

POOL DEHUMIDIFIERS

Efficient room climate for private pool and wellness areas



Issue 2021



REMKO SLE 20 SERIES

Pool Dehumidifiers



REMKO SLE 20 SERIES

In addition to heating, the humidity in the air is an important factor for your well-being. If the air is too damp, then it is perceived as muggy and unpleasant. In addition, excessive humidity can damage the building substance and provide spores and fungus with an ideal place to grow.

The REMKO SLE 20 removes excessive humidity from the air and thereby provides a balanced and healthy room climate. Our modern dehumidifier systems are up to 60% more economical than traditional ventilation and heating. The easy-to-install and almost noiseless units with their decorative design can be used for your exclusive pool and private whirlpool area. Protect yourself from damaging moisture and upgrade with low maintenance pool dehumidifiers from REMKO.

- Simple installation
- Easy-to-service structure
- Up to 60% more economical than the traditional ventilation and heating systems
- Modern design
- Very quiet operation
- Eliminates formation of spores and moulds
- Prevent condensation on windows, walls and bath fixtures



REMKO SLE 20
With condensate container

Areas of application

- Exclusive bathrooms
- Whirlpool spas
- Sports studios
- Basements



Technical data

Unit type		SLE 20
Daily dehumidification capacity at 30°C and 80% relative humidity	Litre/day	10.5
Daily dehumidification capacity at 30°C and 60% relative humidity	Litre/day	7.5
Operating temperature range	°C	3-30
Operating humidity range	% relative humidity	40-100
Air flow rate	m³/h	220
Voltage supply	V/Ph/Hz	230/1~/50
Max. power consumption	kW	0.39
Max. current consumption	A	2.1
Refrigerant		R134a
Refrigerant, filling quantity	kg	0.19
Sound pressure level L _{pA} *	dB(A)	46
Depth	mm	240
Width	mm	535
Height	mm	600
Weight	kg	28
Ref. no.		615200

* Distance 1 m

Accessories

Unit type		SLE 20
Condensate container		
6 litres		1011405

REMKO SLE 45-85 SERIES

Pool Dehumidifiers



Areas of application

- Private pool areas
- Wellness spas
- Sports studios
- Storage rooms, archives
- Museums

REMKO SLE 45-85 SERIES

Series SLE 45-85 has been designed for private pools, larger whirlpool installations, and other rooms with high humidity. The unit removes excessive humidity from the air and thereby provides a balanced and healthy room climate. With their modern design, the devices integrate discreetly into every room. Through the option of equipping side sections with an LED lighting function, you can set a whole new scene in your room. You can update your swimming pool without any problems with the low maintenance pool dehumidifiers from REMKO.

- Simple installation
- Easy-to-service structure
- High ventilation capacity
- Modern design

- Up to 60% more economical than the traditional ventilation and heating systems
- Unproblematic, continuous operation
- Quiet operation through the use of highly efficient fans
- Prevent condensation on windows, walls and bath fixtures
- Eliminates formation of spores and moulds
- Electronic hygrostat installed
- RS485 interface for connection to external building control technology (Modbus)
- USB port for readout of operating data (datalogger)
- Cableless radio remote control for quick and uncomplicated surface mounting



Side section without LED lighting function



Side section with LED lighting function



LED RGB remote control



Radio remote control



Technical data

Unit type		SLE 45	SLE 65	SLE 85
Daily dehumidification capacity at 30°C and 80% relative humidity	Litre/day	47.0	78.0	104.0
Daily dehumidification capacity at 30°C and 60% relative humidity	Litre/day	35.5	56.2	78.8
Operating temperature range	°C	10-36	10-36	10-36
Operating humidity range	% relative humidity	40-100	40-100	40-100
Air flow rate	m³/h	400	680	900
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50	230/1~/50
Max. power consumption	kW	0.9	1.5	1.8
Max. current consumption	A	3.8	6.6	8.0
Refrigerant		R407C	R407C	R407C
Refrigerant, filling quantity	kg	0.7	0.9	1.2
Sound pressure level L _{pA} *	dB(A)	46	47	50
Depth	mm	335	335	335
Width	mm	1015	1165	1500
Height	mm	816	816	816
Weight	kg	62	76	103
Ref. no.		616450	616650	616850
Design: LED white				
LED lighting function in white				
Ref. no.		616451	616651	616851
Design: LED RGB				
LED lighting function in various colours settable by remote control, including white				
Ref. no.		616452	616652	616852

* Distance 1 m

Accessories

Unit type	SLE 45	SLE 65	SLE 85
Electronic radio remote control with LCD for the setting and display of temperature and humidity, including unit preparation	1011500	1011500	1011500
Stand support set	1011520	1011520	1011520
External moisture sensor Type HR-3, IP 30 protection class, without connector accessories	1011530	1011520	1011520
External moisture sensor Type HR-5, IP 65 protection class, without connector accessories	1011535	1011535	1011535

REMKO SLN SERIES

Pool Dehumidifiers

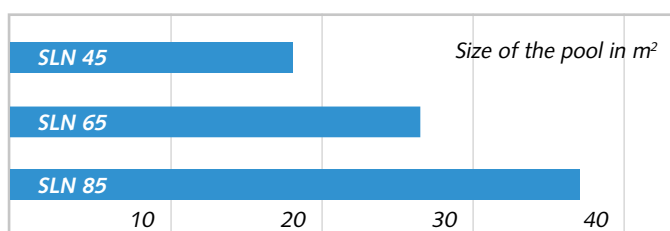


REMKO SLN SERIES

Series SLN 45-85 has been designed for private pools, larger whirl-pool installations, and other rooms with high humidity. The unit removes excessive humidity from the air and thereby provides a balanced and healthy room climate. With their modern design, the devices integrate discreetly into every room. You can update your pool without any problems with the low maintenance pool dehumidifiers from REMKO.

The correct device selection

The correct selection of a device depends mainly on the water surface of the pool. The graphic is only intended for general orientation. The exact selection of a unit depends on several factors, such as air and water temperature and frequency of use, as well as whether a cover is used over the pool area. For that reason, the selection should always be calculated by qualified expert personnel.



Orientation for unit election in the pool area.

- Simple installation
- Easy-to-service structure
- Up to 60% more economical than the traditional ventilation and heating systems
- Modern design
- Unproblematic, continuous operation
- Quiet operation through the use of highly efficient fans
- Eliminates formation of spores and moulds
- Prevent condensation on windows, walls and bath fixtures
- Electronic hygrostat installed
- High ventilation capacity
- RS485 interface for connection to external building control technology (Modbus)
- USB port for readout of operating data (datalogger)
- Cableless radio remote control for quick and uncomplicated surface mounting (accessories)



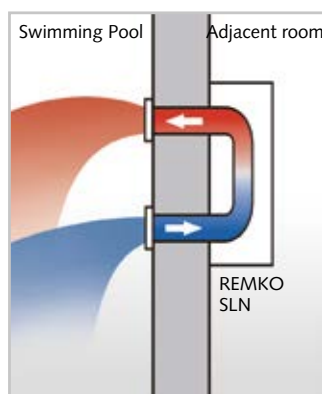
Radio remote control



Next-room set 2 SLN

Next-room set

With the SLN Series, you have the possibility to install the devices in the room next to the room to be dehumidified. The connection between the device and the room to be dehumidified is established through the air channel. Only ventilation louvres are visible in the pool area.



The next-room set consists of:

2 x appliance connection adapters

including pressure-tight plastic profile lips

2 x wall connections consisting of surface-coated steel plate for a wall thickness of max. 290 mm

1 x grille fitting connection for a non-screwed clamp fitting of the supply-air grille

1 x grille fitting connection for a non-screwed clamp fitting of the recirculating air grille with an additional mounting frame for a recirculating air filter

2 x air grilles made of powder-coated steel plating

1 x circulation air intake filter

Technical data

Unit type		SLN 45	SLN 65	SLN 85
Daily dehumidification capacity at 30°C and 80% relative humidity	Litre/day	47.0	78.0	104.0
Daily dehumidification capacity at 30°C and 60% relative humidity	Litre/day	35.5	56.2	78.8
Operating temperature range	°C	10-36	10-36	10-36
Operating humidity range	% relative humidity	40-100	40-100	40-100
Air flow rate	m³/h	400	680	900
Voltage supply	V/Ph/Hz	230/1~/50	230/1~/50	230/1~/50
Max. power consumption	kW	0.9	1.5	1.8
Max. current consumption	A	3.8	6.6	8.0
Refrigerant		R407C	R407C	R407C
Refrigerant, filling quantity	kg	0.7	0.9	1.2
Sound pressure level L _{pA} *	dB(A)	43	44	47
Depth	mm	294	294	294
Width	mm	998	1148	1483
Height	mm	700	700	700
Weight	kg	57	66	77
Ref. no.		616455	616655	616855

* Distance 1 m

Accessories

Unit type	SLN 45	SLN 65	SLN 85
Next-room set 2 SLN – multi-part next-room set consisting of surface compensated steel plating for recirculating air/supply air, including a powder-coated air grille and a circulation air filter	1011480	1011485	1011490
Electronic radio remote control with LCD for the setting and display of temperature and humidity, including unit preparation	1011500	1011500	1011500
Unit exchange adapter only for the unit exchange from Generation 1 to Generation 2	1011505	1011510	1011515
External moisture sensor Type HR-3, IP 30 protection class, without connector accessories	1011530	1011530	1011530
External moisture sensor Type HR-5, IP 65 protection class, without connector accessories	1011535	1011535	1011535

Dimensions of next-room set 2 SLN*

Unit type		SLN 45	SLN 65	SLN 85
Height	mm	106	106	106
Width	mm	604	791	1126
Length	mm	290	290	290

* Wall opening circular 5 mm larger

REMKO QUALITY WITH SYSTEMS

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