



HIGH-PERFORMANCE FANS

The mobile power pack for construction and refurbishment



Issue 2020



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/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

Page	High-performance fans	Series
4-5	High-performance fan with turbo fan	RTV
6-7	High-performance fan with axial fan	RAV 35



REMKO RTV SERIES

High-performance fans



REMKO RTV SERIES

With turbo fan

Compact and powerful, universally usable for drying carpeting and repairing water damage, as well as drying hollow spaces and buildings under construction.

The combination of a powerful radial fan and thoroughly conceived accessories for the connection of air distributor hoses (RTV 35) makes the RTV series a particularly versatile solution for air circulation and cold or hot air transport. Due to its specially adapted air guidance function, the turbo fans generate a wide airflow close to the floor over wet flooring or moist screed. This airflow optimally distributes the room air and thus noticeably increases the drying speed.

But even in the case of supported wall and floor drying after water damage or as an aid in the drying of screed and buildings under construction, the RTV series renders valuable services. Through the connection of hoses, RTV 35 is particularly suited for the targeted ventilation or drying of hollow spaces. The RTV series is also ideal for the effective support of dehumidifiers in the drying of buildings under construction. Depending on environmental influences, such as temperature, the drying time can be drastically shortened through a combination of dehumidifiers and turbo fans. The units of the RTV series can be adjusted in three different mounting angles (0°, 45°, and 90°).

- Compact, powerful and energy-efficient
- High motor output and high pressure
- 2 fan speeds for an optimum air volume
- Mountable in various positions
- With integrated operating hour counter for RTV 20 and integrated operating hour counter and 6A mains socket for RTV 35
- Very handy with carrying handle
- Problem-free transport despite robust construction
- Stackable and thus lower spatial requirement for storage and transport
- Plastic housing for high robustness
- Low maintenance
- Tube lengths up to max. 30 m



Stackable



3 mounting positions possible



RTV35 control panel



Cable winder

Technical data

Unit type		RTV 20	RTV 35
Version		Turbo fan	Turbo fan
Ventilation capacity, 2-stage	m ³ /h	1200/1800	2000/2600
Max. pressure	Pa	310	620
Electrical connection	V/Ph/Hz	230/1~/50	230/1~/50
Max. power consumption	Watt	500	770
Fuse protection (on site)	A	16	16
Max. current consumption	A	2.3	3.3
Type of protection	IP	44	44
Sound pressure level 5 m *	dB(A)	58	65
Max. conveyor temperature	°C	40	40
Hose connection Ø (optional multi-connection adapter)	mm	–	100
Max. tube length (optional multi-connection adapter)	m	–	3 x 10
Dimensions – height/width/depth	mm	430/310/380	480/390/470
Weight	kg	10.5	16
Price			
Ref. no.		1610720	1610735

* Calculated for full sphere. Measurement according to EN ISO 9614:-2

Accessories

Unit type	RTV 20	RTV 35
Air distributor head, 3 outgoing lines with Ø 100 mm each	–	1009533
Fastening clamp Ø 100 mm	–	1009531
Air distributor hose 10 m, Ø 100 mm	–	1009532

REMKO RAV SERIES

High-performance fans



REMKO RAV SERIES

With axial fan

The mobile power pack for construction and refurbishment. Compact and powerful, universally usable.

The combination of a powerful axial fan and thoroughly conceived accessories for the connection of air distributor hoses makes RAV 35 a particularly versatile solution for aeration and ventilation, air circulation and cold or hot air transport, even over longer distances.

The RAV 35 high-performance fan was especially designed for hard practical requirements in rough, everyday work with high reliability, even in constant operation, at frequently changing areas of use.

RAV 35 is also ideal for the effective support of dehumidifiers in the drying of buildings under construction. Due to fast air movement, the layer of high air moisture on the material is broken up and the evaporation rate increases.

Walls, ceilings, and floors thus dry faster! The higher the flow speed on the moist material surface, the faster the drying process takes place. Depending on the respective environment and temperature, the drying time can be drastically reduced by the combination of dehumidifiers and the RAV 35 high-performance fan.

Through the use of additional fans, the evaporation is accelerated, whereby the drying process can be reduced by up to 50%.

- Compact and powerful
- High motor output and high pressure
- 2 fan speeds for an optimum air volume
- With integrated operating hours counter
- With connection ports on both sides for blow-out and intake
- Problem-free transport despite robust construction
- Very handy with carrying handle
- Stackable and thus lower spatial requirement for storage and transport
- Plastic housing for high robustness
- Low maintenance
- Hose lengths up to max. 38 m possible
- Optional dust bag for dust extraction



Optional dust bag



Stackable



Operating hours counter, series



Hot air hose connection

Technical data

Unit type		RAV 35
Design		Axial fan
Ventilation capacity, 2-stage	m ³ /h	1350/2900
Fan speeds		2
Max. pressure	Pa	500
Sound pressure level LpA 1 m	dB (A)	68 ¹⁾
Electrical connection	V/Ph/Hz	230/1~/50
Max. power consumption	Watt	750
Fuse protection (on site)	A	10
Max. current consumption	A	3.2
Type of protection	IP	44
Max. conveyor temperature	°C	40
Hose connection Ø	mm	300
Max. hose length	m	38
Cable length (230V mains cable)	m	4.5
Dimensions - height/width/depth	mm	440/380/420
Weight	kg	17
Ref. no.		1610635

¹⁾ Calculated for full sphere. Measurement according to EN ISO 9614-2

Accessories

Unit type		RAV 35
Special hot air tube		
Ø 305 mm, 7.6 m long, including clamping ring, adjustable		1009512
Tube extension		
For hot air tube, Ø 305 mm, including 2 fixing straps		1009760
Clamping ring		
Adjustable, separate, Ø 305 mm		1009508
Dust bag		
Filter class M, including clamping ring, adjustable		1009540



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



We reserve the right to make technical modifications. Information provided without guarantee!