

# Dryers and ventilation equipment 2023/24



Perfection on principle.

**Wilms®**

# Dehumidifiers

Avoid water damage – simple, automatic, effective

Moisture can quickly cause damage to the affected material – e.g. due to mould. Goods, machines and equipment in storage, as well as vintage cars in the garage, can suffer if humidity levels are too high.

Wilms condenser dryers are the ideal solution here:

Simply place them in the room in question and plug in to a 230 V socket.

They have an enormous dehumidification output, despite the low energy consumption. They are considerably more economical than heating and ventilating. Windows and doors can remain closed; the water from the air is held in the integrated water tank or diverted away via a hose.



Dehumidifier for daily use e.g. in the garage, the cellar or the workshop



Professional condensation dryer  
Dehumidification capacity of up to 105 l in 24 hours

# Insulation dryers

Drainage for screed, cavity floors and flat roofs



**Water damage can lead to consequential damage: mould, bacteria and rot can all set in if you don't act quickly and take effective measures.**

Wilms' insulation dryers create an extremely effective system for drying areas below the screed or insulated constructions.

Compressors, separators, air filters and mufflers can be combined, depending on the size of the space in question, to dry the space quickly and without causing additional damage.



Water separator with 2 plugs to connect two compressors

# Drying and ventilating

Coordinated system components for effective drying

When it comes to large, drenched areas, it is the Wilms system that often comes to the rescue. The system has been able to save highly valuable items and prevent damage in its numerous deployments.

The combined use of underfloor dryers, professional dehumidifiers and axial and radial fans has proven its worth time and time again.



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Wilms company headquarters in Mönchengladbach.



# Luxury dehumidifiers

Enjoy energy-saving performance while improving the indoor climate

## Cost-effective convenience

The Wilms luxury dehumidifiers promote good health, help to preserve value and accelerate drying. In addition to preventing moisture damage and the formation of mould, they also serve to improve the room climate as a whole. Metal corrosion takes considerably longer when the relative air humidity is less than 60%. Dustmites, which can cause allergic reactions, cannot survive at normal room temperature where the relative air humidity is less than 45%.

Unlike the traditional method of drying a room through heat, using the condenser principle and drying with dehumidifiers only requires a fraction of the energy. Furthermore, it is possible to achieve a largely consistent air humidity level, high levels of comfort and automated operation with very low energy costs. The adjustable hygrometers are integrated in every model as standard and combine with the automatic defrosting system to optimise energy use. The running costs are similar to those of a regular domestic fridge. Castors, handles and a low weight ensure that the device can be easily used in any part of the home or business setting. Works with a standard 230 V plug socket.

## How it works

First, a quiet fan forces the room air through the cold fins of the compressor and then through the hot fins of the condenser. The compressor and condenser are both part of the same cooling system. In the compressor section, the air temperature is less than the dew point and the water vapour is condensed into water. The temperature of the dehumidified air as it leaves the machine is a few degrees above the temperature of the air entering the dehumidifier, thus absorbing some of the moisture from the surrounding area.

The condensed water is either collected in the integrated container, which features a full indicator, or can be directly discharged down the drain via the hose (included). Closed windows and doors actually increase the drying process, as they prevent moist outside air from entering the room in question.



## EF 150 / EF 260 Handy and compact dehumidifiers

**EF 150 and EF 260** are Wilms' most compact dehumidifiers. They are lightweight and, thanks to the fold-out handle or side handles, they can be easily carried or pushed to different locations. The drain hose (included) also means that the handy devices can be used in continuous operation.

These extra low-noise dehumidifiers come with a hygrostat and single-level (EF 150) or two-level (EF 260) fan as standard. So that you can create a healthy climate in all parts of the home.



EF 150

EF 260



## KT 520 The powerful dehumidifier

The largest luxury dehumidifier in the Wilms range. With **hot-gas defrosting** as standard.

Suitable for use in larger homes, garages, storage spaces, etc.

**This luxury device has been designed for use in rooms up to 300 m<sup>3</sup>.**



KT 520



Type	EF 150	EF 260	KT 520
<b>Order no.</b>	<b>3101500</b>	<b>3100260</b>	<b>3100520</b>
Typical room size up to approx. m <sup>3</sup>	75	130	300
Moisture range % relative moisture	30-80	30-80	40-90
Temperature range °C	5-35	5-35	5-32
Refrigerant	45 g R 290	50 g R 290	150 g R 290
Supply voltage V/Hz	230 / 50	230 / 50	230 / 50
Power consumption max. kW	0.28	0.35	0.57
Fuse A	10	10	16
Dehumidification performance max. l/24 h	10.0	20.0	25.0
Flow rate max. m <sup>3</sup> /h	150	260	520
Water tank volume litres	2	6	5
Dimensions (L x W x H mm)	185 x 276 x 480	251 x 371 x 645	330 x 355 x 570
Weight kg	9.5	16.0	25.0
GWP factor	3	3	3
CO <sub>2</sub> equivalent	0.00	0.00	0.00

All devices: Hermetic system. Contains fluorinated greenhouse gases permitted by the Kyoto Protocol.

# Luxury dehumidifiers

## Practical features

Wilms dehumidifiers are as versatile as they are practical.

Sensible features ensure they are easy to use and make Wilms dehumidifiers really convenient.



### EF 150 / EF 260



Replace the air filter in seconds without tools on the EF 150 and EF 260 models.



Intuitive touch-screen operation. Here on the EF 260.



### KT 520



A clear and easy to read control panel on the top:  
Adjustable hydrostat, display of operational readiness and full tank via LED.



Integrated water tank with connection nozzle for continuous drainage.



All devices: Hermetic system. Contains fluorinated greenhouse gases permitted by the Kyoto Protocol.



# Professional dehumidifiers

Fully automatic and environmentally friendly drying

## Intelligent drying solution:

Drying a room with heat and ventilation is uneconomical and less efficient. Drying with Wilms dehumidifiers in line with the condensation principle only requires a fraction of the energy and is considerably quicker. Protects valuable items of furniture, machines and vehicles from moisture damage.

Wilms condenser dryers are quick and thorough in helping masonry, wood, textiles, animal skins, packaging materials and sensitive bulk goods to be rescued from high levels of moisture. They protect against corrosion and spoilage and help to preserve pourability, for example. Drying without heat is an even process and thus helps to prevent the formation of cracks.

All the devices require just a normal household plug to function.



# Professional Eco range dehumidifiers

## KT 45, KT 65, KT 105 Robust design – easy to use

**KT 45 Eco:** This dehumidifier is equipped with a rotary compressor. It can condense up to 38 litres in 24 hours and is suitable for rooms up to 200 m<sup>3</sup>.

**KT 65 Eco:** This compact dehumidifier can condense up to 60 l in 24 hours. Suitable for room sizes up to 400 m<sup>3</sup>. It is also very easy to operate via the single switch.

**KT 105 Eco:** This dehumidifier for large rooms is distinguished by its capacity to condense up to 91 l in 24 hours. This professional device is suitable for rooms up to 800 m<sup>3</sup>. The display panel provides real-time information about the current operating status.



Large, easy-to-clean air filter



Water tank with connection for hose



Simple operation with on/off switch

Type	KT 45 Eco	KT 65 Eco	KT 105 Eco
<b>Order no.</b>	<b>3100145</b>	<b>3100165</b>	<b>3100105</b>
Typical room size up to approx. m <sup>3</sup>	200	400	800
Working range humidity % RH	50-90	50-90	50-90
Working range temperature °C	5-32	5-32	5-32
Dehumidification capacity (32°C, 80 % RH) l/24h	38	60	91
Rotary compressor	Yes	Yes	Yes
Refrigerant	150 g R 290	650 g R 454 C	1050 g R 454 C
Supply voltage V/Hz	230 / 50	230 / 50	230 / 50
Power consumption kW	0.610	1.3	1.902
Current consumption/pre-fuse A	2.8/16	5.9/16	8.6/16
Flow rate m <sup>3</sup> /h	520	1000	1200
Water tank volume litres	8.0	8.0	15.0
Dimensions (L x W x H) mm (incl. push handle)	560 x 550 x 905	570 x 555 x 1000	640 x 605 x 1075
Weight kg	35.0	50.0	55.0
GWP factor	3	146	146
CO <sub>2</sub> equivalent t	0.00	0.095	0.153

All devices: Hermetic system. Contains fluorinated greenhouse gases permitted by the Kyoto Protocol.

# Professional dehumidifiers

Fully automatic and environmentally friendly drying

## Practical features:

Wilms' range of dehumidifiers has the right dehumidifier for every situation. All dehumidifiers are easy to use and come with all the features you need. They are practically maintenance-free and often provide decades of service. The only maintenance required is changing the air filter from time to time, depending on the level of use, and it can be done in just a few simple steps.

All models have large wheels for convenient transportation – including up and down stairs – and flexibility on location.



They can be stacked and, depending on the model, also come with various attachment options for practical accessories, such as flexible air hoses, a condensate pump for the continuous removal of water or a drain hose for continuous operation.



All devices: Hermetic system. Contains fluorinated greenhouse gases permitted by the Kyoto Protocol.

# Professional dehumidifiers

## KT 330, KT 430 Intense drying to combat damp and moisture issues

Wilms dehumidifiers provide fully automated, environmentally friendly, reliable and rapid drying for rooms, masonry and materials. They work quickly and thoroughly to remove moisture, e.g. from concrete, wood, textiles, boxes and powdered spices. They prevent corrosion and protect valuable antiques and artworks in museums. They guarantee gentle, effective drying, as the cold air dries evenly and prevents cracks from forming. Work can be continued in the rooms in question without any heat, dust or noise issues. All devices are operated via touch screen, which provides information about operating hours and electricity consumption, as well as error messages. The integrated hygrostat keeps the relative air humidity at a constant level. The built-in rotary compressor ensures low energy consumption values.

**All Wilms dehumidifiers are powered by eco-friendly refrigerants.**

### The compact model: KT 330:

With a dehumidification capacity of up to 38 litres in 24 hours, it is perfect for room sizes up to 180 m<sup>3</sup>. Easy to transport, ideal for industry, at home or holiday houses.



### The handy model: KT 430:

Dehumidification capacity of up to 50 l in 24 hours. Electronically controlled. For rooms up to 300 m<sup>3</sup> in size.



Condensate pump (accessory) in the water tank for continuous water removal.



Type	KT 330	KT 430
Order no.	3103300	3100430
Typical room size up to approx. m <sup>3</sup>	180	300
Working range humidity % RH	40-100	40-100
Working range temperature °C	3-35	3-35
Dehumidification capacity (32/35°C, 80 % RH) l/24h	36	50
Rotary compressor	Yes	Yes
Refrigerant	410 g R 454 C	450 g R 454 C
Supply voltage V/Hz	230 / 50	230 / 50
Power consumption kW	0.80	0.90
Current consumption/pre-fuse A	3.6/16	4.1/16
Flow rate m <sup>3</sup> /h	300	400
Water tank volume litres	7.1	13.8
Dimensions (L x W x H) mm (incl. push handle)	510 x 412 x 740	560 x 530 x 820
Weight kg	30.5	42.0
GWP factor	146	146
CO <sub>2</sub> equivalent t	0.06	0.07

All devices: Hermetic system. Contains fluorinated greenhouse gases permitted by the Kyoto Protocol.

# Professional dehumidifiers

**KT 580, KT 830, KT 1130** Fast, thorough, eco-friendly

## The versatile model: KT 580:

Fitted with a 1 kW heating element as standard, it can manage up to 50 l per 24 hours. The high pressure means that the dry air can be directed right to the problem areas via flexible hoses.



## The powerful model: KT 830:

The professional device with an extremely high capacity of up to 75 litres per 24 hours has been designed for rooms up to 400 m<sup>3</sup>. Really easy to operate via the multifunctional display.



## The large model: KT 1130:

With an impressive capacity of 105 l per 24 hours, this is one of the largest dehumidifiers in the Wilms range. The electronic controls keep you up-to-date about the latest operating status. For use in rooms up to 700 m<sup>3</sup> in size.



Flexible air hoses (accessory) for more effective drying in problem areas



Multifunctional display (as standard on all models) Shows operating status



Connection for drain hose (standard for KT 1130) For continuous water removal



Type	KT 580	KT 830	KT 1130
Order no.	<b>3105800</b>	<b>3108300</b>	<b>3111300</b>
Typical room size up to approx. m <sup>3</sup>	350	400	700
Working range humidity % RH	40-100	40-100	40-100
Working range temperature °C	3-35	3-35	3-35
Dehumidification capacity (32/35°C, 80 % RH) l/24h	50	75	105
Rotary compressor	Yes	Yes	Yes
Refrigerant	450 g R 454 C	650 g R 454 C	1600 g R 454 C
Supply voltage V/Hz	230 / 50	230 / 50	230 / 50
Power consumption kW	1.90	1.30	1.90
Current consumption/pre-fuse A	8.4/16	5.6/16	8.3/16
Flow rate m <sup>3</sup> /h	600	800	1000
Water tank volume litres	13.8	13.8	Continuous drainage
Dimensions (L x W x H) mm (incl. push handle)	560 x 530 x 820	560 x 535 x 900	635 x 615 x 980
Weight kg	42.0	43.5	62.0
GWP factor	146	146	146
CO <sub>2</sub> equivalent t	0.07	0.09	0.23

All devices: Hermetic system. Contains fluorinated greenhouse gases permitted by the Kyoto Protocol.

# Accessories for dehumidifiers

## External hygostat

Order no. 3102004

Controls the desired air humidity level within the room.

This accessory is an ideal addition to the Eco range, which doesn't come with a hygostat as standard.



## Interior climate measuring device

Order no. 3102000

This measuring device is a thermometer and hygrometer in one.

It doesn't just measure the relative air humidity, it also measures the room temperature, providing accurate measurements for the room climate.



## Condensate pump conversion kit

Order no. 3103756 (KT 330)  
3103755 (KT 430/580/830)  
3103757 (KT 45/65/105 Eco)

The condensate pump conversion kit makes it possible to pump the condensate water from the water tank to an elevated outflow or a wash basin via a hose. As such, the machine can be run continuously without the need to empty the water tank. This conversion takes just 2 minutes.



# Luxury air purifiers

Remove viruses, odours and harmful substances

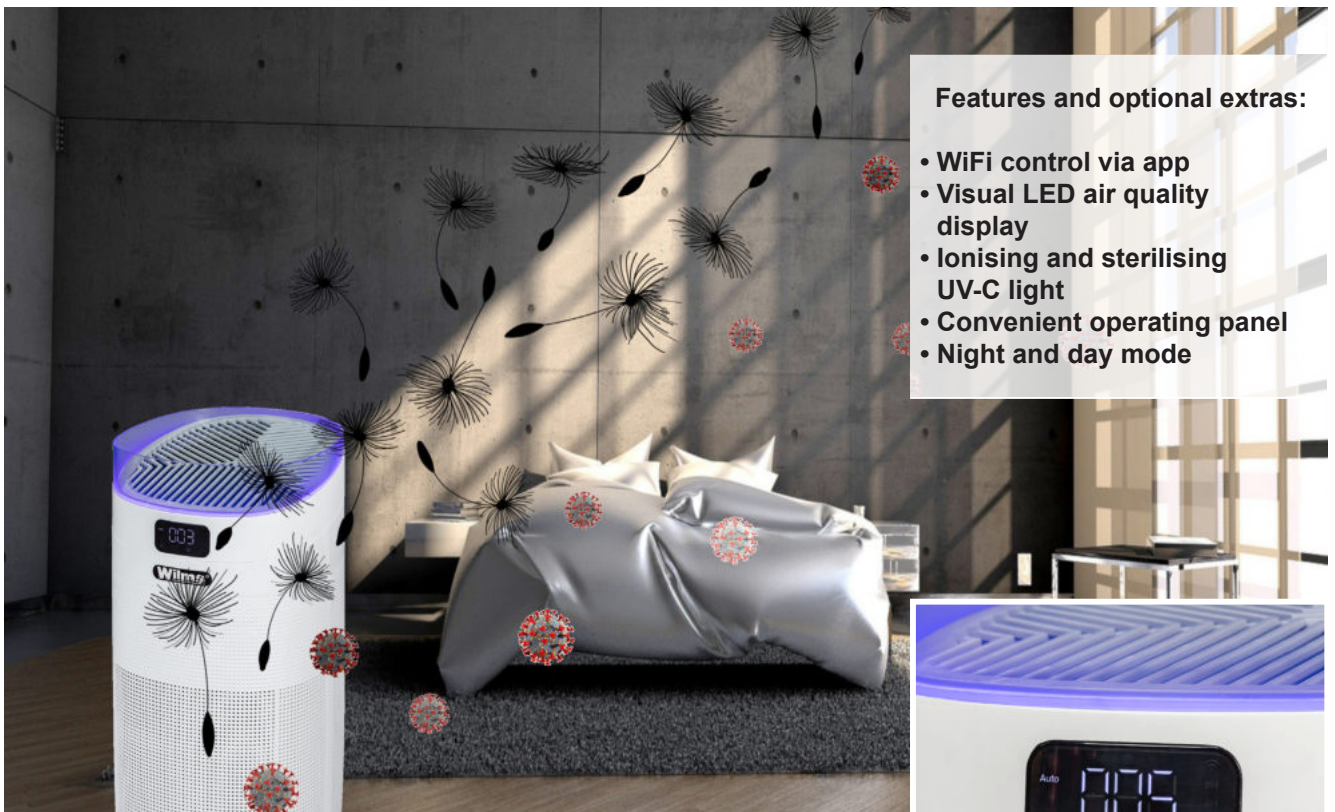
**NEW PRODUCT**

The **Virus Air Purifier LR 50** comes in a high-quality, modern design and fits seamlessly into any room. The device constantly measures and automatically regulates the level of harmful substances in the air. Fitted with a HEPA H14 filter and an active carbon filter to achieve a **precipitator efficiency of 99.995%** for all particles.

**Sterilising UV-C light and an ioniser are also on hand to kill bacteria, odours and harmful substances.**

Air purification is required everywhere where there are people.

The Wilms LR 50 air purifier is suitable for use in restaurants, apartments, offices, training rooms, classrooms, nurseries, offices, surgeries, gyms, etc.



## Features and optional extras:

- WiFi control via app
- Visual LED air quality display
- Ionising and sterilising UV-C light
- Convenient operating panel
- Night and day mode

Convenient operating panel on the front of the device



Type	LR 50
Order no.	8050050
Supply voltage V/Hz	230 / 50
Power consumption kW	0.06
Typical room size m <sup>2</sup>	50
Flow rate max. m <sup>3</sup> /h	320
Filter class	H 14 main filter
Sound level dB (A)	56
Dimensions (L x W x H) mm	275 x 308 x 565
Weight kg	5.2

# Air purifiers

## LF 3000, LR 1400 for cleaner and healthier working

The **LF 3000** is an air filter, which, when combined with the AV 3105 fan (see page 21), is the ideal solution for all types of work where a lot of dust is generated.

**Flexible air hose 305 mm Ø**  
**Order no. 6169149**

Can be attached to the suction piece on the LF 3000 or to the exhaust connection on the AV 3105.

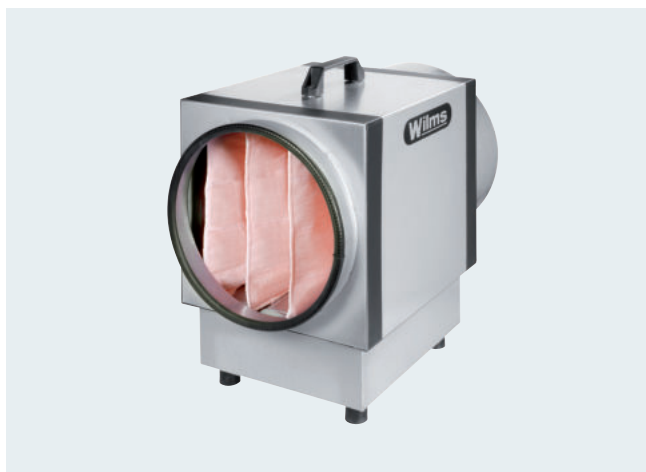
The **LR 1400** air purifier is a portable, low-maintenance filter unit that is primarily used to remove dust during renovations in small to medium spaces. The filters (accessories) are quick and easy to replace.

There are different classes of filter available: **M (Order no. 8000541)** and **H (Order no. 8000540)**

contain a 5-pack of G4 pre-filters, an intake adapter and hose, as well as the main F9 or H14 filters. Members of the **BG-Bau** can apply for the relevant match funding for these packs.

More information can be found at [www.bgbau.de](http://www.bgbau.de).

The device can be used in either circulating air or negative pressure mode.



**BG BAU**  
 Berufsgenossenschaft  
 der Bauwirtschaft

LF 3000 with AV 3105 fan and air hose.



LR 1400 with intake adapter and hose



Fans see pages 20 and 21.

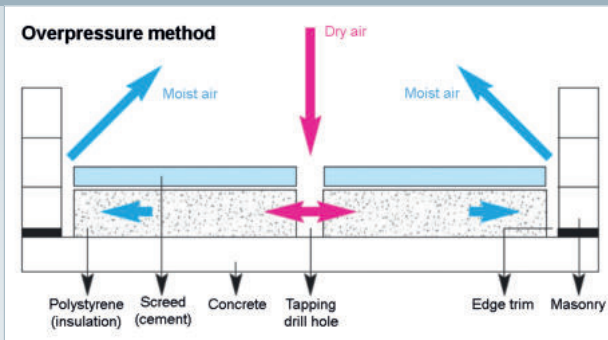
Type	LF 3000	LR 1400
Order no.	8053000	8051400
Supply voltage	-	230 V / 50 Hz
Current consumption max. W/A	-	170 / 1.2
Filter class	F7 bag filter	G4 pre-filter, F9 or H14 main filter
Air flow max. m <sup>3</sup> /h	3500	1300
Hose connection mm	300	200
Sound level dB (A)	-	70
Dimensions (L x W x H) mm	490 x 310 x 480	500 x 450 x 490
Weight kg	7.5	14.5



# Insulation dryers

When it comes to drying insulation, there are two different methods available

## The overpressure procedure

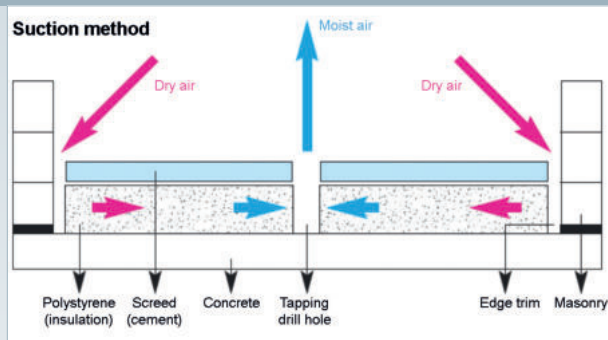


In this procedure, a compressor forces air through the insulation layer via openings – e.g. base nozzles in screed floors. The air then escapes into the room through openings in the edge joints. As the air is forced through the insulation, it absorbs the moisture from the wet insulation. This moisture is then dried by a dehumidifier within the sealed room.

This cycle continues until the normal balance of moisture is achieved.

Depending on the structure of the insulating layer, a 1.1 kW compressor can cover a space of up to 50 m<sup>2</sup>.

## The underpressure or vacuum procedure



In this procedure, a compressor suctions the moist air from the insulating layer through openings – e.g. via base nozzles in screed floors. Dry room air is then fed in via open edge joint areas. This cycle continues until the normal balance of moisture is achieved.

In order to avoid the compressor being damaged by water and solid particles, a precipitator must be connected upstream using the underpressure process.

The Wilms AS 80 precipitator is a portable sensor-controlled, electric filter station with the following features:

- Separates water and solid particles
- Automatically controlled pumping of the separated water, controlled via sensors
- When using a second compressor on the AS 80's second socket, a time relay makes it possible to run this time-delayed from the first compressor.

## Benefits of the negative pressure or suction process over the overpressure method

- Water in the insulating layer cannot be pushed into adjacent areas
- No blooming in natural stone floors
- No risk of bulging or splitting in screed floors
- Protection against the air becoming contaminated by hazardous substances (mould spores, allergens, mineral fibres, etc.) when using a downstream filter unit with a H13 filter
- Permitted for use in hospitals, schools, retirement homes, nurseries, etc.

The AS 80 precipitator is suitable for drying insulation with standing water in submerged screed floors, single-skin flat roofs, cavity flooring, etc., as well as for use in smaller areas up to 40 m<sup>2</sup> with a VD 40 unit and for larger areas up to 80 m<sup>2</sup> when two VD 40 units are connected to the AS 80 precipitator. The non-return valves in the precipitator prevent the accidental start-up of the compressor when using two VD 40 units.

# Insulation dryers

## VD 40 / VD 40-SVS\*



Compressor in a robust noise-insulated metal housing with a suction and pressure connection for 38 mm and 50 mm hose systems. The compressor has an additional socket 230 V / 10 A (e.g. for dehumidifiers), amperemeter and a counter showing operating hours and MID power consumption counter.

<b>Type VD 40</b>	<b>Order no. 8000600 (see image)</b>
<b>Type VD 40-SVS</b>	<b>Order no. 8000601</b>
Volume flow m <sup>3</sup> /h	145
Overpressure mbar	+190 for max. 50 m <sup>2</sup> area
Negative pressure mbar	-170 for max. 40 m <sup>2</sup> area
Power consumption kW	1.1
Supply voltage V/Hz	230 / 50
Dimensions (L x W x H) mm	370 x 400 x 405
Weight kg	28.5

## AS 80 / AS 80-SVS\*



Precipitator for water / solid particles in robust metal housing with suction port for 38 mm and 50 mm hose systems, as well as two additional sockets for connecting up to two compressors.

<b>Type AS 80</b>	<b>Order no. 8000605</b>
<b>Type AS 80-SVS</b>	<b>Order no. 8000606 (see image)</b>
Fuse	Ground fault circuit interrupter built in
Pump pumping output max. l/h	7000
Pump output height max. m	8
Power consumption kW/h	0.4
Supply voltage V/Hz	230 / 50
Dimensions (L x W x H) mm	370 x 400 x 560
Weight kg	21.5

## SD / SD-SVS\*



Efficient muffler for the VD 40 compressor

<b>Type SD</b>	<b>Order no. 8000401</b>
<b>Type SD-SVS</b>	<b>Order no. 8000404</b>
Air flow m <sup>3</sup> /h	170
Hose connection mm	50
Dimensions (L x W x H) mm	340 x 150 x 255
Weight kg	4.1

\* SVS = quick-action system

# Accessories for insulation dryers

Easy to use thanks to the SVS quick-action locking system

The SVS quick-action locking system is new and revolutionary. Simply screw the SVS quick-action locking system onto the end of the hose and then connect the VD 40 or AS 80 with a 1/4 rotation. Hoses can be quickly and easily connected in the same way using the T-piece.

Any openings on the SVS system that are not in use can be securely sealed with end caps. Other components (see standard accessories) can also be easily attached to the SVS accessory using SVS adapters (Order no. 8000623 or 8000624).

## Standard accessories



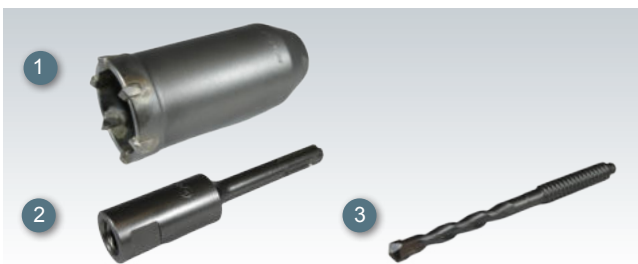
Description	Order no.
1 = Y-connector	8000306
2 = T-piece	8000305
3 = Tile spacer system	8000303
4 = Edge grout nozzle 300 mm stainless steel	8000310
5 = Edge grout nozzle 500 mm stainless steel	8000302
6 = Three-way connector (40 mm)	8000285
7 = Five-way connector (40 mm)	8000300
8 = Hose connector (40 mm)	5920045
9 = Base nozzle (40 mm)	8000308
10 = Hose clip (32-50 mm) pack of 5	8000640

## SVS accessories



Description	Order no.
1 = SVS hose connection nozzles (50 mm)	8000626
2 = SVS end cap	8000621
3 = SVS T-piece	8000627
4 = SVS adapter (38 mm)	8000624
5 = SVS adapter (50 mm)	8000623
6 = Extraction connector (32 mm)	8000614
7 = SVS floor adapter, tight nozzle	8000622
8 = SVS hose connection nozzles (38 mm)	8000625

## Hammer drill bit set



Description	Order no.
1 = 50 mm drill bit with ratio thread	8000645
2 = 110 mm long coupling with ratio thread and SDS-Plus drill chuck	8000646
3 = Centre drill 12 mm, 155 mm long with ratio thread	8000647

# Flood set with effluent pump

## SWP 9000 Effluent pump

**For lightly contaminated water with no aggressive chemicals**

The stainless steel motorised immersion pump with a mechanical seal in the oil tank is suitable for pumping effluent or clean water. It can be used to remove dirty water, to drain cellars and garages, to empty pump chambers and containers for seepage and rainwater, and to remove grey water from washing machines, dishwashers and showers.



## FS 9000 Flood set with effluent pump (complete set)

**Flood set with effluent pump**

The flood set consists of a plastic carry/filter basket and contains the effluent pump SWP 9000, as well as a C-hose (15 metres), a C-coupling with a threaded connection and a flat suction device made from impact-resistant plastic for suction up to 3 mm residual water level.



Type	SWP 9000	FS 9000 (complete set)
Order no.	3110501	3110500
Supply voltage V/Hz	1~230 / 50 ± 10%	
Feed rate Q m <sup>3</sup> /h	1.2 - 9.0	
Delivery head H m	1.5 - 7.6	
Max. liquid temperature °C	+ 50	
Number of poles	2	
Max. inlet for solids mm	10	
Insulation class	F	
Type of protection	IP 68	
Max. immersion depth m	5 with 10 m cable / 2 with 5 m cable	

# Radial fan with LED and pivot arm

## DFL 3000 Dock fan light

**NEW PRODUCT**



**For use at loading docks and ramps in transportation (e.g. haulage).**

This fan with LED, pivot arm bracket and pivot arm has been specially designed for use in haulage, large warehouse companies and container terminals.

It is ideal for the manual loading and unloading of vehicles, trailers and swap bodies. With LED lighting for additional visibility.

The system is mounted on docks or ramps to ventilate containers or loading bridges with a high-power fan to quickly remove vapours, fumes and odours that have amassed during several months at sea.

The pivot arm features 3 hinges for the flexible operation of the fan in different directions without exertion. The LED light on the fan provides ideal lighting, including in the depths of the freight space.



- Helps to improve air circulation for the warehouse staff
- Professional, powerful radial fan with adjustable articulated arm
- Compact, robust and long-lasting casing
- Different speeds with 3-way switch
- Air quantity 1,800 m<sup>3</sup> /hour
- LED lighting for additional visibility inside the vehicle space
- The fan and LED light can be used together or separately

Detailed view DFL 3000:  
Hanger for the  
Wilms pivot arm

Type	DFL 3000
Order no.	8003000
Supply voltage V/Hz	230 / 50
Motor power kW	0.56
Current consumption max. A	2.41
Switch levels	3
Flow rate max. m <sup>3</sup> /h	1800
Dimensions (L x W x H mm)	475 x 425 x 586
Weight kg	17.5
Sound level db(A)	73.5
Light output LED W	50

Type	Wilms pivot arm
Order no.	8003010
Supply voltage V/Hz	230 / 50
Material	ST 37 powder-coated
Current load max. A	10.0
Load kg	25.0
Steel profiles mm	40 x 40 x 2
Max. depth	105
Weight kg	7.0

# Fans with radial fan

## RV 550, RV 2800 For ventilation, drying and dust removal

Whether for the ventilation or airing of building sites, archives, halls and warehouses, in farming, to accelerate the drying out of buildings, or for dust removal – Wilms fans are the right choice.

The RV 550 and RV 2800 turbo fans feature powerful radial fans and a flat exhaust opening to generate a wide flow of air close to the ground. When combined with a dehumidifier, they can be used to accelerate the drying of wet screed, floors or carpets. Thanks to its compact dimensions, the RV 550 fan is ideal for small spaces and cavities. The RV 2800 can be stacked to save space. With its three power settings, it is easy to adjust the air flow to suit the circumstances. An integrated socket is a really useful detail – it means you can connect additional fans or a dehumidifier. The three-way connector makes it possible to direct the air flow into hard to access areas via hoses:

**3-way adapter  
(Order no. 8000449)**

**Flexible air hoses  
(Order no. 8000446)**

The RV 550 is an extremely handy and economical radial fan for smaller spaces up to approx. 250 m<sup>3</sup> and is very quiet.

It can be set up in three different positions:

horizontal, 45° or 90° (vertical).

The RV 2800 is a radial fan with three power settings and a versatile set-up offering three different positions. (see RV 550)

An additional plug socket means that you can also operate an additional electrical device.

### RV 550



45° position for optimum air circulation



Protected trigger switch

### RV 2800



Device with 3-way adapter and 3 hoses. (optional extras)



Rotary switch and additional plug socket

Type	RV 550	RV 2800
Order no.	8000550	8002800
Supply voltage V/Hz	230 / 50	230 / 50
Motor power kW	0.05	0.56
Current consumption max. A	0.23	2.41
Switch levels	1	3
Flow rate max. m <sup>3</sup> /h	400	1800
Dimensions (L x W x H mm)	270 x 250 x 295	475 x 425 x 475
Weight kg	3.5	12.0
Sound level db(A)	56	73.5

# Fans with axial fan

## AV 1600, AV 3105, AV 4500 Professional devices for continuous operation

The AV 1600, AV 3105 / AV 3105 MID and AV 4500 axial fans can transport air via hoses to specific spaces, be it in poorly ventilated rooms, or for the ventilation in spaces where chiselling or welding work is taking place.

The AV 1600 and AV 3105 / AV 3105 MID feature a hose connector on both the suction and exhaust sides. The AV 3105 axial fan can be operated in dusty environments with a dust bag and an LF 3000.

Several AV 4500 fans can be connected together via the integrated rubber mounts to increase air pressure.

### AV 1600



AV 1600 with attached hose canister SK 25 (optional extra)



Easy connection thanks to rubber mount

**Optional extras for AV 1600**  
SK-25 canister with flexible air hose  
200 mm Ø  
**Order no. 8001605**

### AV 3105 / AV 3105 MID



With hose and dust bag, e.g. for renovations, dust removal

**Optional extras**  
**AV 3105 / AV 3105 MID**  
Flexible air hose  
305 mm Ø  
**Order no. 6169149**  
Dust bag  
**Order no. 8000448**  
Dust bag with BIA certification M  
**Order no. 8000441**

### AV 4500



Series mounting to increase pressure

**Optional extras for AV 4500**  
Flexible air hose  
525 mm Ø  
**Order no. 6169155**

Type	AV 1600	AV 3105 / AV 3105 MID	AV 4500
<b>Order no.</b>	<b>8001600</b>	<b>8003105 / 8003110</b>	<b>8004500</b>
Supply voltage V/Hz	230 / 50	230 / 50	230 / 50
Motor power kW	0.19	0.66	0.25
Current consumption max. A	0.8	2.9	1.1
Switch levels	1	1	2
Flow rate max. m <sup>3</sup> /h	1350	3100	4400
Dimensions (L x W x H mm)	345 x 305 x 380	470 x 375 x 515	365 x 550 x 575
Weight kg	7.2	14.5	12.5
Sound level db(A)	69	84	73

Perfection on principle.



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