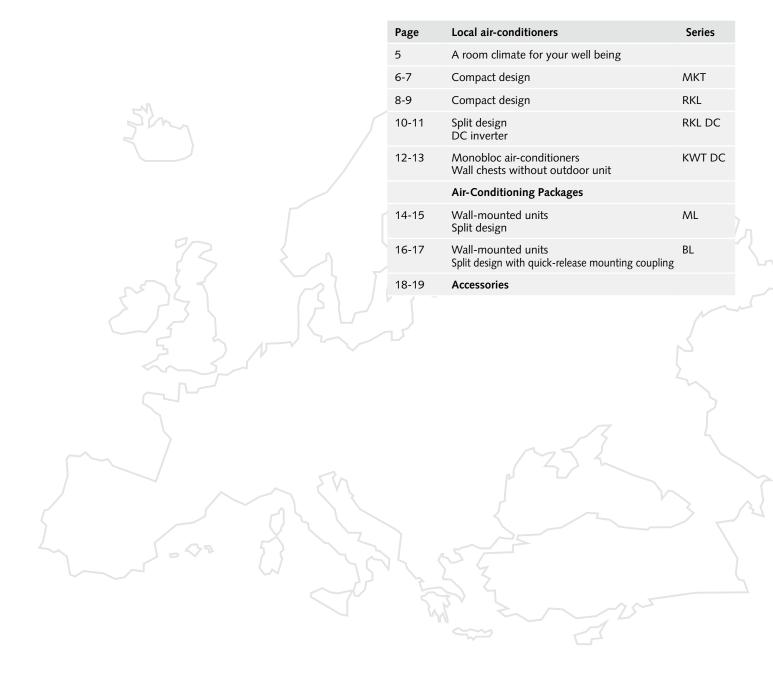


DEHUMIDIFICATION

Dehumidifiers High-performance fans



CONTENTS





AIR-CONDITIONERS

Create a room climate for your well-being

Air-conditioning comfort for "feel good" rooms

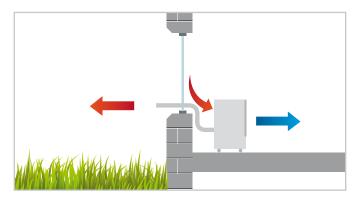
Heat and humid air reduce human performance and concentration. Air-conditioners from REMKO offer a cure. They cool and dehumidify the air in the room and ensure a feeling of well-being in office buildings, doctors offices, boutiques, galleries, holiday apartments, living rooms, bedrooms and anywhere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

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

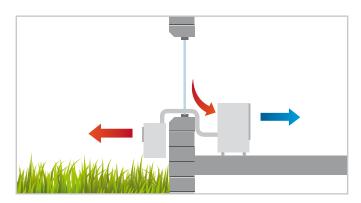
We recommend that you always calculate the cooling capacity for the room precisely.



Compact air conditioners

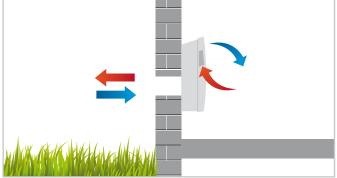
Local units are ideal for spot cooling. The condenser, compressor and evaporator reside in a compact housing.

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.

REMKO MKT SERIES

Local air conditioners in a compact design



REMKO MKT SERIES

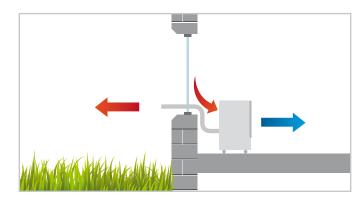
Ready to use anytime, anywhere - no installation needed

The MKT 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
- Removable air filter
- 3 selectable fan speeds
- With infrared remote control in the standard version
- Automatic condensate removal
- Compact design
- Display of operating state by LED







The intake air is filtered and dehumidified and then 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.



Unit type		MKT 251	MKT 291
Cooling capacity	kW	2.6	2.9
Energy efficiency class		A	A
Energy efficiency size EER		2.6	2.6
Energy consumption, hourly	kWh	0.99	1.11
Refrigerant 2)		R410A	R410A
Basic filling volume / CO2 equivalent	kg/t	0.50/1.04	0.65/1.36
Fan speeds	, and the second	3	3
Max. air flow rate	m³/h	320	320
Max. dehumidification capacity	l/h	1.6	1.8
Usage area (room size) approx.	m³	80	90
Sound pressure level per speed setting 1)	dB(A)	49/52/53	49/53/54
Max. sound power level	dB(A)	62	64
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50
Power consumption	kW	0.99	1.11
Air outlet tube, length	mm	1500	1500
Air outlet tube Ø	mm	150	150
Dimensions - height/width/depth	mm	770/435/430	770/435/430
Weight	kg	33.0	33.0
Compact unit colour white			
Ref. no.		1612255	1612295
Compact unit S-Line colour silver			
Ref. no.		1612256	1612296

 $^{^{1)}}$ Distance of 1 m in the open air $^{2)}$ GWP = 2088

Unit type	MKT 251	MKT 291	
, ,	11 = 1		
Wall lead-through			
For air outlet tube	1613115	1613115	

REMKO RKL SERIES

Local air conditioners in a compact design



REMKO RKL SERIES

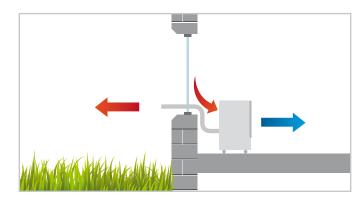
High-performance spot cooler

Working and living areas can be cooled in a targeted manner using the mobile air conditioners RKL 300 and RKL 360. 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
- 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
- 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 and dehumidified and then 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.



Unit type		RKL 300	RKL 360
Cooling capacity	kW	3.2	3.6
Energy efficiency class		A	A
Energy efficiency size EER		2.8	2.7
Energy consumption, hourly	kWh	1.13	1.33
Refrigerant 2)		R410A	R410A
Basic filling volume / CO ₂ equivalent	kg/t	0.70/1.46	0.70/1.46
Fan speeds		3	3
Max. air flow rate	m³/h	450	450
Max. dehumidification capacity	l/h	2.0	2.1
Usage area (room size) approx.	m³	90	100
Sound pressure level per speed setting 1)	dB(A)	49/51/53	49/51/53
Max. sound power level	dB(A)	61	61
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50
Power consumption	kW	1.13	1.33
Air outlet tube, length	mm	1500	1500
Air outlet tube Ø	mm	140	140
Dimensions - height/width/depth	mm	840/450/380	840/450/380
Weight	kg	35.0	35.0
Compact unit colour white			
Ref. no.		1615300	1615360
Compact unit S-Line colour silver			
Ref. no.		1615301	1615361

¹⁾ Distance of 1 m in the open air $^{2)}$ GWP = 2088

Unit type	RKL 300	RKL 360	
, i			
Wall lead-through			
For air outlet tube	1613118	1613118	

REMKO RKL DC SERIES

Local air-conditioners in a split design







Modern inverter technology Minimal temperature fluctuations mean energy savings Conventional Overcooling zone Time The inverter requires only one-third of the time of conventional systems to start up.

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



Unit type		RKL 491 DC
Cooling capacity	kW	4.3 (1.8-4.6)
Energy efficiency class		В
Energy efficiency size EER		4.6
Energy consumption, annual, QCE	kWh	346
Refrigerant 3)		R410A
Basic filling volume / CO ₂ equivalent	kg/t	1.08/2.26
Cooling power consumption	kW	1.31
Usage area (room size) approx.	m³	120
Operating range – indoor unit	°C	+16 to +30
Operating range - outdoor unit	°C/% rel. hum.	+21 to +43/35-65
Air flow rate per speed setting	m³/h	380/520/600
Sound pressure level of indoor unit per speed LpA 1)	dB(A)	45/48/54
Max. sound power indoor unit/outdoor unit	dB(A)	59/64
Voltage supply	V/Ph/Hz	230/1~/50
Length of the refrigerant line, max. 2)	mm	3000
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	35.0/14.0
Split unit colour white		
Ref. no.		1615490
Split unit S-Line colour silver		
Ref. no.		1615491

 $^{^{1)}}$ Distance 1 meter in open air $^{2)}$ Usable length 2,300 mm $^{3)}$ GWP = 2088

REMKO KWT SERIES

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







REMKO KWT 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 protection hood set for air inlet/outlet



Insect protection grille for air inlet



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	KVV	A
Energy efficiency size COP		3.28
Refrigerant 1)		R410A
Basic filling volume / CO₂ equivalent	kg/t	0.56/1.17
Cooling / heating power consumption	kW	0.73/0.72
Usage area (room size) approx.	m³	80
Adjustment range	°C	+16 to +31
Operating range, cooling	°C	-5 to +43
Operating range, heating	°C	-10 to +24
Recirculating air flow rate per speed setting	m³/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

Unit type	KWT 240 DC
Rain protection hood set for air inlet/outlet	
	1609247
Insect protection grille for air inlet	
	1609246

REMKO ML SERIES

Air-conditioning packages | Wall-mounted units in a split design







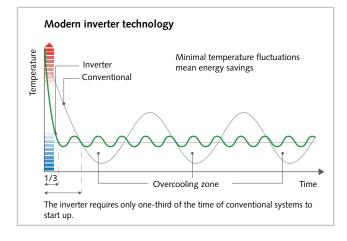


REMKO ML SERIES

Simple installation above doors or at the top of walls

The units cool, filter, and dehumidify humid air in the room. The outdoor component can be individually positioned. Outside on the ground, mounted on the wall, on the roof or in well-ventilated areas.

The inverter technology used in the REMKO ML series guarantees a comfortable room climate in combination with low energy costs. The integrated inverter condenser modulates and thereby ensures minimal temperature fluctuation.



- Automatic restart after power failure
- 3D swing function with horizontal and vertical air distribution
- "Follow me" function for temperature reconciliation between unit and remote controller
- Floating contact for external activation and deactivation
- Programmable 24-hour timer function
- Low-noise unit operation (Silent mode)
- Universal operation with max. 30 m long connecting lines
- Frost protection function heating with set value of 8°C
- The outdoor units are filled with R32 refrigerant at the factory (line length up to 5 m).

- Refrigerant lines
- Wall and floor brackets
- Condensate pumps
- Cabled remote control



Unit type		ML 265 DC	ML 355 DC	ML 525 DC
Cooling capacity	kW	2.6 (0.9-3.2)	3.5 (0.8-4.2)	5.3 (1.7-6.2)
Energy efficiency class - cooling		A++	A++	A++
Energy efficiency size SEER		7.1	7.5	6.7
Energy consumption, annual, QCE	kWh	128	175	290
Heating capacity	kW	2.6 (0.9-3.7)	2.8 (0.8-4.8)	5.3 (1.1-7.0)
Energy efficiency rating for heating 1)		A+	A+	A+
Energy efficiency size SCOP 1)		4.0	4.2	4.0
Energy consumption, annual, QHE1)	kWh	875	922	1365
Refrigerant 4)		R32	R32	R32
Basic filling volume / CO ₂ equivalent	kg/t	0.70/0.47	0.80/0.54	1.25/0.84
Usage area (room size) approx.	m³	80	110	160
Operating range – indoor unit	°C/% rel.	+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65
Oti	hum. °C	+5 to +50	+5 to +50	+5 to +50
Operating range - outdoor unit - cooling 3)	°C			
Operating range - outdoor unit - heating 3)		+5 to +30	+5 to +30	+5 to +30
Air flow rate indoor unit max.	m³/h	259/429/521	294/478/539	420/505/750
Sound pressure level per speed - indoor unit 2)	dB(A)	22/30/37	22/30/38	27/33/42
Sound pressure level, Silent/Turbo mode 2)	dB(A)	20/39	21/41	26/45
Max. sound power indoor unit/outdoor unit	dB(A)	53/58	55/60	57/64
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50	230/1~/50
Refrigerant connection, injection pipe	Inch	1/4	1/4	1/4
Refrigerant connection, suction pipe	Inch	3/8	3/8	1/2
Condensate drain connection Ø	mm	18	18	18
Max. refrigerant line length/height	m	25/10	25/10	30/20
Dimensions - indoor unit H/W/D	mm	290/722/187	297/802/189	319/965/215
Dimensions - outdoor unit H/W/D	mm	555/770/300	555/770/300	554/800/333
Weight – indoor/outdoor unit	kg	7.4/26.4	8.2/26.5	9.0/37.0
Ref. no.		1635265	1635355	1635525

 $^{^{1)}}$ Average temperature period $^{2)}$ Distance 1 m in open air $^{3)}$ Expandable to -15°C with WRH-1 or WRK-1 $^{4)}$ GWP = 675

REMKO BL SERIES

Air-conditioning packages | Wall-mounted units in a split design with quick-release mounting couplings











REMKO BL SERIES

The entire system in a split design

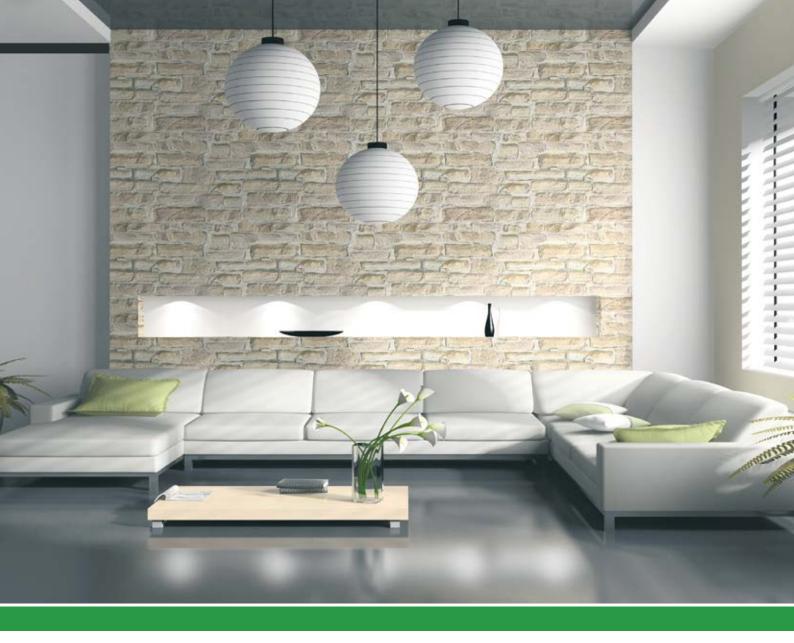
With the quick-release coupling, a problem-free installation of the units is possible. The devices cool, filter, and dehumidify humid air in the room. The outdoor component can be individually positioned. Outside on the ground, mounted on the wall, on the roof or in well-ventilated areas. Due to the simple connection of the refrigerant line using the quick-release system, the units can be used very flexibly. The inverter technology used in the REMKO BL series guarantees a comfortable room climate in combination with low energy costs. The integrated inverter condenser modulates and thereby ensures minimal temperature fluctuation.



Easy mounting due to separately available connection set

- Swing function with horizontal air distribution
- "Follow me" function for temperature reconciliation between unit and remote controller
- Removable air filter
- Programmable 24-hour timer function
- Low-noise unit operation (Silent mode)
- Frost protection function heating with set value of 8°C
- The outdoor units are filled with R410A refrigerant at the factory.

- Connection set, including quick-release coupling, available with lengths of 3 m, 5 m or 8 m
- Temperature-controlled winter fan speed control for heating operation to -15°C
- Wall and floor brackets
- Condensation pump



Unit type BL 263 DC Cooling capacity kW 2.6 (0.7-3.2) Energy efficiency class - cooling A	3.5 (1.1-4.1) A++ 6.2
	6.2
Energy efficiency size SEER 5.2	6.2
Energy consumption, annual, Qce kWh 175	198
Heating capacity kW 2.3 (0.8-3.4)	2.4 (0.9-4.3)
Energy efficiency rating for heating 1) A+	A+
Energy efficiency size SCOP 1) 4.0	4.0
Energy consumption, annual, Q _{HE} 1) kWh 805	840
Refrigerant ⁴⁾	R410A
Basic filling volume / CO2 equivalent kg/t 0.7/1.5	0.7/1.5
Usage area (room size) approx. m ³ 80	110
Operating range – indoor unit °C/% rel. hum. +17 to +30/35-6	65 +17 to +30/35-65
Operating range – outdoor unit – cooling °C +5 to +50	+5 to +50
Operating range - outdoor unit - heating 3) °C +5 to +30	+5 to +30
Air flow rate per speed setting m ³ /h 270/320/420	370/470/570
Sound pressure level per speed - indoor unit ²⁾ dB(A) 30/36/41	28/35/42
Sound pressure level, Silent/Turbo mode ²⁾ dB(A) 24/42	23/43
Max. sound power indoor unit/outdoor unit dB(A) 54/58	54/60
Voltage supply V/Ph/Hz 230/1~/50	230/1~/50
Condensate drain connection Ø mm 18	18
Length of the refrigerant line m 3/5/8	3/5/8
Dimensions of indoor unit, height/width/depth mm 285/715/194	285/805/194
Dimensions of outdoor unit, height/width/depth mm 555/770/300	555/770/300
Weight – indoor/outdoor unit kg 6.7/26.3	7.1/25.7
Ref. no. 1629265	1629355

 $^{^{1)}}$ Average temperature period $^{2)}$ Distance 1 m in open air $^{3)}$ Expandable to -15°C with WRH-1 $^{4)}$ GWP = 2088

ACCESSORIES

Air-Conditioning Packages



Refrigerant lines, running metreFor connecting static room air conditioning units

for indoor use with outdoor units. Knurled, including union nuts and system-adapted refrigerant filling.

For unit type	Ø	Ref. no.
ML 265-355 DC	1/4/3/8	1613181
ML 525 DC	1/4/1/2	1613193



Refrigerant lines, 25 m ring

For the connection of stationary indoor air-conditioners and outdoor units.

	Ø	Ref. no.
25 m ring	1/4	1613055
25 m ring	3/8	1613056
25 m ring	1/2	1613057



Connection set

Including quick-release coupling.

For unit type	Length	Ref. no.
BL 263-353 DC	3 m	1629243
BL 263-353 DC	5 m	1629245
BL 263-353 DC	8 m	1629248



Wall brackets

For mounting to suitable faces and masonry, including vibration dampers

For unit type	Bracket	Ref. no.
ML 265-355 DC	WKM-500	1613122
ML 525 DC	WKM-600	1613123
BL 263-353 DC	WKM-500	1613122
Sound insulation	set	1613900



Floor brackets BK-500

Suited for the stable installation of the outdoor units

For unit type	Ref. no.
ML 265-525 DC	1613190
RI 263-353 DC	1613190



Floor bracket BK-600 Plus

Robust floor bracket with high intrinsic weight and good damping properties.

For unit type	Ref. no.
ML 265-525 DC	1613127
BL 263-353 DC	1613127



Condensate tube, loose, 6 mm Ø

Suited for connection to condensate pump KP-8, KP-6 and KP-6U.

	Ref. no.
100 m	1613065
20 m	1613066
Running metre	1613067



Condensate tube

Suitable for 16 and 18 mm connection ports, ivory-coloured, 16 mm \emptyset .

	Ref. no.
50 m	1613052
Running metre	1613053



Condensate drip tray including oil separator

Made of aluminium for the outdoor unit, including temperature-controlled condensate drainage heating, leaf guard grating, and oil separator.

For unit type	Ref. no.
ML 265-525 DC	1613232
BL 263-353 DC	1613232



Condensate pump KP-6

Only intended for vertical installation and removal of condensate through the ceiling in conjunction with wall-mounted units. including cable duct for surface mounting. The cable duct is 75 cm long.

For unit type	Ref. no.
ML 265-525 DC	1613050
BL 263-353 DC	1613050



Condensate pump KP-6U

High-performance, variably usable on the right or left bottom side of the unit. Pump delivery: max. 20 l/h, pump head: max. 10 m, colour: RAL 9003 Mounting under wall-mounted air conditioners.

For unit type	Ref. no.
ML 265-525 DC	1613064
BL 263-353 DC	1613064



Condensate pump KP-8

For draining condensate. With reservoir, alarm contact, and connecting tubes in the standard version. Compact and powerful, pump delivery: max. 10 l/h, pump head: max. 10 m, protection class IP 54

For unit type	Ref. no.
ML 265-525 DC	1613125
BL 263-353 DC	1613125



Flush-mounted box

White plastic housing for flush mounting, including cover plate, condensate connection port and condensate drip tray with condensate connection. Also ideally suited for accommodating an external condensate pump, e.g. REMKO KP-8

For unit type	Ref. no.
ML 265-525 DC	1613051
BL 263-353 DC	1613051



Winter fan speed control WRH-1

For heating operation in the winter, installed in the outdoor unit.

For unit type	Ref. no.
ML 265-525 DC	1613134
BL 263-353 DC	1613134



Winter fan speed control WRK-1

For heating operation in the winter, installed in the outdoor unit.

or unit type	Ref. no.
ML 265-525 DC	1613133



Wall bushing

For the simplified laying of connecting lines through the masonry.

Refrigerant lines: max. Ø ½ "

Condensate tubes: max. Ø 16 mm

For unit type	Ref. no.
ML, BL	1613063



Union nuts

For attaching refrigerant lines.
Brass component for refrigeration applications.

Ø	Ref. no.
1/4	1106380
3/8	1106381
1/2	1106382



Only for refrigerant lines fitted on site

Service fees for refilling refrigerant at the factory as of a pipe length of 5 m.

	Ref. no.
Single-split outdoor units	992560



REMKO QUALITY WITH SYSTEMS

Climate | Heating | New energies

REMKO GmbH & Co. KG Klima- und Wärmetechnik

Im Seelenkamp 12 32791 Lage Phone +49 (0) 5232 606-0 Fax +49 (0) 5232 606-260

E-mail info@remko.de Internet www.remko.de **Hotline within Germany** +49 (0) 5232 606-0

International hotline +49 (0) 5232 606-130

