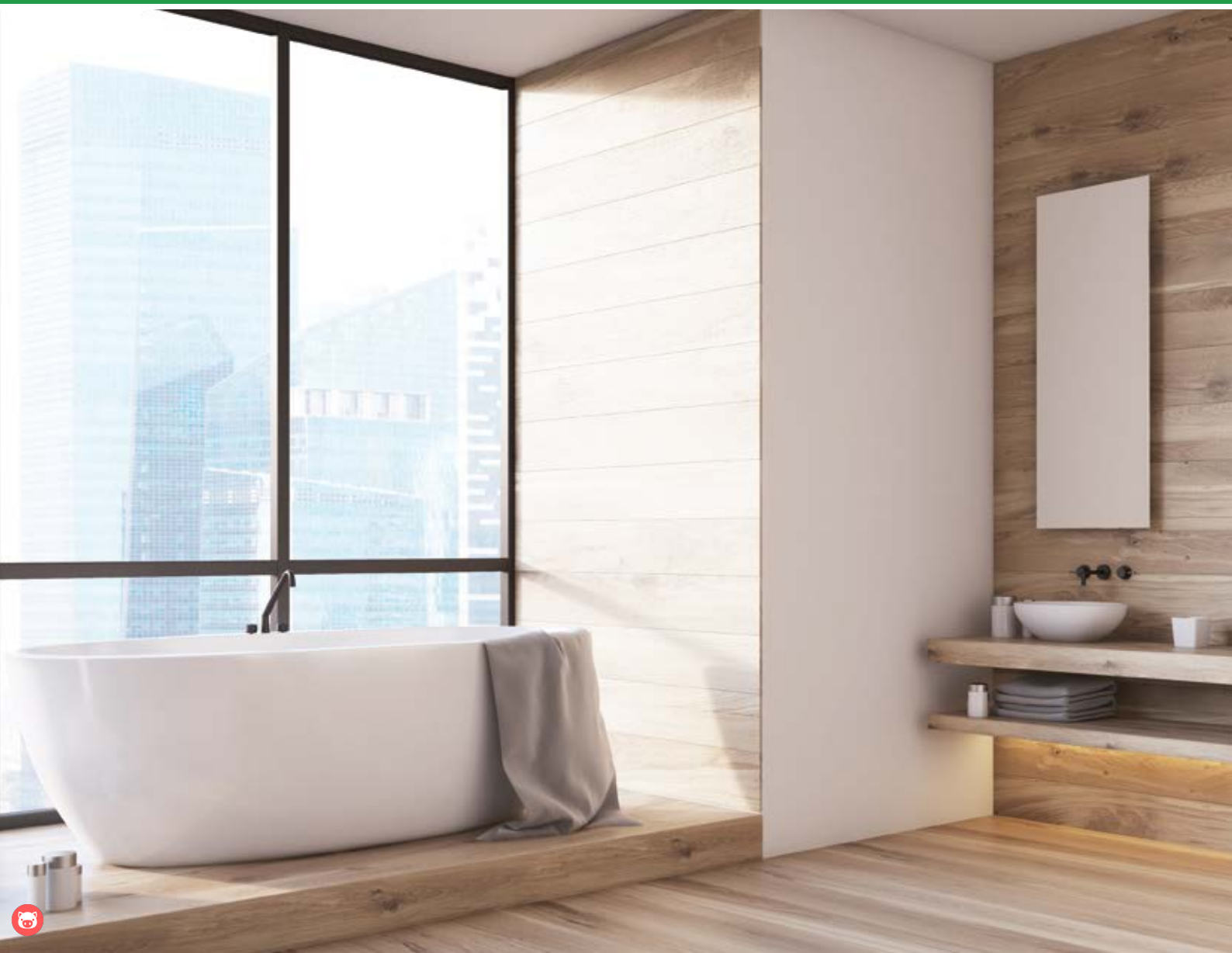


HOT-WATER HEAT PUMPS

Cost-saving hot-water preparation, installed quickly and easily
Air / water system



Price list | Issue 2022



REMKO RBW PV SERIES

Hot-water heat pumps



REMKO RBW PV SERIES

Hot-water preparation from the environment

Up to 70% of the heat energy is cost-free heat from the ambient air. This goes easy on the household budget and the environment. With the cool exhaust air, adjacent rooms can be air-conditioned and dehumidified. Of particular advantage is installation in rooms that are already subject to dissipation heat due to heat generators. The REMKO hot-water heat pump RBW is ready to plug in. Rapid and easy installation is guaranteed.

Profit from these advantages

- Enamelled hot-water tank, 300 l contents
- Quiet operation due to lobe-type compressor
- Electric booster heating 1.5 kW
- Combination with Solar and other heat generators
- Low spatial requirements
- Air-conditioning and dehumidification of adjacent rooms
- Channel connection up to 6 m possible
- Double corrosion protection due to magnesium anode
- With photovoltaic contact to increase the intrinsic current consumption
- Actuation of the "Solar" changeover valve for heating support



Compressed-air supply

Mounting at low ceiling heights is possible due to the laterally installed compressed air supply.



Touch-screen controller

- Adjustment of the water temperature
- Timer function
- Vacation program
- ECO mode
- Hybrid mode
- Legionella function
- Ventilation function
- Solar control
- Smart heating (photovoltaic) function

- **Water temperatures up to 60°C**
for the accommodation of large tap volumes
- **Incoming cold water flow technology**
The subsequent cold water flow is conducted down into the tank to prevent a mixing of the tank in case of a large tap volume.
- **Perfectly coordinated components**
to achieve the largest possible COP
- **Externally installed heat exchanger**
In this way, contamination is prevented and the best possible heat transfer is implemented.
- **Use of 2 tank sensors**
for precise temperature measurements
- **Very good insulation**
- **Specially formed fins**
for an effective heat transfer and maximum efficiency
- **Effective hot-gas thawing function**
for low air intake temperatures
- **Low mounting height**
due to compressed-air supply arranged at 45°



Technical data Price group 9

Device type		RBW 301 PV	RBW 301 PV-S
Hot-water tank content (net)	L	287	280
Hot-water temperature with heat pump	°C	55	55
Max. hot-water temperature	°C	60	60
Heating capacity	kW	1.8	1.8
Min./max. operating limit of the air intake temperature	°C	-7/+40	-7/+40
COP _w performance factor according to ErP ¹⁾		3.72	3.72
Seasonal performance factor (SCOP _w)		4.80	4.80
Energy efficiency rating		A+	A+
Heat retention loss S	W	44	44
Energy consumption, annual	kWh	1087	1087
Additional heat exchanger (connection on right)	m ²	-	1.5
Power supply	V/Ph/Hz	230/1~/50	230/1~/50
Power consumption of heat pump	kW	0.46	0.46
Power consumption of electrical heating element	kW	1.5	1.5
Air volume flow rate min. / max.	m ³ /h	175/350	175/350
Sound power level/sound pressure level, 3 m, semispherical	dB(A)	57.9/40.0	57.9/40.0
Refrigerant ²⁾		R 134a	R 134a
Basic refrigerant filling volume / CO ₂ equivalent	kg/t	1.25/1.79	1.25/1.79
Max. pipe length of supply air/exhaust air channel (at 150 mm ø)	m	6/6	6/6
Connector for supply air/exhaust air channel	mm	150	150
Hydraulic connector, water side	Inch	Internal thread 3/4	Internal thread 3/4
Condensate drain spout	Inch	Internal thread 1/2	Internal thread 1/2
Height/tipping dimensions	mm	1840/1920	1840/1920
Diameter ø	mm	640	640
Weight	kg	136	142
Price	€	2,620.-	2,830.-
Ref. no.		243505	243605

¹⁾ COP = coefficient of performance (heating capacity coefficient) for A20/W55 tap profile XL according to EN 16147 ²⁾ GWP = 1430

REMKO QUALITY WITH SYSTEMS

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