

Assembly and operating instructions

REMKO SKM 240, SKM 340

Local room air conditioner





Read these operating instructions carefully before commissioning / using this device!

These instructions are an integral part of the system and must always be kept near or on the device.

Subject to modifications; No liability accepted for errors or misprints!

Installation and operating instructions (translation of the original)

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1 Safety and usage instructions

1.1 General safety notes

Carefully read the operating manual before commissioning the units for the first time. It contains useful tips and notes such as hazard warnings to prevent personal injury and material damage. Failure to follow the directions in this manual not only presents a danger to people, the environment and the system itself, but will void any claims for liability.

Keep this operating manual and the refrigerant data sheet near to the units.

1.2 Identification of notes

This section provides an overview of all important safety aspects for proper protection of people and safe and fault-free operation. The instructions and safety notes contained within this manual must be observed in order to prevent accidents, personal injury and material damage.

Notes attached directly to the units must be observed in their entirety and be kept in a fully legible condition.

Safety notes in this manual are indicated by symbols. Safety notes are introduced with signal words which help to highlight the magnitude of the danger in question.



DANGER!

Contact with live parts poses an immediate danger of death due to electric shock. Damage to the insulation or individual components may pose a danger of death.



DANGER!

This combination of symbol and signal word warns of a situation in which there is immediate danger, which if not avoided may be fatal or cause serious injury.



WARNING!

This combination of symbol and signal word warns of a potentially hazardous situation, which if not avoided may be fatal or cause serious injury.



CAUTION!

This combination of symbol and signal word warns of a potentially hazardous situation, which if not avoided may cause injury or material and environmental damage.



NOTICE!

This combination of symbol and signal word warns of a potentially hazardous situation, which if not avoided may cause material and environmental damage.



This symbol highlights useful tips and recommendations as well as information for efficient and fault-free operation.

1.3 Personnel qualifications

Personnel responsible for commissioning, operation, maintenance, inspection and installation must be able to demonstrate that they hold a qualification which proves their ability to undertake the work.

1.4 Dangers of failure to observe the safety notes

Failure to observe the safety notes may pose a risk to people, the environment and the units. Failure to observe the safety notes may void any claims for damages.

In particular, failure to observe the safety notes may pose the following risks:

- The failure of important unit functions.
- The failure of prescribed methods of maintenance and repair.
- Danger to people on account of electrical and mechanical effects.

1.5 Safety-conscious working

The safety notes contained in this manual, the existing national regulations concerning accident prevention as well as any internal company working, operating and safety regulations must be observed.

1.6 Safety notes for the operator

The operational safety of the units and components is only assured providing they are used as intended and in a fully assembled state.

- The units and components may only be set up, installed and maintained by qualified personnel.
- Protective covers (grille) over moving parts must not be removed from units that are in operation.
- Do not operate units or components with obvious defects or signs of damage.
- Contact with certain unit parts or components may lead to burns or injury.
- The units and components must not be exposed to any mechanical load, extreme levels of humidity or extreme temperature.
- Spaces in which refrigerant can leak sufficient to load and vent. Otherwise there is danger of suffocation.
- All housing parts and device openings, e.g. air inlets and outlets, must be free from foreign objects, fluids or gases.
- The units may not be used in environments containing a great deal of dust or chlorine, or in places with atmospheres containing ammonia.
- The units must be inspected by a service technician at least once annually. Visual inspections and cleaning may be performed by the operator when the units are disconnected from the mains.
- The local room air conditioner is designed for flexible use in living and work spaces. Year-round operation is not recommended.
- Do not leave the appliance running for an extended period unsupervised.

1.7 Safety notes for installation, maintenance and inspection

- Appropriate hazard prevention measures must be taken to prevent risks to people when performing installation, repair, maintenance or cleaning work on the units.
- The setup, connection and operation of the units and its components must be undertaken in accordance with the usage and operating conditions stipulated in this manual and comply with all applicable regional regulations.
- Local regulations and laws such as Water Ecology Act must be observed.
- The power supply should be adapted to the requirements of the units.
- Units may only be mounted at the points provided for this purpose at the factory. The units may only be secured or mounted on stable structures, walls or floors.

- Mobile units must be set up securely on suitable surfaces and in an upright position. Stationary units must be permanently installed for operation.
- The units and components should not be operated in areas where there is a heightened risk of damage. Observe the minimum clearances.
- The units and components must be kept at an adequate distance from flammable, explosive, combustible, abrasive and dirty areas or atmospheres.
- Safety devices must not be altered or bypassed.

1.8 Unauthorised modification and changes

Modifications or changes to units and components are not permitted and may cause malfunctions. Safety devices may not be modified or bypassed. Original replacement parts and accessories authorised by the manufacturer ensure safety. The use of other parts may invalidate liability for resulting consequences.

1.9 Intended use

Depending on the model, the equipment and the additional fittings with which it is equipped is only intended to be used as an air-conditioner for the purpose of cooling or heating the air in an enclosed room..

Different or additional use shall not be classed as intended use. The manufacturer/supplier assumes no liability for damages arising from an unintended use of the equipment. The user bears the sole risk in such cases.

Using the equipment as intended also includes working in accordance with the operating manual and installation instructions and complying with the maintenance requirements.

Under no circumstances should the threshold values specified in the technical data be exceeded.

1.10 Warranty

For warranty claims to be considered, it is essential that the ordering party or its representative complete and return the "certificate of warranty" to REMKO GmbH & Co. KG at the time when the units are purchased and commissioned.

The warranty conditions are detailed in the "General business and delivery conditions". Furthermore, only the parties to a contract can conclude special agreements beyond these conditions. In this case, contact your contractual partner in the first instance.

1.11 Transport and packaging

The devices are supplied in a sturdy shipping container. Please check the equipment immediately upon delivery and note any damage or missing parts on the delivery and inform the shipper and your contractual partner. For later complaints can not be guaranteed.



WARNING!

Plastic films and bags etc. are dangerous toys for children!

Why:

- Leave packaging material are not around.
- Packaging material may not be accessible to children!

1.12 Environmental protection and recycling

Disposal of packaging

All products are packed for transport in environmentally friendly materials. Make a valuable contribution to reducing waste and sustaining raw materials. Only dispose of packaging at approved collection points.



Disposal of equipment and components

Only recyclable materials are used in the manufacture of the devices and components. Help protect the environment by ensuring that the devices or components (for example batteries) are not disposed in household waste, but only in accordance with local regulations and in an environmentally safe manner, e.g. using certified firms and recycling specialists or at collection points.



2 Technical data

2.1 Unit data

Series		SKM 240	SKM 340
Operating mode		Local compact air conditioning unit for cooling	
Nominal cooling output ¹⁾	kW	2.40	3.40
Energy efficiency ratio - cooling		A	
Energy efficiency rating EER ¹⁾		2.6	
Energy consumption, hourly	kWh/60 min	0.92	1.30
Application area (room volume), approx.	m ³	80	90
Adjustment range indoor unit	°C	+16 to +32	
Operating range - indoor unit	°C/%r.H.	+16 to +35 / +35 to +85	
Refrigerant		R410A ³⁾	
Refrigerant, basic quantity	kg	0.50	0.61
CO ₂ equivalent	t	1.50	1.27
Max. operating pressure / cooling cycle	kPa	1800/3600	
Air flow volume per stage	m ³ /h	240/270/320	384/305/353
Sound pressure level per stage ²⁾	dB(A)	51/52/ 54	52/53/54
Sound power level max.	dB(A)	64	65
Power supply	V/Ph/Hz	230/1~/50	
Enclosure class	IP	20	
Electr. rated power consumption ¹⁾	kW	0.99	1.30
Electr. rated current consumption ¹⁾	A	4.78	
Elec. starting current max., LRA	A	17	
Exhaust air hose, length / diameter	mm	1200/140	1200/150
Dimensions - height	mm	695	870
Dimensions - width	mm	420	505
Dimensions - depth	mm	345	462
Weight	kg	24.4	30.0
Standard colour		white	
EDP no.		1601240	1601340

¹⁾ Room air temperature TK 35 °C, FK 24 °C

²⁾ Distance 1 m free field

³⁾ Contains greenhouse gas according to Kyoto protocol, GWP = 2088

3 Design and function

3.1 Unit description

The local air conditioning unit is particularly well suited to flexible use.

The local room air conditioner comprises a floor-standing unit for the indoor area and an exhaust air hose to conduct the heat away. The indoor unit extracts the heat from the room to be cooled by means of an evaporator (heat exchanger) and transfers it to the internal cooling cycle. This releases the heat back to the outside via another heat exchanger (condenser) by means of the flexible exhaust air hose.

The condensate arising during cooling mode is continually drained off via the condenser by means of a condensate pump located in the unit - the condenser evaporates the condensate and discharges it to the outside via the exhaust air hose.

The unit filters and dehumidifies the air thereby creating a comfortable room climate. It works fully automatically and offers numerous additional options thanks to its microprocessor controller. The operation of the unit can be conveniently operated by means of the infra-red remote control included.

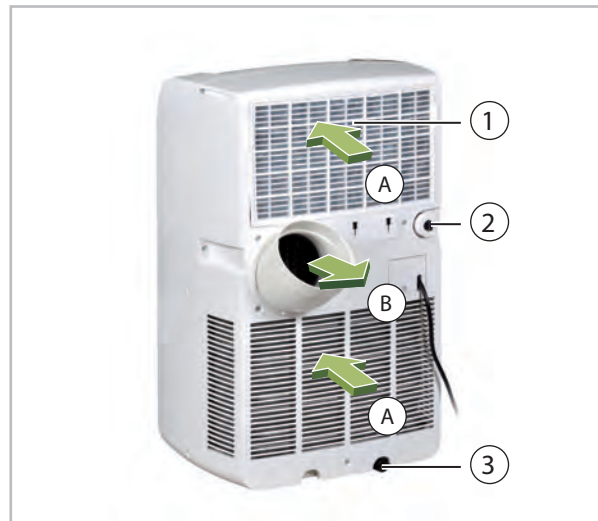


Fig. 2: Rear view

- A: Air inlet, recirculation
- B: Air outlet, exhaust air
- 1: Air filter, recirculation
- 2: Evaporator condensate emergency drainage
- 3: Condenser condensate emergency drainage



Fig. 1: Front view

- A: Air inlet, recirculation
- B: Air outlet, recirculation
- 1: Recessed grip
- 2: Control panel
- 3: Ventilation louvers
- 4: LCD temperature display
- 5: Conveyor rollers

4 Operation

The system can be operated by means of the control panel on the unit or via the standard infrared remote controller. The functional operation of the keys is identical, however, the designation may vary. The batteries must be correctly inserted before the infrared remote control is used.

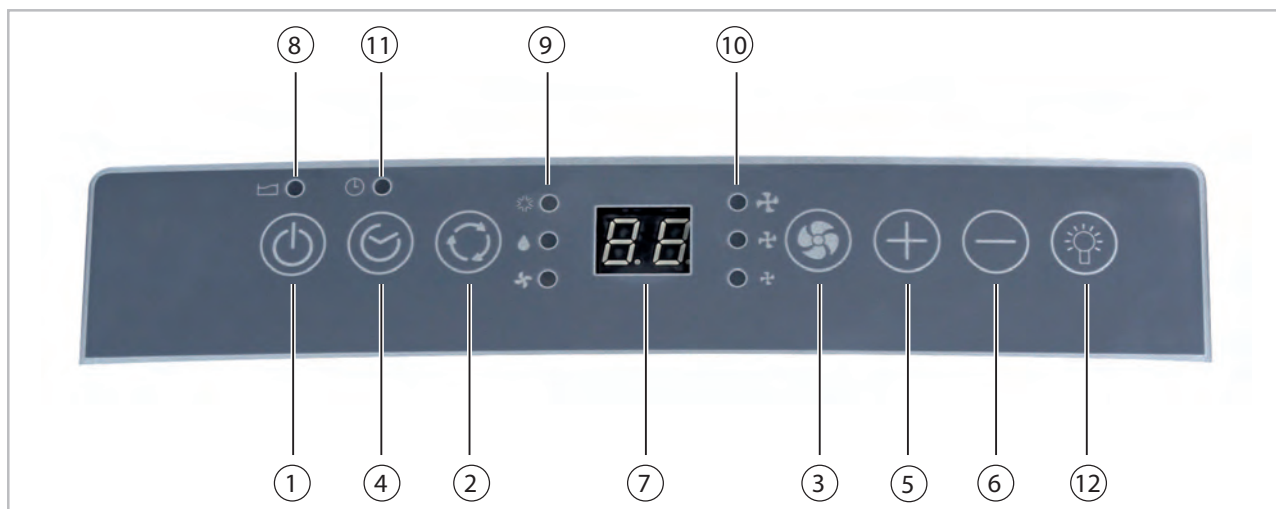


Fig. 3: Control panel

Legend

- ① On/off key
- ② Mode selector key
- ③ Fan stages key
- ④ Timer key
- ⑤+⑥ keys

Temperature/time adjustment

- ⑤ Higher, ⑥ lower
- ⑦ Display

⑧ Red malfunction LED:

Reservoir full

An acoustic and optical signal indicates that the liquid level switch in the internal reservoir has switched off the operation of the unit. The acoustic signal ceases after a short time, the LED remains active.

⑨ LED operating mode indicator

Green: Cool, Orange: Dehumidify, Yellow: Ventilate

⑩ Orange LED indicator

Fan stages with high / medium / low fan speeds

⑪ Green LED indicator

Time delay active

⑫ Temperature display on/off

⑮ Switch temperature unit (°Celsius/°Fahrenheit)

If there is a loss of IR remote control, the switch can also be carried out by pressing the "+" and "-" temperature buttons on the unit simultaneously.

⑯ Infrared transmitter

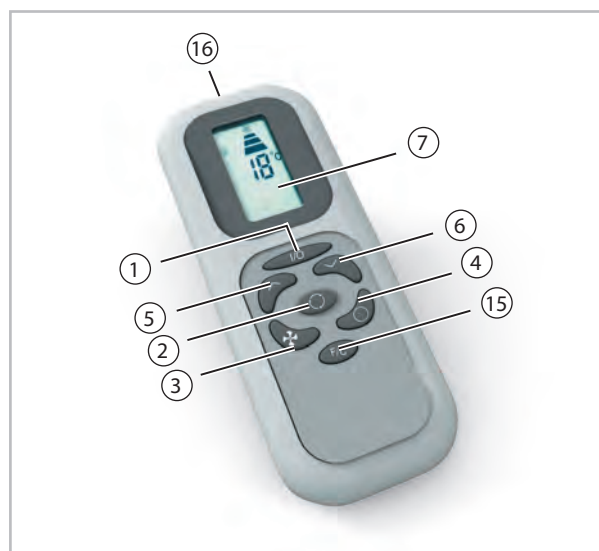


Fig. 4: Infrared remote control

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Selection of the operating mode "Mode"

- **Cooling**
The unit provides room cooling. It filters and dehumidifies the air thereby creating a comfortable room climate.
- **Dehumidification**
In dehumidifying mode, moisture is removed from the air in the room.
- **Ventilate**
The unit recirculates the room's air, filters it and provides an even air flow.

Cooling mode

1. ➤ Attach the exhaust air hose to a wall pass-through or window
2. ➤ Switch the unit on with the "On/off" key ①.
3. ➤ Press the "Mode select" key ② until the green LED ⑨ illuminates.
4. ➤ Select the setting for the fan with the ③ key:
High fan speed
Medium fan speed
Low fan speed
5. ➤ If the ⑫ LED illuminates, the current room temperature is shown in the display ⑦.
6. ➤ As soon as the ④/⑤/⑥ key is pressed, the display changes over from room temperature to target temperature (LED ⑬ illuminates) and shows the desired temperature for 15 seconds.
7. ➤ Adjust the desired room temperature with the ⑤/⑥ key. The up arrow ⑤ increases the setpoint shown in the display ⑦, the down arrow ⑥ decreases the setpoint displayed.

Dehumidifying mode

1. ➤ Attach the exhaust air hose to a wall pass-through or window.
2. ➤ Switch the unit on with the "On/off" key ①.
3. ➤ Press the "Mode select" ② key until the orange LED ⑨ illuminates. The fan will be automatically switched on at the medium fan speed.

Ventilate mode

1. ➤ Switch the unit on with the "On/off" key ①.
2. ➤ Press the "Mode select" key ② until the yellow LED ⑨ illuminates.
3. ➤ Select the setting for the fan with the "Fan stages" ③ key:
High fan speed
Medium fan speed
Low fan speed
4. ➤ The room temperature is not affected and remains constant. For this reason the "Temperature/Timer Adjust" keys ⑤/⑥ cannot be used.

Time delay

You can switch the unit on and off automatically with the timer. The switch on delay or switch off delay can be programmed for this.

Automatic switch on

1. ➤ Switch the unit on with the "On/off" key ①.
2. ➤ Select the operating mode and implement all settings for the desired operating mode.
3. ➤ Switch the unit off with the "On/off" key ①.
4. ➤ Press the "Timer" ④ key.
5. ➤ Set the time with the timer keys ⑤/⑥. You can only enter full hours.
6. ➤ LED ⑪ flashes.

Automatic switch off

1. ➤ The unit operates in the previously selected operating mode.
2. ➤ Press the "Timer" ④ key.
3. ➤ Adjust the remaining runtime via the ⑤/⑥ key. Only full hours can be entered.
4. ➤ LED ⑪ illuminates.
5. ➤ Unit switches off automatically after the preset time.

! NOTICE!

You will achieve a pleasant room temperature if you set the desired target temperature max. 4 to 7 °C below the outside temperature.



Help save on energy consumption in stand-by mode! If the device, system or component is not in use, we recommend disconnecting the power supply. Components with a safety function is excluded from our recommendation!

5 Assembly and installation

Assembly and unit installation instructions

The unit is positioned at the desired location with the discharge side pointing into the room. When positioning, observe the following instructions:

- After unpacking the unit let it sit on its transport rollers for at least 5 minutes before you switch it on.
- Set the unit down in a stable position on a level and firm floor. If the floor is uneven then this can lead to vibrations and disturbing noises.



Fig. 5: Unit installation

! NOTICE!

There must be a minimum clearance of 20 cm between the rear of the unit and the wall.

- All extensions to the power supply must be of a sufficient cable size and must only be used fully rolled out.



Fig. 6: Mains connection

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- Check whether the stopper in the condensate drain is present and correctly installed. There is a risk of uncontrolled condensate leakage after commissioning.



Fig. 7: Condensate drain

1: Condensate drainage with stopper

- Never operate the unit without the air inlet filter. Otherwise, the fins of the heat exchanger can become dirty and the unit loses performance.

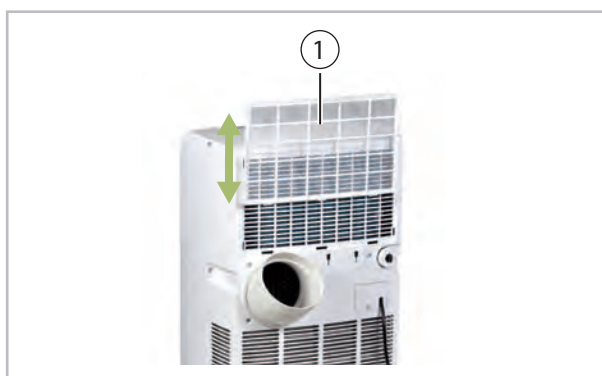


Fig. 8: Air inlet filter

1: Recirculated air filter

- Ensure that persons and sensitive objects, such as plants, are not placed directly in the air flow emerging from the unit.



In addition, with direct solar radiation close the curtains and blinds and keep the windows and doors closed during operation.

Conduct the warm exhaust air away

! NOTICE!

The exhaust air hose should always be laid rising in the direction of air flow and must not be extended!

In cooling mode the unit creates warm moist exhaust air, which must be conducted away from the room to be cooled. For this reason it is necessary to plug the exhaust air hose into the outlet opening on the rear of the unit.

- Ensure that the catches for the exhaust air hose latch securely into the two openings of the connection aperture. Do not lay the flexible exhaust air hose with tight bends and do not kink it in order to be sure of effective operation and to avoid this causing damage to air ducting components!



Fig. 9: Latch the hose into place

- The exhaust air of the unit contains a certain amount of moisture. For this reason it is advisable to feed the exhaust air to the outdoor area or to outdoors.

Exhaust air routing variants

You can route the exhaust air out of the building as follows:

Via a flat nozzle

The flat nozzle supplied can be used in various different ways. It is possible to feed the flat nozzle through an open window and fasten it by means of Velcro and a window suction cup (Fig. 10). Likewise the flat nozzle can be hung in a tilted window (Fig. 11).

Via a wall pass-through

The hose supplied is firmly attached to a wall pass-through. A suitable wall pass-through is available as an accessory (Fig. 12).

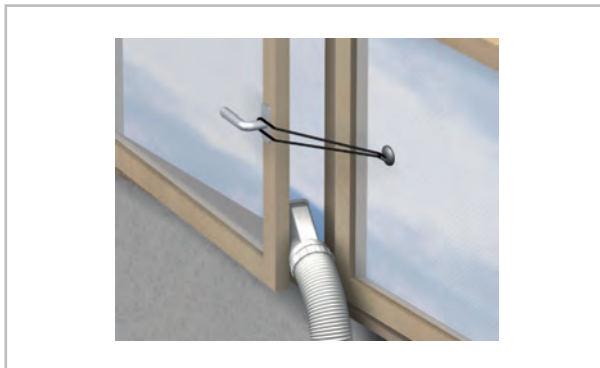


Fig. 10: Exhaust air with open window

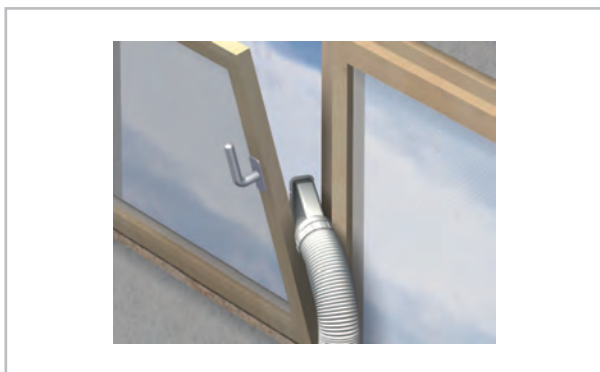


Fig. 11: Exhaust air with tilted window



Fig. 12: Wall pass-through

! NOTICE!

In some circumstances routing the exhaust air via a firmly attached exhaust air hose, e.g. through closed doors or windows, can lead to negative pressure in the room in which the unit is being used. If this should reduce the performance of the unit then arrange for the pressure to be equalised (provide ventilation if necessary on-site).

Installation scheme for wall pass-through (accessory)

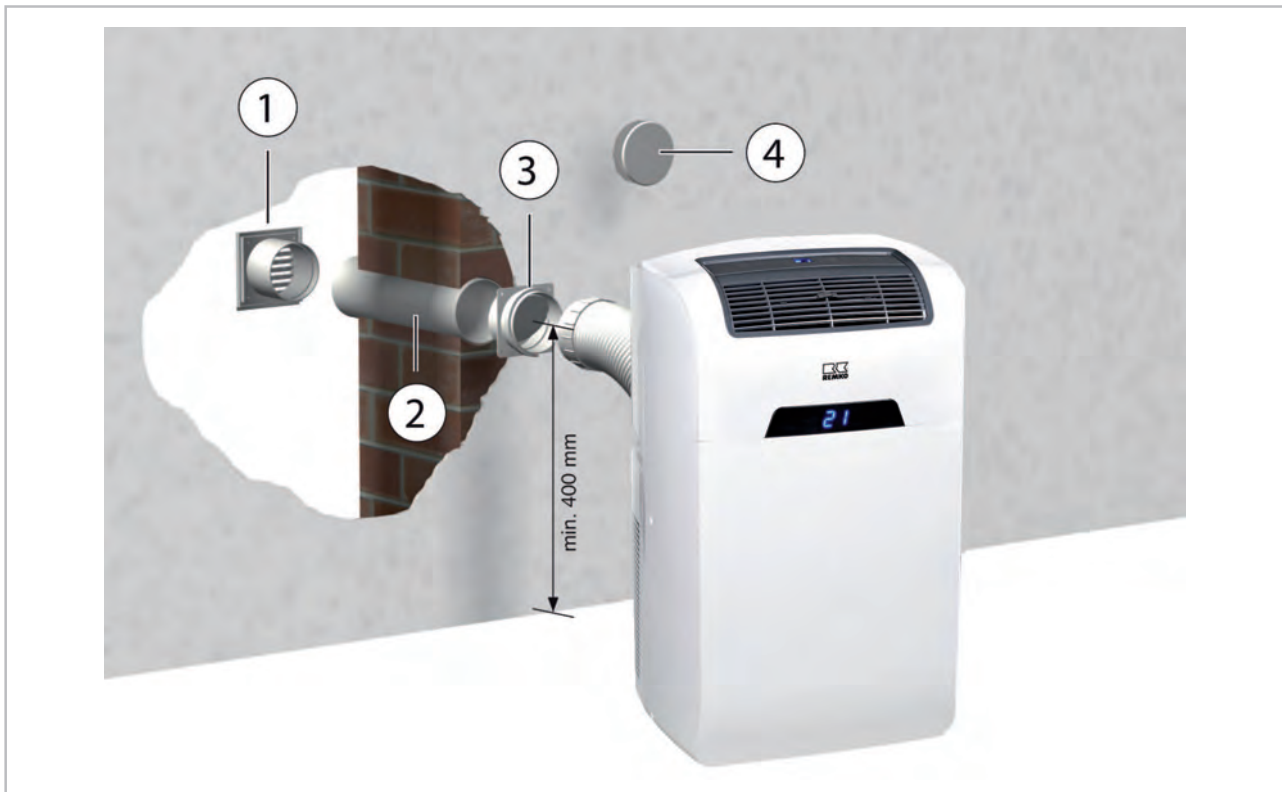


Fig. 13: Installation example

- 1: External grill
- 2: Telescopic tube
- 3: Non-return flap
- 4: Sealing cover

Installation instructions

1. ➤ Create a core hole in the exterior wall (max. wall thickness 480 mm) with a diameter of at least 135 mm. Watch out for any supply lines in this area!
2. ➤ Insert the slide tube into the wall pass-through created such that the outer tube (larger diameter) is on the inside of the wall. In order to avoid cold bridges insulate the telescopic tube with suitable insulation material.
3. ➤ Brick the slide tube into the core hole such that it sits flush on both sides of the wall.
4. ➤ Fasten the protection grid on the outside of the wall with 4 screws. Take rain ingress into account when fitting the grid.
5. ➤ Insert the interior flap valve and fasten this likewise with 4 screws. The "Top" legend on the flap valve must be visible from the inside!
6. ➤ When decommissioning the unit, e.g. before the start of the winter period, seal the opening in the flap valve with the sealing cover in order to prevent air circulation.

6 Electrical wiring

Electrical drawings

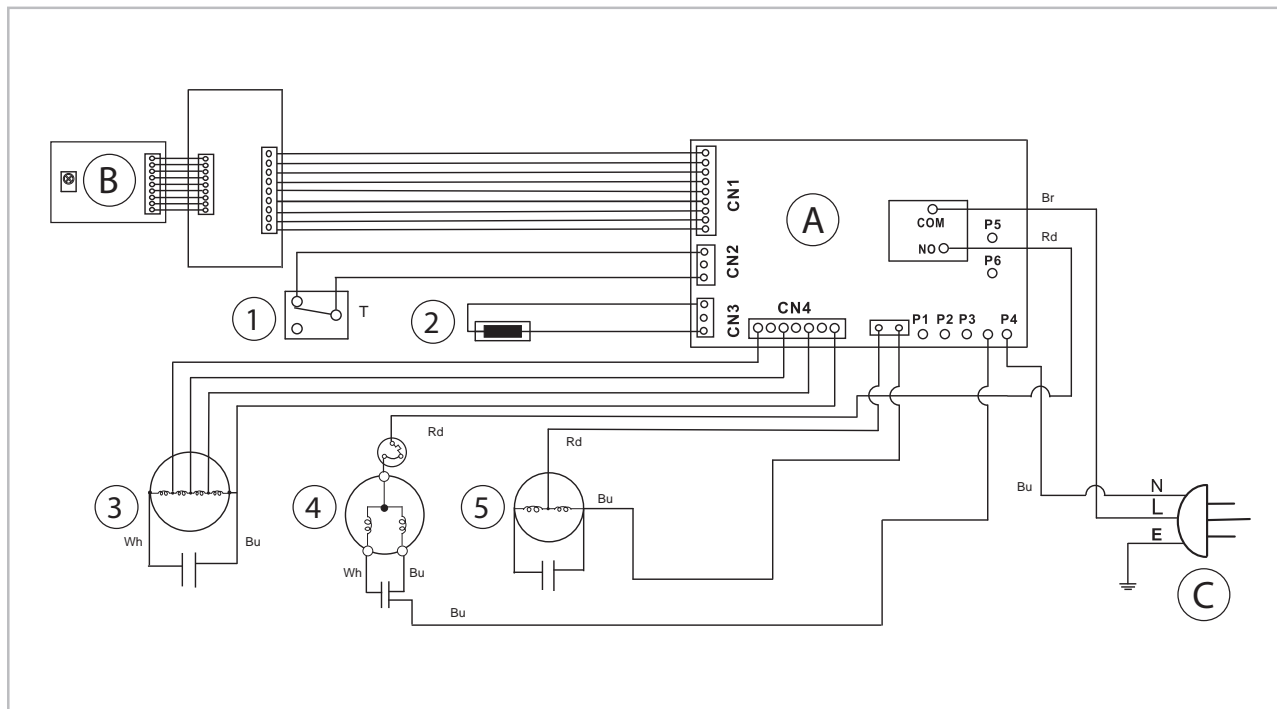


Fig. 14: Electrical drawings

- A: Mains power circuit board
- B: Control panel control board
- C: Power plug
- 1: Microswitch (reservoir)
- 2: Temperature sensor, recirculation
- 3: Evaporator fan
- 4: Compressor

- 5: Condenser fan
- Colour coding:
- Br: Brown
- Bu: Blue
- Rd: Red
- Wh: White

We reserve the right to modify the dimensions and design as part of the ongoing technical development process

7 Commissioning

Before every commissioning the air inlet and outlet openings should be checked for foreign bodies and the air inlet filter must be checked for dirt. Blocked or soiled grids and filters must be cleaned immediately, see "Care and maintenance" chapter.

Cooling mode

1. ➤ Switch the unit on with the "POWER" key.
2. ➤ Select cooling mode with the "MODE" key. The "COOL" LED must illuminate.
3. ➤ Set the desired target temperature with the "TIMER/TEMP/ADJUST" key. The selected target temperature will be shown in the display. If the fan stage selected is too large or too small then this can be adjusted with the "FAN SPEED" key.

Recirculation mode

1. ➤ Switch the unit on with the "POWER" key.
2. ➤ Select ventilation mode with the "FAN SPEED" key. The "HIGH/MED/LOW" LED must illuminate.

8 Troubleshooting and customer service

The unit has been manufactured using state-of-the-art production methods and has been tested several times to ensure that it works properly. If malfunctions should occur, please check the unit as detailed in the list below. Please inform your dealer if the unit is still not working correctly after all the function checks have been performed.

Operational malfunctions

Fault description	Cause	Remedy
The unit does not operate, the control panel remains dark	Mains voltage	Ensure that mains voltage is present (fuse)
	Power failure	Check voltage and if necessary wait until turned on again
	Mains fuse or controller fuse faulty	Arrange to have exchanged
	Power plug not inserted in socket	Insert power plug
	Power supply defective	Check power supply for damage
The unit is working with reduced performance	Exhaust air or outlet openings are dirty or blocked by foreign bodies	Clean the openings, remove foreign bodies
	Filter soiled	Clean the filter in accordance with the instructions
	Cooling load of the room excessive	Reduce the thermal load
The unit does not work, LED indicator "Timer" is flashing	"Timer"	Timer is programmed, delete the timer setting.
The unit switches itself off automatically, malfunction LED flashes and a signal sounds (reservoir full)	Reservoir full	Proceed as follows to empty the reservoir: 1. Switch unit off, pull out power plug. 2. Place a shallow container underneath the drain outlet and loosen the stopper. 3. After the condensate has drained off, plug the stopper back in again firmly.

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Fault description	Cause	Remedy
The unit does not cool properly	LED cooling indicator	The "Cool" LED indicator must illuminate
	Windows, doors, blinds and curtains	Close
	Exhaust air hose	Must be properly attached. It must not be kinked, sloping downwards or laid in bends that are too tight.
	Air feed and air exhaust	There must be no foreign bodies impairing these (observe minimum clearance)
	Ventilation louvres	Must be free of dirt and foreign objects
	Target temperature adjustment	Must not be set too high (unit operating range +16 to +35 °C).
The unit does not respond to the remote control	Remote control	There must be no objects between the remote control and the unit (range ca. 5 m).
	Batteries	Ensure that the batteries are in good working order, otherwise replace the batteries the batteries have been inserted with the correct polarity (see markings).
Condensate leaks out of unit	Unit standing at an angle	Position vertically, ensure stable horizontal base
	Stopper in condensate drain hose missing	Seal the hose so that it is watertight again
	Exhaust air hose not correctly seated	Connect correctly

9 Care and maintenance

Regular care and observation of some basic points will ensure trouble-free operation and a long service life.

DANGER!

Prior to performing any work, ensure the equipment is disconnected from the voltage supply and secured to prevent accidental switch-on!

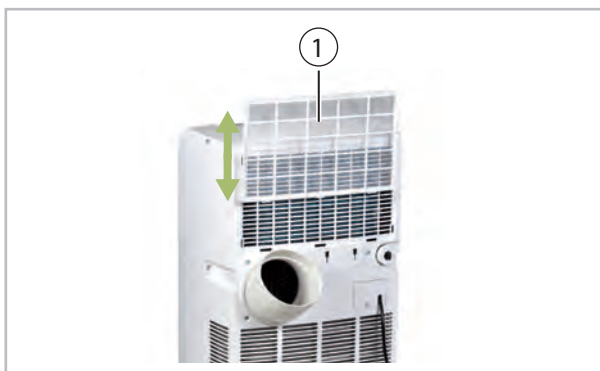


Fig. 15: Filter removal

1: Filter

- Clean the unit using a damp cloth. Do not use a jet of water.
- Do not use any caustic, abrasive or solvent-based cleaning products.
- Only use suitable cleaning agents, even in the event of severe soiling.
- Ensure that no moisture gets into the unit. Clean the exhaust air and outlet openings regularly and thoroughly. This is where dirt most often collects first

NOTICE!

Check the level of dirt on the on the exchanger fins.

- Clean the air filter on the indoor unit at regular intervals, and more frequently if necessary.
- It is recommended that you take out a maintenance contract with an appropriate specialist firm.



This enables you to ensure the operational reliability of the plant at all times!

Filter cleaning

The unit is equipped with an air filter. This can be withdrawn from the rear of the unit. The filter must be cleaned at regular intervals. Clean the air filter at intervals of no more than 100 operating hours. Reduce this interval in the case of heavily contaminated air.

Please proceed as follows in order to clean the unit:

1. ➤ Switch the unit off and pull out the power plug.
2. ➤ Pull the filter out of the unit (Fig. 15)
3. ➤ Clean the dust off the filter. Use a vacuum cleaner in the event of slight soiling. (Fig. 16)
4. ➤ In the case of heavy soiling clean the filter carefully in lukewarm water. (Fig. 17)
5. ➤ Subsequently allow the filter to dry in the air.
6. ➤ Insert the filter back into the unit.
7. ➤ Ensure that the filter is dry and undamaged.

NOTICE!

Never operate the indoor unit without the original filter. The heat exchanger fins on the indoor unit with soil up if operated without a filter and the device will suffer performance loss.



Fig. 16: Cleaning with a vacuum cleaner



Fig. 17: Cleaning with lukewarm water

10 Shutdown

! NOTICE!

Never switch off the equipment by pulling out the mains plug.

Temporary shutdown

If it is planned to shut down the unit for longer periods e.g. during the winter, proceed as follows:

1. ➤ Let the unit run in recirculating operation for ca. 2 hours in order to dry the surfaces of the evaporator fins. This will transport the remaining moisture out of the unit and this will avoid unpleasant odours when the unit is re-commissioned.
2. ➤ Switch the unit off with the "POWER" key, pull out the power plug and wind up the power supply. Ensure that the wiring is not kinked or too severely bent.
3. ➤ Place a suitable container underneath the condensate drain of the internal reservoir. The condensate drain is located on the lower rear side of the unit.
4. ➤ Pull out the stopper from the condensate drain and collect the condensate that drains out.
5. ➤ Then insert the stopper once again. A missing stopper or an incorrectly inserted stopper will result in condensate leaking out after re-commissioning.
6. ➤ Store the unit in an upright position in a cool, dry and dust-free location protected from direct sunlight. Cover the unit with a synthetic cover to protect it against dust if desired.

Permanent shutdown

The entire system should only be dismantled by a specialist firm familiar with all environmental aspects involved. REMKO GmbH & Co. KG or your sales partner will be pleased to provide details of refrigerant specialists in your area.

11 Exploded view and spare parts lists

11.1 Exploded view of the unit SKM 240

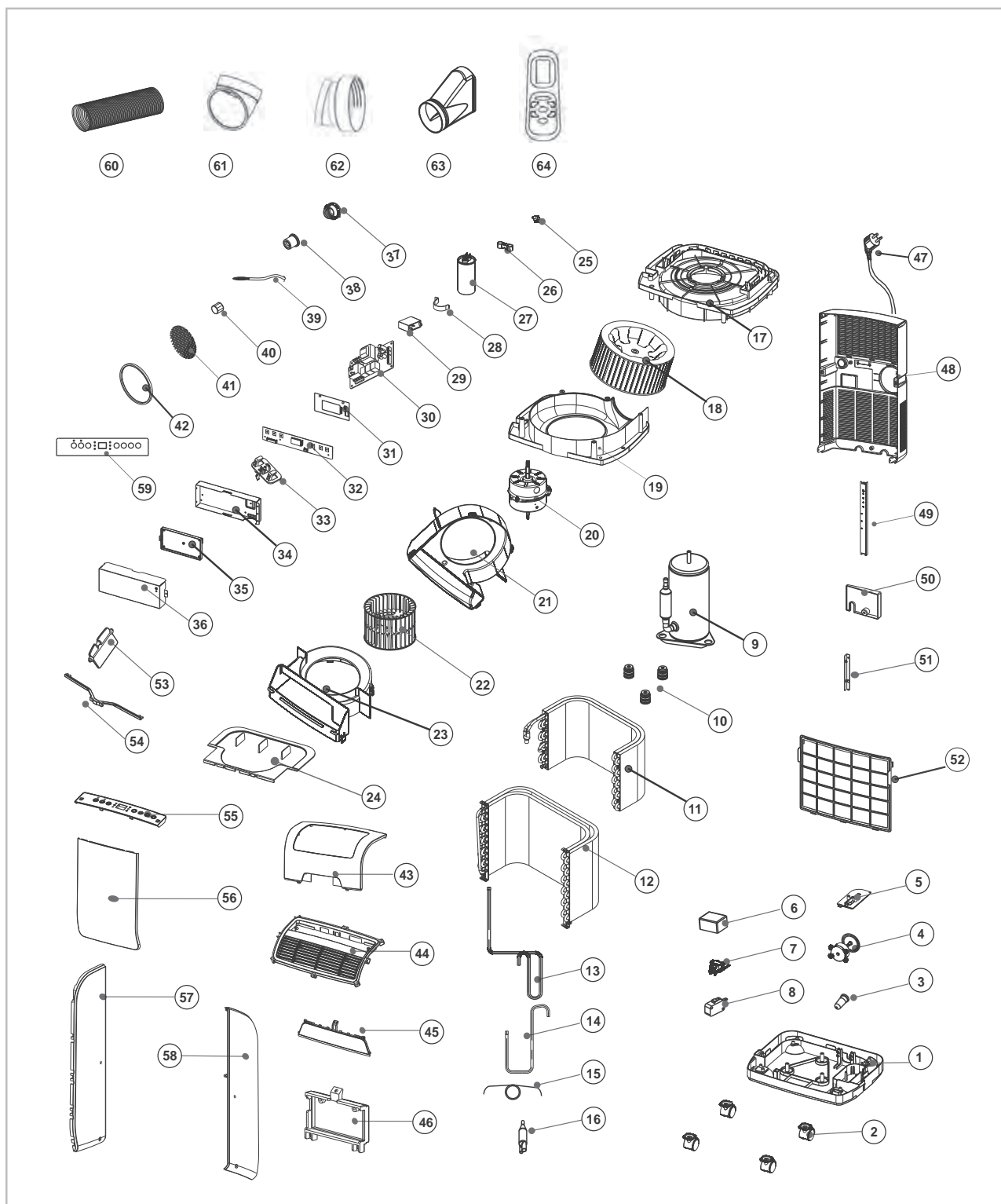


Fig. 18: Exploded view drawing SKM 240

We reserve the right to modify the dimensions and design as part of the ongoing technical development process.

11.2 Spare parts list SKM 240

Please contact REMKO GmbH & Co. KG directly to order spare parts.
All the spare part numbers for your unit can be found in the download area at www.remko.de.



IMPORTANT!

To ensure the correct delivery of spare parts, please always the device type with the corresponding serial number (see type plate)

No.	Designation	SKM 240
1	Unit base	On request by providing the serial number
2	Conveyor rollers	
3	Condensate container sealing stopper	
4	Condensate pump	
5	Condensate tank cover	
6	Condensate pump float	
7	Changeover switch fastening	
8	Condensate pump changeover switch	
9	Compressor	
10	Compressor vibration dampers	
11	Evaporator	
12	Condenser	
13	Suction pipe assembly	
14	Heat gas pipe assembly	
15	Capillary tube	
16	Condenser Y-distributor	
17	Condenser top part fan housing	
18	Condenser fan impeller	
19	Condenser bottom part fan housing	
20	Fan motor	
21	Evaporator bottom part fan housing	
22	Evaporator fan impeller	
23	Evaporator top part fan housing	
24	Air outlet plastic frame	
25	Counter nut	
26	Compressor electrical connection cover	
27	30 mF capacitor for compressor	
28	Capacitor fastening clip	
29	4 mF capacitor for fan motor	

No.	Designation	SKM 240
30	Control board	On request by providing the serial number
31	Display board	
32	Control panel	
33	Display board plastic fastener	
34	Control board housing	
35	Control board retaining plate	
36	Control board cover	
37	Condensate tank sealing stopper union nut	
38	Condensate container sealing stopper	
39	Temperature sensor, recirculation	
40	Condensate sealing cap	
41	Exhaust air hose air outlet protection grid	
42	Protection grid fastening frame	
43	Housing front cover	
44	Air outlet grid	
45	Display board plastic cover	
46	Display board housing	
47	Connection cable with Schuko plug	
48	Housing rear wall	
49	Fastening rail	
50	Connection cable cover	
51	Fastening bracket	
52	Air filter, recirculation	
53	Air guidance bracket	
54	Fin locking	
55	Control panel	
56	Housing front	
57	Side section, housing, left	
58	Side section, housing, right	
59	Control panel	
60	Exhaust air hose	
61	Exhaust air hose connection nozzle Window nozzle / wall pass-through	
62	Exhaust air hose connection nozzle, on unit side	
63	Window nozzle	
64	Infrared remote control	

REMKO SKM

No.	Designation	SKM 240
	Spare parts not illustrated	
	Probe, ambient air	On request by providing the serial number
	Accessories	
	Wall pass-through	1613115

11.3 Exploded view of the unit SKM 340

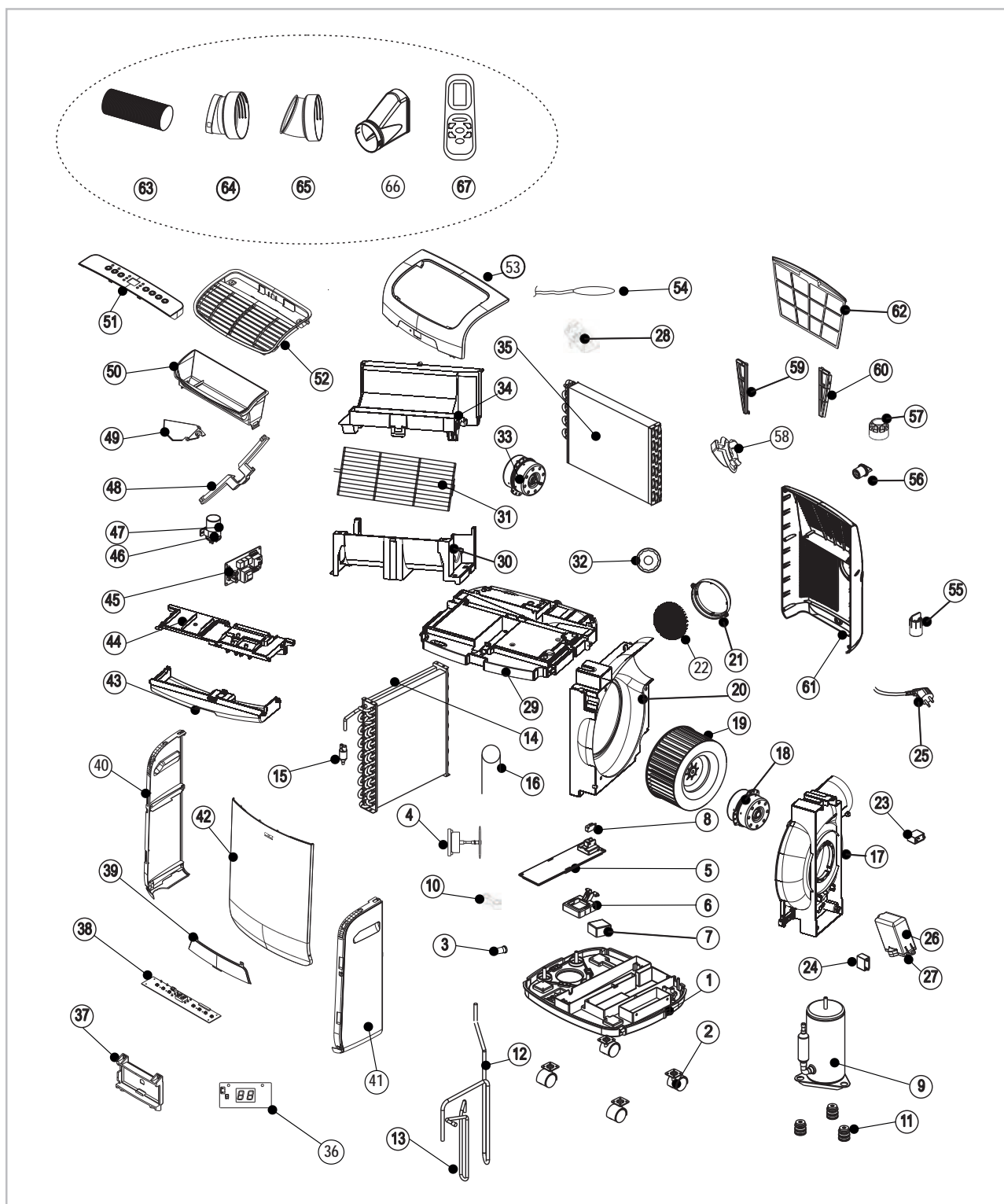


Fig. 19: Exploded view drawing SKM 340

We reserve the right to modify the dimensions and design as part of the ongoing technical development process.

11.4 Spare parts list SKM 340

Please contact REMKO GmbH & Co. KG directly to order spare parts.
All the spare part numbers for your unit can be found in the download area at www.remko.de.



IMPORTANT!

To ensure the correct delivery of spare parts, please always the device type with the corresponding serial number (see type plate)

No.	Designation	SKM 340
1	Unit base	On request by providing the serial number
2	Conveyor rollers	
3	Condensate container sealing stopper	
4	Condensate pump	
5	Condensate tank cover	
6	Float fastening	
7	Condensate pump float	
8	Condensate pump changeover switch	
9	Compressor	
10	Compressor electrical connection cover	
11	Compressor vibration dampers	
12	Suction pipe assembly	
13	Heat gas pipe assembly	
14	Condenser	
15	Condenser Y-distributor	
16	Capillary tube	
17	Fan housing, front side	
18	Fan motor, condenser	
19	Condenser fan impeller	
20	Fan housing, rear side	
21	Exhaust air hose fastening frame	
22	Exhaust air hose air outlet protection grid	
23	2.5 mF capacitor for condenser motor	
24	2.5 mF capacitor for evaporator motor	
25	Connection cable with Schuko plug	
26	Plastic cover	
27	Plastic cover fastening	
28	Fastening	
29	Evaporator housing base	

No.	Designation	SKM 340
30	Evaporator fan roller housing, bottom part	On request by providing the serial number
31	Fan roller	
32	Fan roller ball bearing	
33	Fan motor, evaporator	
34	Evaporator fan roller housing, top part	
35	Evaporator	
36	Display board housing	
37	Display board plastic fastener	
38	Control panel	
39	Display board plastic cover	
40	Side section, housing, left	
41	Side section, housing, right	
42	Housing front	
43	Housing front cover	
44	Fastening for evaporator housing, bottom part	
45	Control board	
46	Capacitor fastening clip	
47	35 mF capacitor for compressor	
48	Fin locking	
49	Air guidance bracket	
50	Air outlet plastic frame	
51	Control panel	
52	Air outlet grid	
53	Air outlet housing cover	
54	Temperature sensor, recirculation	
55	Condensate sealing cap	
56	Condensate container sealing stopper	
57	Condensate tank sealing stopper union nut	
58	Exhaust air hose adjustment lever	
59	Rear left side, plastic grid	
60	Rear right side, plastic grid	
61	Housing rear wall	
62	Air filter, recirculation	
63	Exhaust air hose	
64	Exhaust air hose connection nozzle Window nozzle / wall pass-through	
65	Exhaust air hose connection nozzle, on unit side	

REMKO SKM

No.	Designation	SKM 340
66	Window nozzle	
67	Infrared remote control	

No.	Designation	SKM 340
	Spare parts not illustrated	
	Probe, ambient air	On request by providing the serial number
	Accessories	
	Wall pass-through	1613115

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REMKO SKM

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Make use of our experience and advice*



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Air conditioning and heating technology

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Thanks to intensive training, our consultants are always completely up-to-date in terms of technical knowledge. This has given us the reputation of being more than just an excellent, reliable supplier:

REMKO, a partner helping you find solutions to your problems.

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REMKO offers not just a well established sales network both nationally and internationally, but also has exceptionally highly-qualified sales specialists.

REMKO field staff are more than just sales representatives: above all, they must act as advisers to our customers in air conditioning and heating technology.

SFlbCustomer Service

Our equipment operates precisely and reliably. However, in the event of a fault, REMKO customer service is quickly at the scene. Our comprehensive network of experienced dealers always guarantees quick and reliable service.

