

# COMFORT AIR-CONDITIONERS

Create a room climate for your well-being

## Comfort Air-Conditioners

### DC Inverters

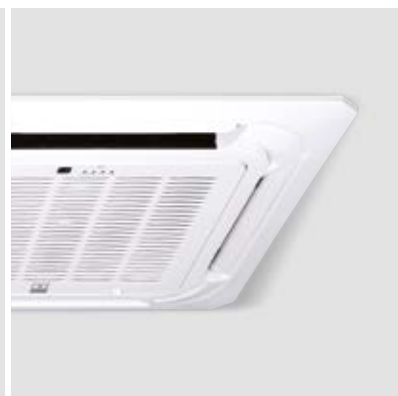
Design wall-mounted units

Wall-mounted units

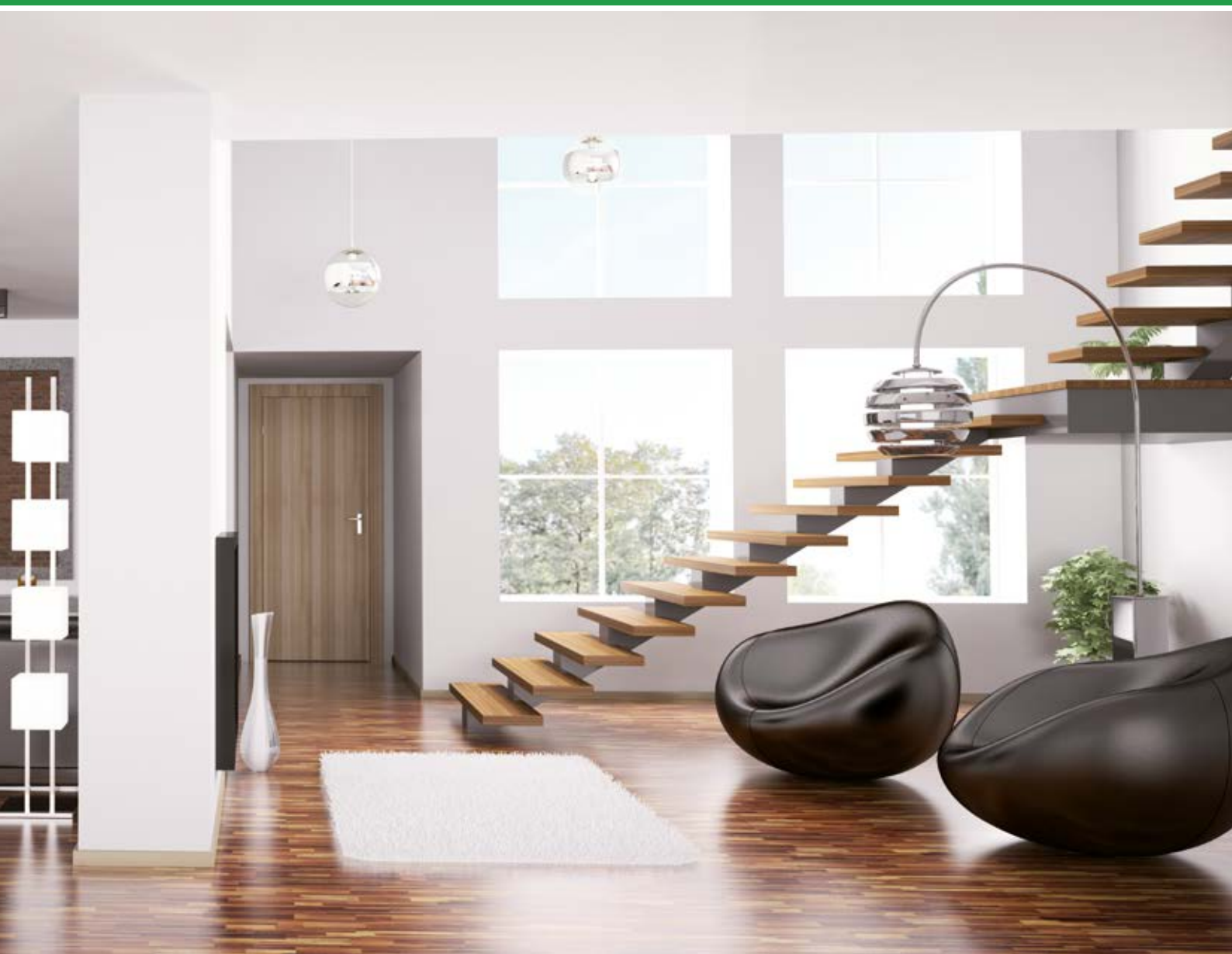
Ceiling cassettes

Wall and ceiling chests

Multisplit air-conditioning systems



Issue 2019



# 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.

## 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.

## 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.

## 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/ersatzteil-suche/>



## AIR-CONDITIONING

Air-Conditioners  
Cold 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



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# COMFORT AIR-CONDITIONERS

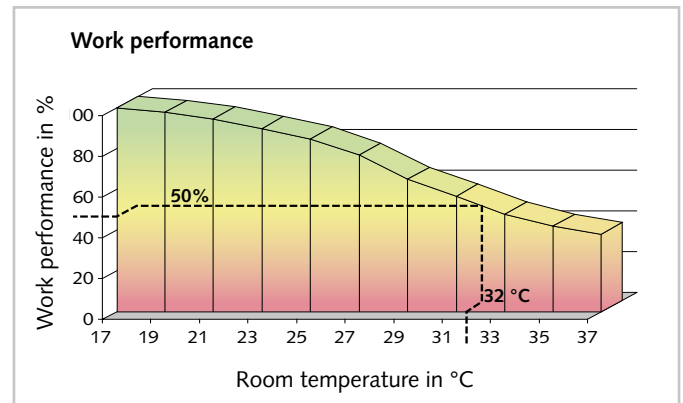
Reduce energy consumption through better efficiency

## For better well-being

Heat and humid air reduce human performance and concentration. Once the room temperature reaches 22°C, your productivity drops by 5%, and then drops a further 5% with every Celsius degree increase. Everyone knows how often this temperature limit will be exceeded in the summer. Don't let hot summer temperatures limit your productivity and comfort.

## Stay fit and healthy

Our indoor air is often loaded with dust, pollen and bacteria. REMKO air conditioning units feature an integrated air filter, which significantly improves air quality, and is thus crucial for a healthy indoor climate.



## The "Raumklimageräte" (Air-Conditioner) quality seal\*

Leading companies from the room airconditioning branch have jointly developed a quality seal with the FGK [Professional Institute of Air Conditioning in Buildings], which guarantees a high standard of quality for room air conditioners and service.

### Tested quality criteria

- Adherence to the assured performance data
- Performance specifications under standard conditions
- High energy efficiency
- Acoustic data
- Planning support
- Spare parts supply
- Training
- Technical qualification of the distributor

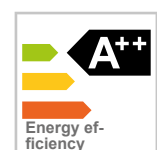
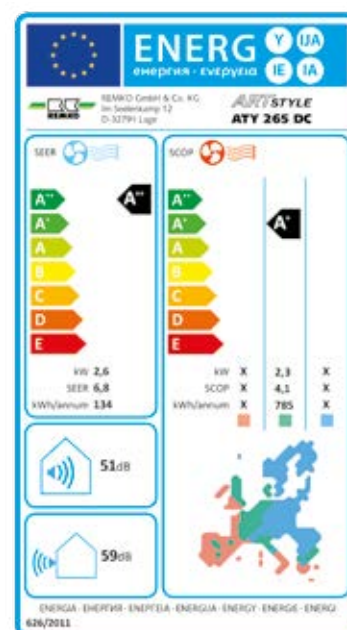


\* More information can be found under [www.qualitaetssiegel-raumklimageraete.de](http://www.qualitaetssiegel-raumklimageraete.de)

## The energy efficiency ratings

The label shows 7 energy efficiency ratings from A++ to E. In energy consumption, the unit with the lowest energy consumption is one with energy efficiency rating A++. The consumer can thus check the energy efficiency of the air-conditioner quickly and without technical details.

REMKO air-conditioners with the special R410A refrigerant offer the best energy efficiency.



# REMKO ATY SERIES

Design wall-mounted units for cooling or heating



## REMKO ATY SERIES

### Design that fits the ambience

The exclusive high-gloss design with real-glass, mirrored front panel and high level of comfort differentiate our ARTstyle range from traditional air conditioning units and blend them harmonious into every room of your home. Thanks to state-of-the-art inverter technology, our air-conditioners work very efficiently and quietly. This translates to maximum comfort, as temperature fluctuations in exiting air are reduced to a minimum.



Motorised unit cover for discreet design in standby mode



LED indicators. Colour change depending on operating mode  
Cooling and heating

- Anthracite design housing with real glass mirror front panel
- Automated deactivation of the lighting when dark through integrated light sensor
- 3D swing function with horizontal and vertical air distribution
- Programmable 24-hour timer function
- Integrated ion generator for improving room air
- 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 (line length up to 5m).
- Also available as a multisplit solution (see multisplit air-conditioning systems)

### Accessories

- Temperature-controlled winter fan speed control for cooling operation to -15 °C
- Temperature-controlled winter fan speed control for heating operation to -20°C
- Condensation pump
- Cabled remote control



## Technical data

Unit type		ATY 265 DC	ATY 355 DC	ATY 525 DC
Cooling capacity	kW	2.6 (1.2 - 3.3)	3.5 (1.3 - 4.5)	5.3 (1.8 - 6.1)
Energy efficiency class - cooling		A++	A++	A++
Energy efficiency size SEER		6.8	6.7	6.6
Energy consumption, annual, Q <sub>CE</sub>	kWh	134	183	281
Heating capacity	kW	2.3 (0.8 - 3.7)	2.7 (1.0 - 4.9)	4.2 (1.4 - 6.7)
Energy efficiency rating for heating <sup>1)</sup>		A+	A+	A+
Energy efficiency size SCOP <sup>1)</sup>		4.1	4.1	4.0
Energy consumption, annual, Q <sub>HE</sub> <sup>1)</sup>	kWh	785	922	1470
Refrigerant <sup>3)</sup>		R410A	R410A	R410A
Basic filling volume / CO <sub>2</sub> equivalent	kg/t	0.80/1.67	0.95/1.98	1.48/3.09
Cooling / heating power consumption	kW	0.71/0.79	1.09/1.12	1.64/1.54
Usage area (room size) approx.	m <sup>3</sup>	80	110	160
Operating range – indoor unit	°C/% rel. hum.	+17 to +32/35-65	+17 to +32/35-65	+17 to +32/35-65
Operating range - outdoor unit - cooling <sup>4)</sup>	°C	+5 to +50	+5 to +50	+5 to +50
Operating range - outdoor unit - heating <sup>5)</sup>	°C	+5 to +30	+5 to +30	+5 to +30
Air flow rate per speed setting	m <sup>3</sup> /h	240/300/400	270/350/500	480/620/740
Sound pressure level of indoor unit per speed setting <sup>2)</sup>	dB(A)	26/31/37	27/30/37	33/36/40
Sound pressure level, Silent/Turbo mode <sup>2)</sup>	dB(A)	22/39	23/38	26/43
Max. sound power indoor unit/outdoor unit	dB(A)	51/59	51/61	54/63
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
Length of the refrigerant line, max.	m	25	25	30
Height of the refrigerant line, max.	m	10	10	20
Dimensions of indoor unit, height/width/depth	mm	312/897/182	312/897/182	350/1004/205
Dimensions of outdoor unit, height/width/depth	mm	555/770/300	554/800/333	554/800/333
Weight – indoor/outdoor unit	kg	9.5/26.6	9.9/29.1	13.0/37.8
Ref. no.		1624275	1624365	1624455

<sup>1)</sup> Average temperature period

<sup>2)</sup> Distance 1 m in open air

<sup>3)</sup> GWP = 2088

<sup>4)</sup> Expandable to -15°C with WRK2088

<sup>5)</sup> Expandable to -20°C with WRH-1

# REMKO RVT SERIES

Wall-mounted units for cooling or heating



## REMKO RVT SERIES

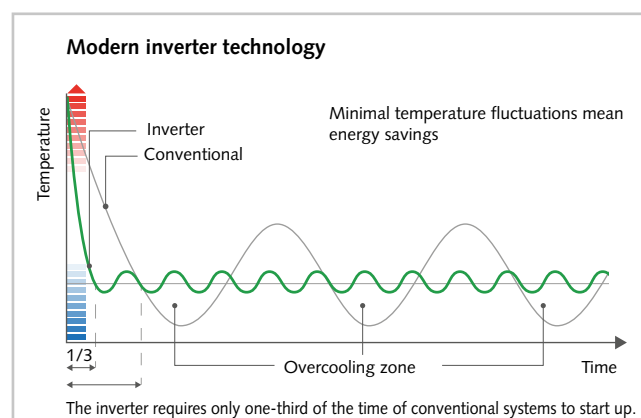
### The ideal combination of comfort and aesthetics

The inverter air-conditioners of the REMKO RVT series function in a particularly efficient and environmentally sound manner thanks to the new refrigerant R32. The indoor units of the RVT series will persuade you with their modern, matt surface. The innovative display is only visible during operation. The display is projected through the housing, therefore stylishly rounding off the design. Due to contacts for external activation and deactivation in the standard version, in addition to an integrated alarm contact, the RVT units are also suitable for the air-conditioning of technical applications.

- 3D swing function with horizontal and vertical air distribution
- Programmable 24-hour timer function
- Floating contacts for external start/stop and alarm forwarding
- Low-noise unit operation (Silent mode)
- Frost protection function – heating with set value of 8°C
- Microprocessor-controlled unit technology
- The outdoor units are filled with R32 refrigerant at the factory (line length up to 5m).

### Accessories

- Temperature-controlled winter fan speed control for cooling operation to -15 °C
- Temperature-controlled winter fan speed control for heating operation to -20 °C
- Redundancy controller KFB-R for technical applications
- Cabled remote control with weekly programme
- Condensation pump







## Technical data

Unit type		RVT 264 DC	RVT 354 DC	RVT 524 DC	RVT 684 DC
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	6.3	7.1	6.6
Energy consumption, annual, Q <sub>CE</sub>	kWh	134	194	261	387
Heating capacity	kW	2.4 (0.8-3.9)	2.5 (0.9-5.1)	4.0 (1.3-7.0)	5.5 (2.1-9.4)
Energy efficiency rating for heating <sup>1)</sup>		A+	A+	A+	A+
Energy efficiency size SCOP <sup>1)</sup>		4.0	4.0	4.0	4.0
Energy consumption, annual, Q <sub>HE</sub> <sup>1)</sup>	kWh	840	875	1400	1925
Refrigerant <sup>5)</sup>		R32	R32	R32	R32
Basic filling volume / CO <sub>2</sub> 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 <sup>3</sup>	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 <sup>3)</sup>	°C	+5 to +50	+5 to +50	+5 to +50	+5 to +50
Operating range - outdoor unit - heating <sup>4)</sup>	°C	+5 to +30	+5 to +30	+5 to +30	+5 to +30
Air flow rate per speed setting	m <sup>3</sup> /h	329/433/486	360/490/550	550/720/810	650/970/1050
Sound pressure level of indoor unit per speed setting <sup>2)</sup>	dB(A)	29/34/41	30/37/41	33/41/45	35/44/46
Sound pressure level, Silent/Turbo mode <sup>2)</sup>	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	1/4	1/4	1/4	3/8
Refrigerant connection, suction pipe	Inch	3/8	3/8	1/2	5/8
Condensate drain connection Ø	mm	18	18	18	18
Length of the refrigerant line, max.	m	25	25	30	50
Height of the 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 – indoor/outdoor unit	kg	7.5/26.4	8.2/26.5	10.8/37.0	14.3/48.0
Ref. no.		1623710	1623720	1623730	1623740

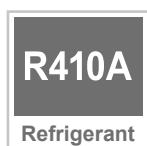
Accessories <sup>1)</sup> Average temperature period <sup>2)</sup> Distance 1 m in open air <sup>3)</sup> Expandable to -15°C with WRK-1 <sup>4)</sup> Expandable to -20 °C with WRH-1 <sup>5)</sup> GWP = 675

# REMKO RVD SERIES

Ceiling cassettes for cooling and heating



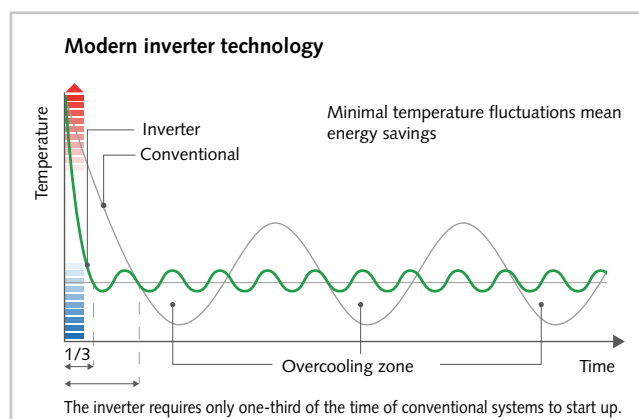
Cassette size  
Series RVD 354-524 DC



## REMKO RVD SERIES

### Powerful and practically invisible

Due to its flat design and its whisper-quiet operation, the RVD series ceiling cassettes are ideal for use in the office. Thanks to the latest inverter technology from REMKO, the ceiling cassettes operate particularly reliably and efficiently.



- Compact dimensions in European grid format (up to RVD 524 DC)
- Quiet operation
- Removable air filter
- Air outlet with swing function
- Programmable 24-hour timer function
- Alarm contact/contact for external release
- Built-in condensate pump (maximum pump head of 500 mm)
- "Follow me" function for temperature reconciliation between unit and remote controller
- The outdoor units are filled with R410A refrigerant at the factory (line length up to 5m).

### Accessories

- With winter fan speed control for cooling and heating operation to -15°C in the standard version
- Redundancy controller KFB-R for technical applications
- Cabled remote control
- Condensation pump



## Technical data

Unit type		RVD 354 DC	RVD 524 DC	RVD 684 DC	RVD 1054 DC
Cooling capacity	kW	3.5 (0.6-4.4)	5.1 (0.8-6.2)	7.0 (1.2-8.2)	10.5 (2.9-12.0)
Energy efficiency class - cooling		A++	A++	A++	A++
Energy efficiency size SEER		6.1	6.3	6.1	6.1
Energy consumption, annual, Q <sub>CE</sub>	kWh	201	283	402	602
Heating capacity	kW	3.6 (0.6-5.1)	4.7 (0.9-7.0)	5.2 (1.2-8.7)	10.1 (2.6-13.2)
Energy efficiency rating for heating <sup>1)</sup>		A+	A+	A+	A+
Energy efficiency size SCOP <sup>1)</sup>		4.0	4.0	4.0	4.0
Energy consumption, annual, Q <sub>HE</sub> <sup>1)</sup>	kWh	1260	1645	1820	3535
Refrigerant <sup>4)</sup>		R410A	R410A	R410A	R410A
Basic filling volume / CO <sub>2</sub> equivalent	kg/t	1.38/2.88	1.48/3.09	1.95/4.07	3.20/6.68
Cooling / heating power consumption	kW	0.96/1.00	1.63/1.50	2.17/1.90	4.06/3.09
Usage area (room size) approx.	m <sup>3</sup>	110	160	230	320
Operating range – indoor unit	°C/% rel. hum.	+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65
Operating range - outdoor unit - cooling <sup>3)</sup>	°C	+5 to +50	+5 to +50	+5 to +50	+5 to +50
Operating range - outdoor unit - heating <sup>3)</sup>	°C	+5 to +24	+5 to +24	+5 to +24	+5 to +24
Air flow rate, indoor unit	m <sup>3</sup> /h	450/530/650	490/550/660	1100/1250/1450	1460/1750/1900
Sound pressure level of indoor unit per speed setting <sup>2)</sup>	dB(A)	34/38/42	38/42/46	39/42/46	47/50/53
Max. sound power indoor unit/outdoor unit	dB(A)	58/61	57/64	61/65	62/67
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50	230/1~/50	400/3~/50
Refrigerant connection, injection pipe	Inch	1/4	1/4	3/8	3/8
Refrigerant connection, suction pipe	Inch	3/8	1/2	5/8	5/8
Condensate drain connection Ø	mm	25	25	32	32
Length of the refrigerant line, max.	m	25	30	50	65
Height of the refrigerant line, max.	m	10	20	25	30
Dimensions - indoor unit - length/width/depth	mm	570/570/260	570/570/260	840/840/245	840/840/245
Dimensions of outdoor unit, height/width/depth	mm	554/800/333	554/800/333	702/845/363	810/946/410
Weight – indoor/outdoor unit	kg	16.0/34.5	16.5/35.5	24.0/49.0	25.6/78.9
Ref. no.		1623805	1623815	1623825	1623835

<sup>1)</sup> Average temperature period

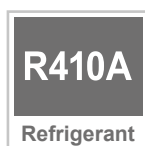
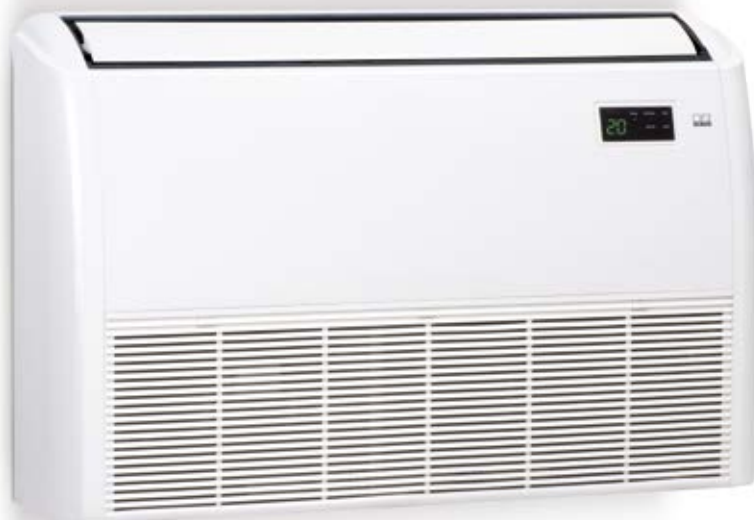
<sup>2)</sup> Distance 1 m in open air

<sup>3)</sup> Expandable to -15°C with WRH-1 or WRK-1

<sup>4)</sup> GWP = 2088

# REMKO RXT SERIES

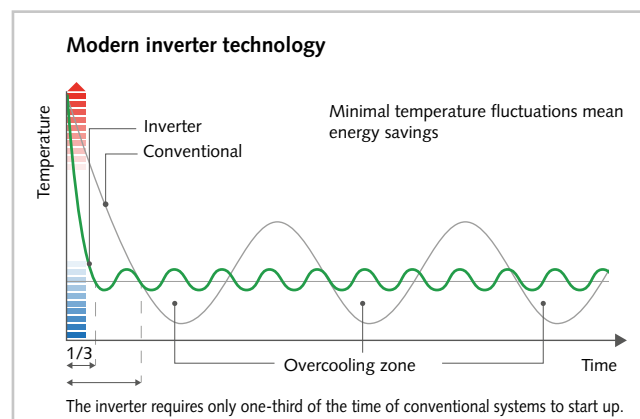
Wall and ceiling chests for cooling and heating



## REMKO RXT SERIES

### Reduce energy consumption through better efficiency

Wall and ceiling chests are highly versatile. A powerful fan and variable connection possibilities guarantee an even distribution of air.



- Removable air filter
- Automatic restart after power failure
- Programmable 24-hour timer function
- Alarm contact/contact for external release
- "Follow me" function for temperature reconciliation between unit and remote controller
- Provided with optional multi-purpose bracket for wall or ceiling mounting
- The outdoor units are filled with R410A refrigerant at the factory (line length up to 5 m).

### Accessories

- With winter fan speed control for cooling and heating operation to -15°C in the standard version
- Redundancy controller KFB-R for technical applications
- Cabled remote control
- Condensation pump





## Technical data

Unit type		RXT 523 DC	RXT 683 DC	RXT 1053 DC	RXT 1403 DC
Cooling capacity	kW	5.3 (0.8-6.2)	7.0 (1.2-8.2)	10.5 (2.9-12.0)	14.0 (4.1-16.4)
Energy efficiency class - cooling		A++	A++	A++	A++
Energy efficiency size SEER		6.5	6.1	6.1	6.1
Energy consumption, annual, Q <sub>CE</sub>	kWh	285	402	602	803
Heating capacity	kW	3.8 (0.9-7.0)	5.3 (1.2-8.7)	10.3 (2.6-13.2)	11.8 (4.4-18.5)
Energy efficiency rating for heating <sup>1)</sup>		A+	A+	A+	A+
Energy efficiency size SCOP <sup>1)</sup>		4.0	4.0	4.0	4.0
Energy consumption, annual, Q <sub>HE</sub> <sup>1)</sup>	kWh	1340	1855	3605	4130
Refrigerant <sup>4)</sup>		R410A	R410A	R410A	R410A
Basic filling volume / CO <sub>2</sub> equivalent	kg/t	1.38/2.88	1.48/3.09	1.95/4.07	3.20/6.68
Cooling / heating power consumption	kW	1.6/1.4	2.3/1.9	4.1/3.0	5.2/4.8
Usage area (room size) approx.	m <sup>3</sup>	160	230	320	470
Operating range – indoor unit	°C/% rel. hum.	+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65
Operating range - outdoor unit - cooling <sup>3)</sup>	°C	+5 to +50	+5 to +50	+5 to +50	+5 to +50
Operating range - outdoor unit - heating <sup>3)</sup>	°C	+5 to +24	+5 to +24	+5 to +24	+5 to +24
Air flow rate, indoor unit	m <sup>3</sup> /h	700/800/900	850/1050/1180	1403/1767/2048	1400/1800/2100
Sound pressure level of indoor unit per speed setting <sup>2)</sup>	dB(A)	34/39/44	42/48/53	40/46/52	41/48/56
Max. sound power indoor unit/outdoor unit	dB(A)	56/64	63/65	63/68	67/73
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50	400/3~/50	400/3~/50
Refrigerant connection, injection pipe	Inch	1/4	3/8	3/8	3/8
Refrigerant connection, suction pipe	Inch	1/2	5/8	5/8	5/8
Condensate drain connection Ø	mm	25	25	25	25
Length of the refrigerant line, max.	m	30	50	65	65
Height of the refrigerant line, max.	m	15	20	30	30
Dimensions of indoor unit, height/width/depth	mm	675/1068/235	675/1068/235	675/1650/235	675/1650/235
Dimensions of outdoor unit, height/width/depth	mm	554/800/333	702/845/363	810/946/410	1333/952/410
Weight – indoor/outdoor unit	kg	26.0/35.5	25.0/49.0	40.0/78.9	38.0/108.1
Ref. no.		1619510	1619520	1619530	1619540

<sup>1)</sup> Average temperature period <sup>2)</sup> Distance 1 m in open air <sup>3)</sup> Expandable to -15°C with WRH-1 or WRK-1 <sup>4)</sup> GWP = 2088

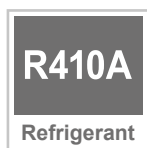


# REMKO MVT SERIES

Multisplit air-conditioning systems for cooling or heating



Outdoor unit  
MVT series



Wall-mounted unit MXW series



Ceiling cassette MXD series



Wall-mounted unit ATY series



Wall chest MXT series

## REMKO MVT SERIES

### Efficient air-conditioning solutions for several rooms

The MVT series is an efficient inverter air-conditioning solution that lets you operate up to 5 indoor units at once. In the process, you can combine wall-mounted units, ceiling cassettes, and now even compact wall chests to suit your needs.

#### Outdoor units

- Up to 5 rooms can be cooled
- Microprocessor-controlled unit technology
- Coolant injection by electronic expansion valves
- The outdoor units are filled with R410A refrigerant at the factory (line length up to 5 m, per circuit)
- With winter fan speed control for cooling and heating operation up to -15°C in the standard version

#### Indoor units

- Automatic adjustment of the airflow in cooling and heating mode
- Programmable 24-hour timer function
- With infrared remote control in the standard version
- Alarm contact (for MXD series)
- Contact for external activation and deactivation (for MXW and MXD series)



## Technical data

Unit type		MVT 602 DC	MVT 902 DC	MVT 1052 DC	MVT 1402 DC
Cooling capacity	kW	5.2 (2.1-5.3)	7.9 (2.1-7.9)	10.6 (2.1-10.6)	12.3 (2.1-12.3)
Energy efficiency size SEER <sup>1)</sup>		6.3	6.6	7.6	7.7
Energy consumption, annual, Q <sub>CE</sub> <sup>1)</sup>	kWh	289	419	488	559
Energy efficiency rating for cooling <sup>1)</sup>		A++	A++	A++	A++
Rated heating capacity <sup>1) 2)</sup>	kW	4.7 (2.1-5.6)	5.9 (2.3-8.2)	9.3 (2.1-11.1)	9.6 (2.1-12.1)
Energy efficiency size SCOP <sup>1) 2)</sup>		4.0	4.0	3.8	3.8
Energy consumption, annual, Q <sub>HE</sub> <sup>1) 2)</sup>	kWh	1645	2065	3426	3537
Energy efficiency rating for heating <sup>1) 2)</sup>		A+	A+	A	A
Max. number of indoor units:		2	3	4	5
Refrigerant <sup>4)</sup>		R410A	R410A	R410A	R410A
Basic filling volume / CO <sub>2</sub> equivalent	kg/t	1.70/3.55	2.10/4.39	3.00/6.26	3.60/7.52
Operating range, cooling	°C	-15 to +50	-15 to +50	-15 to +50	-15 to +50
Operating range, heating	°C	-15 to +24	-15 to +24	-15 to +24	-15 to +24
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50	230/1~/50	230/1~/50
Cooling / heating power consumption	kW	1.75/1.50	2.50/2.30	3.9/3.0	3.8/3.4
Cooling / heating current consumption	A	7.6/6.7	10.7/9.8	16.9/13.0	16.6/14.7
Max. sound power	dB(A)	65	68	68	69
Sound pressure level <sup>3)</sup>	dB(A)	57	60	64	62
Refrigerant connection, injection pipe	Inch	1/4	1/4	1/4	1/4
Refrigerant connection, suction pipe	Inch	3/8	3/8	3x 3/8, 1x 1/2	4x 3/8, 1x 1/2
Refrigerant line, max. length, per indoor unit	m	20	25	30	30
Refrigerant line, max. height, outdoor unit top/bottom	m	10/15	10/15	10/15	10/15
Refrigerant line, total max.	m	30	45	60	75
Dimensions - height/width/depth	mm	554/800/333	702/845/363	810/946/410	810/946/410
Weight	kg	36.0	52.7	70.0	76.0
Ref. no.		1623302	1623312	1623332	1623342

<sup>1)</sup> In combination with MXW

<sup>2)</sup> Average temperature period

<sup>3)</sup> Distance 1 m in open air

<sup>4)</sup> GWP = 2088

# REMKO MVT SERIES

## Indoor units

### Technical data

Unit type			ATY 265	ATY 355	ATY 525
Cooling capacity	kW	–	2.6	3.5	5.3
Heating capacity	kW	–	2.9	3.8	5.6
Usage area (room size) approx.	m <sup>3</sup>	–	80	110	160
Operating range	°C/% rel. hum.	–	+17 to +32/35-65	+17 to +32/35-65	+17 to +32/35-65
Air flow rate per speed setting	m <sup>3</sup> /h	–	240/300/400	270/350/500	480/620/740
Sound pressure level per speed setting <sup>1)</sup>	dB(A)	–	26/31/37	27/30/37	33/36/40
Max. sound power	dB(A)	–	51	49	56
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
Dimensions - height/width/depth	mm	–	312/897/182	312/897/182	350/1004/205
Weight	kg	–	9.5	9.9	13.0
Ref. no.			1623230	1623233	1623236

Unit type			MXW 203	MXW 263	MXW 353	MXW 523
Cooling capacity	kW		2.3	2.6	3.5	5.3
Heating capacity	kW		2.6	2.9	3.8	5.9
Usage area (room size) approx.	m <sup>3</sup>		60	80	110	160
Operating range	°C/% rel. hum.		+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65
Air flow rate per speed setting	m <sup>3</sup> /h		230/300/400	240/310/420	270/460/520	420/500/750
Sound pressure level per speed setting <sup>1)</sup>	dB(A)		22/31/36	23/33/37	24/35/39	29/34/42
Max. sound power	dB(A)		52	53	52	57
Voltage supply	V/Ph/Hz		230/1~/50	230/1~/50	230/1~/50	230/1~/50
Refrigerant connection, injection pipe	Inch		1/4	1/4	1/4	1/4
Refrigerant connection, suction pipe	Inch		3/8	3/8	3/8	1/2
Condensate drain connection Ø	mm		18	18	18	18
Dimensions - height/width/depth	mm		290/722/187	290/722/187	297/802/189	319/965/215
Weight	kg		7.4	7.4	8.2	10.7
Ref. no.			1623203	1623208	1623213	1623218

Unit type			MXD 203	MXD 263	MXD 353	MXD 523
Cooling capacity	kW		2.1	2.6	3.5	5.3
Heating capacity	kW		2.3	2.9	4.1	5.3
Usage area (room size) approx.	m <sup>3</sup>		60	80	110	160
Operating range	°C/% rel. hum.		+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65
Air flow rate per speed setting	m <sup>3</sup> /h		450/500/580	450/500/580	450/530/650	500/650/800
Sound pressure level per speed setting <sup>1)</sup>	dB(A)		35/38/42	33/36/39	34/37/41	36/42/48
Max. sound power	dB(A)		53	53	58	59
Voltage supply	V/Ph/Hz		230/1~/50	230/1~/50	230/1~/50	230/1~/50
Refrigerant connection, injection pipe	Inch		1/4	1/4	1/4	1/4
Refrigerant connection, suction pipe	Inch		3/8	3/8	3/8	1/2
Condensate drain connection Ø	mm		25	25	25	25
Dimensions length/width/depth	mm		570/570/260	570/570/260	570/570/260	570/570/260
Weight	kg		14.5	14.5	16.0	18.0
Ref. no.			1623253	1623258	1623263	1623268

Unit type			MXT 263	MXT 353	MXT 523
Cooling capacity	kW	–	2.6	3.5	5.3
Heating capacity	kW	–	2.9	3.5	5.3
Usage area (room size) approx.	m <sup>3</sup>	–	80	110	160
Operating range	°C/% rel. hum.	–	+17 to +30/35-65	+17 to +30/35-65	+17 to +30/35-65
Air flow rate per speed setting	m <sup>3</sup> /h	–	450/580/680	360/470/550	520/650/740
Sound pressure level per speed setting <sup>3)</sup>	dB(A)	–	35/40/45	35/41/47	39/44/48
Max. sound power	dB(A)	–	56	58	59
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	–	16	16	16
Dimensions - height/width/depth	mm	–	600/700/210	600/700/210	600/700/210
Weight	kg	–	13.5	15.0	15.0
Ref. no.			1623282	1623287	1623292

<sup>1)</sup> Distance of 1m in open air





# REMKO MVT SERIES

Combination possibilities for the MVT series  
with the indoor units for the MXW, MXD, MXT, or ATY series

## MVT 602 DC

For up to a maximum of 2 indoor units



Combinations with		1 indoor unit				2 indoor units				
MXW	203	■				■	■	■	■	
	263 [265]		■			■	■	■		
MXT	353 [355]			■				■	■	
[ATY]	523 [525]				■					
Combination no.		1	2	3	4	5	6	7	8	9

## MVT 902 DC

For up to a maximum of 3 indoor units



Combinations with		1 indoor unit				2 indoor units								3 indoor units												
MXW	203	■				■ ■			■		■		■		■ ■ ■	■ ■	■	■	■	■	■		■	■		
	263 [265]		■				■ ■			■	■		■			■ ■ ■	■		■	■				■	■	
MXT	353 [355]			■				■ ■	■		■	■						■			■	■	■	■	■	
[ATY]	523 [525]				■				■				■	■				■			■		■			
Combination no.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

## MVT 1052 DC

For up to a maximum of 4 indoor units



Combinations with		1 indoor unit				2 indoor units								3 indoor units																			
MXW	203	■				■ ■				■		■		■		■ ■ ■		■	■	■	■		■	■	■	■	■	■					
	263 [265]		■				■ ■			■	■		■		■ ■ ■			■		■	■			■	■		■	■	■	■			
MXT	353 [355]			■			■ ■		■		■	■		■			■ ■ ■		■		■		■	■	■	■	■	■	■			■	■
[ATY]	523 [525]				■			■ ■	■					■	■					■		■		■		■	■	■	■	■	■	■	■
Combination no.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32

## MVT 1402 DC

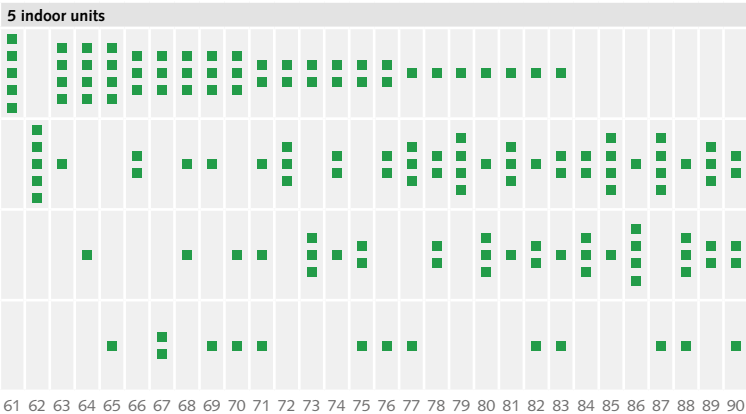
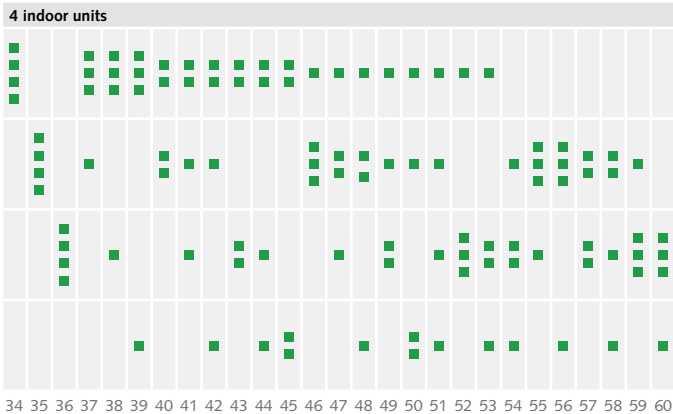
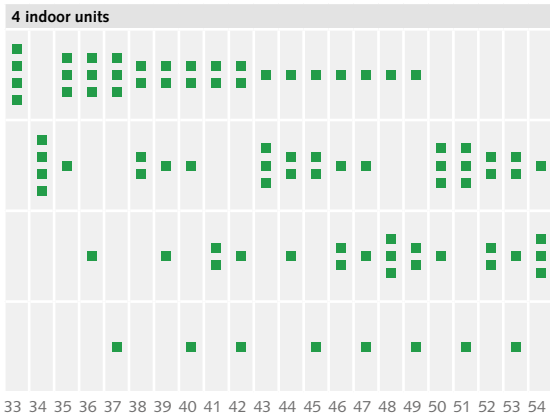
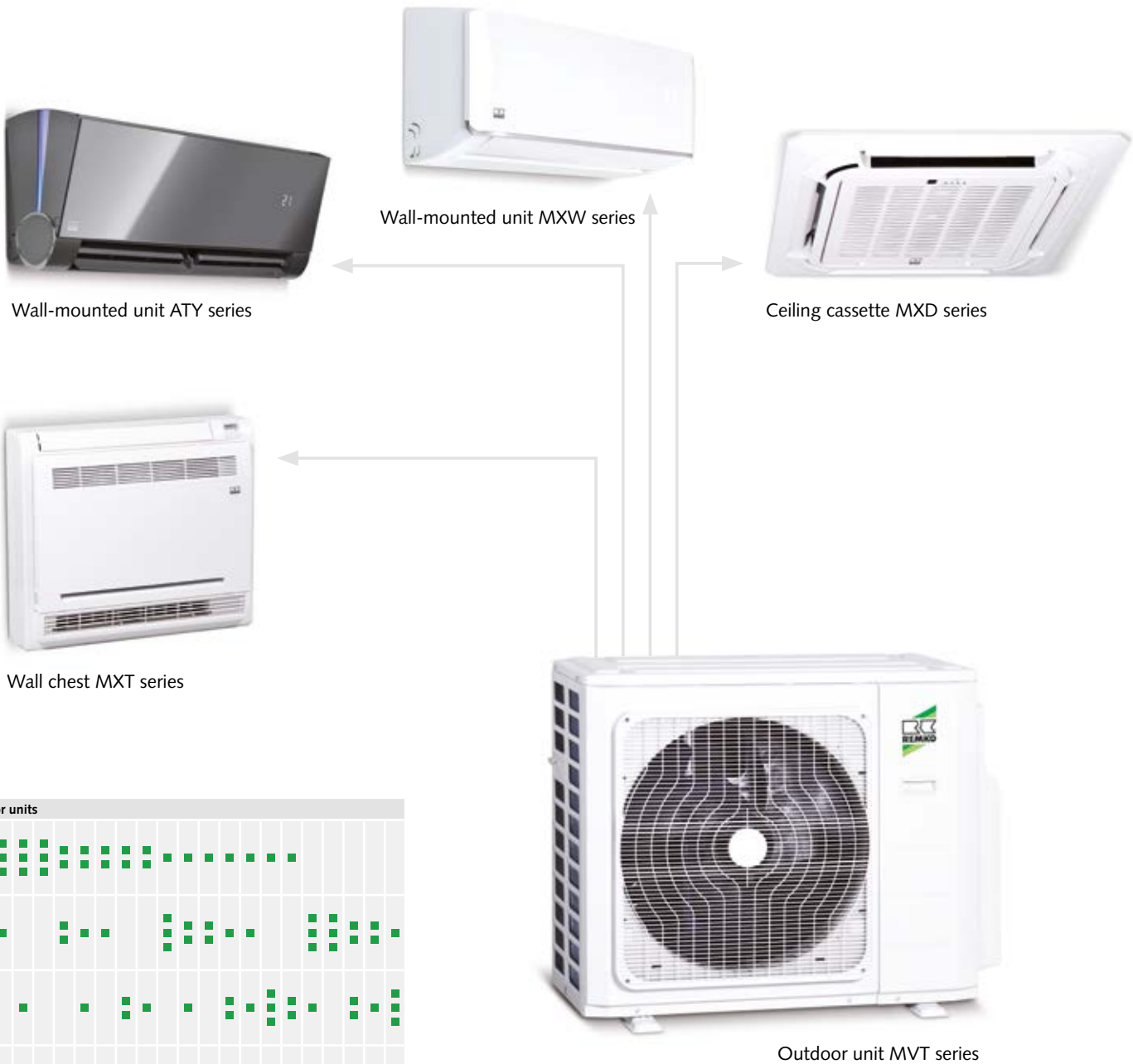
For up to a maximum of 5 indoor units



Combinations with		1 indoor unit				2 indoor units								3 indoor units																				
MXW	203	■				■	■				■		■		■		■	■	■	■	■	■	■	■	■	■	■	■						
	263 [265]		■				■	■			■	■		■		■	■		■	■			■	■			■	■	■	■	■			
MXT	353 [355]			■			■	■		■		■	■				■		■		■	■	■	■		■	■	■	■			■	■	
[ATY]	523 [525]				■			■	■				■	■					■		■		■		■		■	■	■	■	■	■	■	■
Combination no.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33



Up to 90 combinations can be implemented in one system



# ACCESSORIES

## Comfort air-conditioners



### Refrigerant lines, running metre

For unit type	Ø	Ref. no.
ATY 265-355 DC	1/4/3/8	1613181
ATY 525 DC	1/4/1/2	1613193
RVT 264-354 DC	1/4/3/8	1613181
RVT 524 DC	1/4/1/2	1613193
RVT 684 DC	3/8/5/8	1613192
RVD 354 DC	1/4/3/8	1613181
RVD 524 DC	1/4/1/2	1613193
RVD 684-1054 DC	3/8/5/8	1613192
RXT 523 DC	1/4/1/2	1613193
RXT 683-1403 DC	3/8/5/8	1613192
MXW 203-353	1/4/3/8	1613181
MXW 523	1/4/1/2	1613193
MXD 203-353	1/4/3/8	1613181
MXD 523	1/4/1/2	1613193
MXT 263-353	1/4/3/8	1613181
MXT 523	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
25 m ring	5/8	1613058
25 m ring	3/4	1613059



### Floor brackets

Suited for the stable installation of the outdoor units.

For unit type	Bracket	Ref. no.
ATY 265-525 DC	BK-500	1613190
RVT 264-684 DC	BK-500	1613190
RVD 354-684 DC	BK-500	1613190
RVD 1054 DC	BK-1000	1613174
RXT 523-683 DC	BK-500	1613190
RXT 1053-1403 DC	BK-1000	1613174
MVT 602-1402 DC	BK-500	1613190



### Floor brackets

Robust floor bracket made of reinforced rubber with high intrinsic weight and good damping properties. For outdoor climate units. Length 0.6 m and/or 1.0 m

For device type	Bracket	Ref. no.
ATY 265-525 DC	BK-600 Plus	1613127
RVT 264-684 DC	BK-600 Plus	1613127
RVD 354-684 DC	BK-600 Plus	1613127
RVD 1054 DC	BK-1000 Plus	1613128
RXT 523-683 DC	BK-600 Plus	1613127
RXT 1053-1403 DC	BK-1000 Plus	1613128
MVT 602-1402 DC	BK-600 Plus	1613127



### Wall brackets

For mounting to suitable faces and masonry, including vibration dampers

For unit type	Bracket	Ref. no.
ATY 265-355 DC	WKM-500	1613122
ATY 525 DC	WKM-600	1613123
RVT 264-354 DC	WKM-500	1613122
RVT 524-684 DC	WKM-600	1613123
RVD 354 DC	WKM-500	1613122
RVD 524-1054 DC	WKM-600	1613123
RXT 523-1403 DC	WKM-600	1613123
MVT 602-1402 DC	WKM-600	1613123
Sound insulation set		1613900



### Roof bracket DK-480

From galvanised steel, powder-coated for mounting to pitched roofs with an angle of inclination from 10 to 40°. Load capacity: 15°-80 kg, 20°-100 kg, 25°-125 kg, 30°-150 kg

For unit type	Ref. no.
ATY 265-525 DC	1613126
RVT 264-684 DC	1613126
RVD 354-684 DC	1613126
RXT 523-683 DC	1613126
MVT 602-1402 DC	1613126



#### Cabled remote control KFB-3

Including connecting cable for on-site extension

For unit type	Ref. no.
ATY, RVD, RXT, MXD, MXT	1613278

Connecting cable for the connection of additional units with a KFB-3	1613277
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Display board for the connection of KFB-3 to unit series MXW	1613286
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#### Cabled remote control KFB-W

With weekly programme, including connection pc board for connection to indoor unit (for RXT series)

For unit type	Ref. no.
RVT 264-684 DC	1613281
RXT 523-1403 DC	1613279



#### Redundancy controller KFB-R

Room temperature monitoring including alarm forwarding, actuation of air-conditioners possible in case of a malfunction, load-dependent activation in case of overtemperature, runtimes of compensation function

For unit type	Ref. no.
RVD, RXT, MXD, RVT	1613283



#### Multi-central controller MCC-1

For the control of up to 64 indoor units, including daily and weekly programme control

For unit type	Ref. no.
MXW, MXD, RVD, RXT	1613285



#### Winter fan speed control WRK-1

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

For unit type	Ref. no.
ATY, RVT, To -15°C	1613133
RVD, RXT	



#### Winter fan speed control WRH-1

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

For unit type	Ref. no.
ATY, RVT To -20°C	1613134
RVD, RXT To -15°C	1613134



#### Condensate pump KP-5

Including condensate drip tray for removal of any occurring condensate water to higher drains.

For unit type	Ref. no.
MXD, RVD	1613168



#### Condensate pump KP-8

For air-conditioners for draining condensate. With reservoir, alarm contact, and connecting tubes in the standard version.

For unit type	Ref. no.
ATY, RVT, MXW, MXT, RXT	1613125



#### Condensate pump KP-6

Only intended for vertical installation and removal of condensate through the ceiling in conjunction with wall-mounted units.

For unit type	Ref. no.
RVT, MXW	1613050

# ACCESSORIES

## Comfort air-conditioners



### Condensate pump KP-6U

For easy, low-maintenance mounting under wall-mounted air conditioners

For unit type	Ref. no.
ATY, RVT, MXW	1613064



### Condensate tube, 16 mm Ø

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

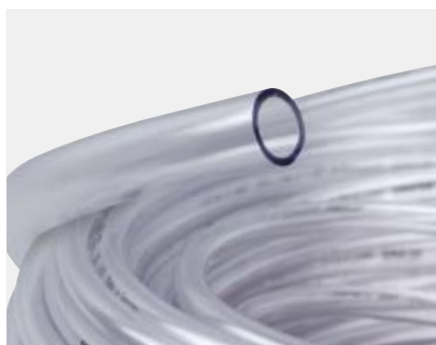
For unit type	Length	Ref. no.
ATY, RVT, MXW, MXT	50 m	1613052
ATY, RVT, MXW, MXT	Running metre	1613053



### Condensate tube, separate

For connection to condensate pumps.

	Length	Ref. no.
KP-8, KP-6, KP-6U	100 m	1613065
	20 m	1613066
	Running metre	1613067
KP-5	Running metre	1613097



### Condensate tube, separate, Ø 22 mm

For unit type	Length	Ref. no.
RVD, RXT, MXD	50 m	1613068
RVD, RXT, MXD	Running metre	1613069
Reduction piece 32 mm/22 mm		1613098
For RVD series		



### Condensate drip pan including oil separator

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

For unit type	Ref. no.
ATY, RVT, RVD, RXT, MVT	1613232



### Flush-mounted box

including condensate pan with condensate connection

For unit type	Ref. no.
ATY, RVT, MXW	1613051



### 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.
ATY, RVT, RVD, RXT, MVT	1613063



### Connectors

For extending refrigerant lines.  
Brass component for refrigeration applications.

Ø	Ref. no.
¼	1106385
⅜	1106386
½	1106387
⅝	1106388
¾	1106389



### Refrigerant additive filling

Only for refrigerant lines fitted on site.  
Lump-sum service fee for factory refilling of refrigerant based on 5 m pipe length:

	Ref. no.
Single-split outdoor units	992560
Multisplit outdoor units	992570







# REMKO – QUALITY WITH SYSTEMS

Climate | Heating | New energies

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