

# DEHUMIDIFIER

*Dehumidifier with an  
absorption-rotor*

*Mobile Dehumidifier*

Version 2011/2012



# DEHUMIDIFIER

## REMKO ASF 100

*Dehumidifies air dries quickly and economically*  
*Effective up from 5°C room temperature*

### REMKO ASF 100

The compact and powerful dehumidifier can be used immediately and everywhere

Due to up to date technology it was possible to develop a powerful appliance without a compressor and refrigerant. Especially in a temperature range below 20°C the REMKO ASF 100 is very effective – see capacity diagram. Based on its compact design and very low weight the dehumidifier is easy to carry and ready for immediate use. Finally the high quality standard will be underlined by a good instrumentation and modern optic.

- very compact and an extremely low weight
- environment-friendly technology
- non-stop dehumidifying without defrosting
- wide temperature operation range between 1 and 40°C
- very high dehumidifying capacity already up from 5°C
- highly efficient
- 3-step fan
- swing function
- built-in ionic-generator for a better air-quality
- electronic controls
- 3 modes:
  - automatic
  - extra silent
  - maximum power

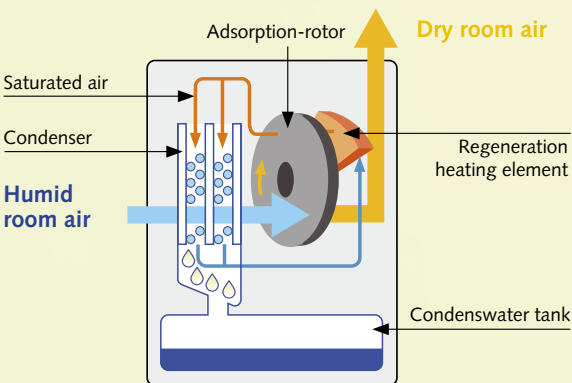
The environment-friendly dehumidifier

in LowTEMP-design with adsorption-rotor



REMKO ASF 100

### Schematic demonstration of the adsorption-rotor function



Clearly arranged control panel



Easy to carry thanks to a total weight of only 6,5 kg



Swing function for an optimal air-circulation



Easy access to the condensate-water tank



## REMKO ASF 100

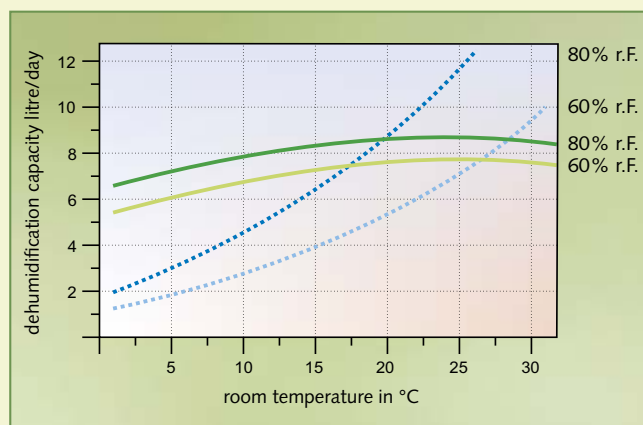
### Series with ionic-generator and air-filter

The built-in ionic-generator and air-filter produce a better air-quality in your environment. Additionally the unit can run in a „extreme silent“-mode. Thanks to its compact and low weight design the unit is ready for a flexible use.

### Application area's

- living rooms
- cellar rooms
- attic
- garages
- libraries, archives
- museums

### Dehumidification capacity



— REMKO ASF 100 with absorption-rotor      - - - - comparable unit with compressor technology

### Technical data

Series		ASF 100
Max. daily dehumidification capacity	Litre/day	8,7
at 20 °C and 70% relative humidity	Litre/day	8,0
at 15 °C and 60% relative humidity	Litre/day	7,0
Air volume	m <sup>3</sup> /h	150
Condenswater tank capacity	Litre	3,0
Application temperature range <i>LowTEMP</i>	°C	1-40
Application humidity range	% r.F.	45-100
Power supply	V/Hz	230/1~/50
Max. power consumption	kW/A	0,60 / 2,6
Depth	mm	300
Width	mm	195
Height	mm	500
Weight	kg	6,5
Ref. No.		1610090

# MOBILE DEHUMIDIFIER

## ETF Series

*Drying and dehumidifying  
More reliable than sun and wind*

### REMKO ETF 360-460 Series

The high-capacity compact dehumidifier can be used immediately and everywhere.

To a high percentage, moisture consists of condensate water that precipitates on cool wall surfaces. Water in bathrooms, washrooms, and other areas of the building make the problem worse. Windows and doors can also only be insulated to a certain degree; moisture penetrates even through thick cement walls.

The unit types ETF 360 and ETF 460 are distinguished by their exceptional equipment and high dehumidification performance. With a condensation pump installed by standard, the units can be used universally.

The accumulating condensation can be collected either in a built-in condensate container, drained through a hose to a lower-lying outlet or discharged to higher areas through the integrated condensation pump and 5 m plug-in-ready condensate hose.

- Built-in condensation pump with plug-in-ready condensate connection
- Very low operating costs
- Plug-in-ready equipment design
- Especially efficient with the use of a rotating-piston condenser
- 2-step fan
- Digital temperature and humidity display
- Fully automatic controls
- Moisture control via hygrostat connection
- Interference-free, constant use, even around the clock
- With built-in carrying handles and transport rollers

The high-capacity compact dehumidifier

in LowTEMP-design with built-in condensate pump



REMKO ETF 360  
Daily dehumidification capacity  
max. 36 Litre



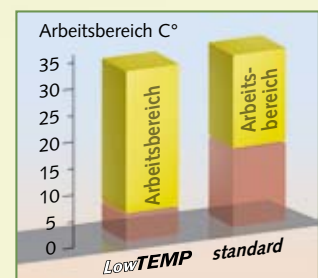
Clearly arranged control panel



With built-in carrying handles and transport rollers



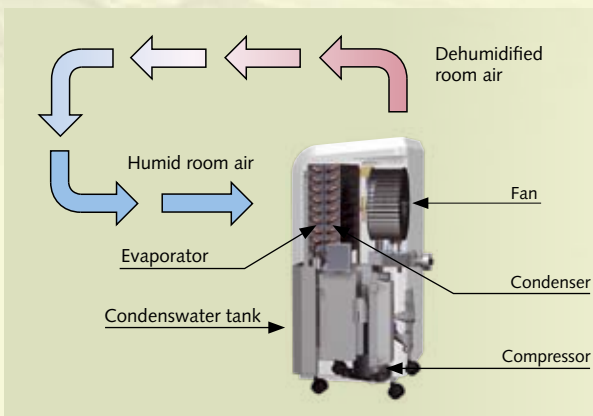
Built-in condensate pump



Dehumidification possible with this design at a temperature of 6°C or higher



### Functional diagramme



### Application area's

- living rooms
- cellar rooms
- attic
- garages
- libraries
- museums

### Technical data

Series		ETF 360	ETF 460
Max. daily dehumidification capacity	Liter/Day	36	46
at 30°C and 80% relative humidity	Liter/Day	32,9	42,3
Air volume	m <sup>3</sup> /h	320	310
Condenswater tank capacity	Liter	6,5	6,5
Application temperature range <i>LowTEMP</i>	°C	6-32	6-32
Application humidity range	% r.F.	40-100	40-100
Condenswater pump		built-in	built-in
Hygostat		built-in	built-in
Hot gas defrosting unit		Series	Series
Power supply	V/Hz	230/1~/50	
Max. power consumption	kW/A	0,55/2,7	0,89/3,95
Depth	mm	280	280
Width	mm	390	390
Height	mm	600	600
Weight	kg	16,5	21,0
Ref. No.		1610360	1610460

### Other accessories

Condenswater pipe, separate, per meter	1011206	1011206
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# MOBILE DEHUMIDIFIER

## ETF Series

**Drying and dehumidifying  
More reliable than sun and wind**

### REMKO ETF 400-550 Series

The high-capacity compact dehumidifier can be used immediately and everywhere.

With their robust construction, the ETF 400 and ETF 550 are ideally suited for construction site use and for leasing. The housing is made of galvanised and powder-coated steel sheet. The large wheels ensure easy handling. With the use of rotating-piston compressor and integrated hot-gas defrosting, the units operate very efficiently and save energy.

- Very low operating costs
- Plug-in-ready equipment design
- No overheated formation of dry air
- Interference-free, constant use, even around the clock
- Fully automatic controls
- Moisture control via hygrostat connection

- Portable with very low intrinsic weight
- Compact and thus easily transported in a car



REMKO Room hygrostat, **Type HR-1**, for fully automatic control, ready for plug assembly

The high-capacity compact dehumidifier  
in **LowTEMP**-design



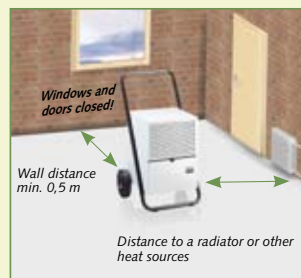
REMKO ETF 550  
Daily dehumidification capacity  
Max. of 55 Litres



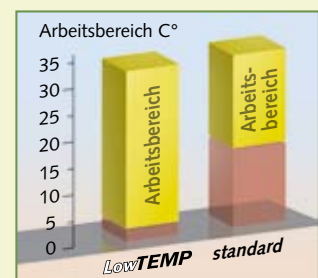
An operating hour counter is standard



Portable with very low movable weight



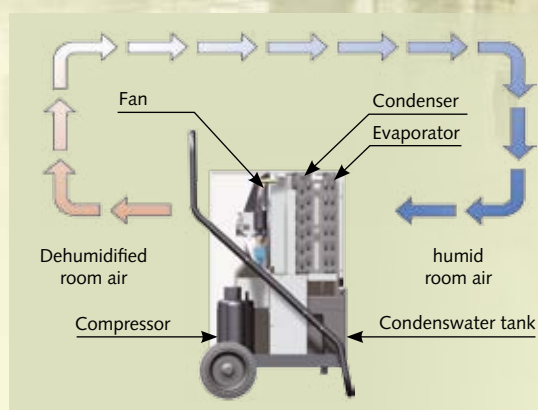
Installation instructions



Dehumidification possible with this design at a temperature of 3°C or higher



### Functional diagramme



### Application area's

- living rooms
- cellar rooms
- attic
- garages
- libraries
- museums

### Technical data

Series		ETF 400	ETF 550
Max. daily dehumidification capacity at 30°C and 80% relative humidity	Litre/day	43	55
Air volume	m <sup>3</sup> /h	390	600
Condensate tank capacity	Litre	6,5	6,5
Application temperature range	°C	3-32	3-32
Application humidity range	% r.F.	40-100	40-100
Operating hour counter		Series	Series
Hot gas defrosting unit		Series	Series
Power supply	V/Hz	230/1~/50	
Max. power consumption	kW/A	0,77/3,5	0,82/3,8
Depth	mm	590	590
Width	mm	555	555
Height	mm	890	890
Weight	kg	40,0	41,0
Ref. No.		1610410	1610550

### Other accessories

Hygostat, <b>Type HR-1</b> , ready for plug assembly adjustment 20-80% relative humidity	1011200	1011200
Condensate pump, built-in, incl. 10 m condensate pipe	1011205	1011205
Condensate pipe, separate, per meter	1011206	1011206

# REMKO INTERNATIONAL

*... and somewhere near you!  
Take advantage of our experience and  
consulting services.*



## Consulting

Through intensive training, we make sure the expert knowledge of our consultants is always up-to-date. This has given us the reputation of being more than just a good, reliable supplier: REMKO, a partner that helps solve problems.

## Sales

REMKO not only provides an extensive sales network in Germany and abroad, but also unusually highly qualified sales experts. REMKO sales representatives are more than just salespeople: they must also be customer consultants in air conditioning and heating technology.

## Customer care

Our devices function precisely and reliably. If a malfunction appears, however, REMKO Customer Care is on the job. Our extensive network of experienced dealers guarantees you constant, short-term, and reliable service.

**REMKO GmbH & Co. KG**  
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**Heating Technology**

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