

WATER AND POND TECHNOLOGY 2014





AL-KO
DRIVE SYSTEM



PUMPING WATER

Whether for watering the lawn, pumping out the swimming pool or using rainwater in the house and garden – innovative water and pond technology from AL-KO always offers the suitable pump for getting water moving:

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HISTORY AND PRESENT DAY

AL-KO KOBBER SE was founded in 1931 by Alois Kober, as a small metalworking shop in the village of Großkötz near Günzburg, located in southern Germany close to the boundary between Bavaria and Swabia. Today, with a total of 50 sites and about 4,200 employees, it is one of the world's leading producers of vehicle technology, garden tools and air technology. Now in the third generation, the family firm is still run according to the principles laid down by its founder – a continuous striving for quality, an innovative spirit and pioneering design, coupled with contemporary aesthetics, convenience and reliability.

www.al-ko.com/garden

The Executive Directors of
AL-KO KOBBER SE (from l-r):
Roland, Stefan and Harald Kober

FOR GREATER ENJOYMENT IN THE GARDEN

For more than 40 years, we have been developing and designing innovative garden tools for an extremely wide range of requirements and applications. Not only do our tools reflect our many years of expertise in their technology and function, they also set new standards in terms of design. But what would our innovations be without you, our customers? After all, it is only you who make our garden tools a success. And that is why we do all we can to enthuse you – so that every day you can stand in your personal paradise with a feeling of satisfaction, and say to yourself, "Perfect."

Plunge into the world of AL-KO and get to know our high-quality products – without doubt you will also find just the right tool for your requirements. Have fun browsing and discovering – and of course when you are working with your AL-KO garden tools.



Antonio De Filippo
Managing Director

Wolfgang Hergeth
Managing Director



Board of Management of
AL-KO GERÄTE GMBH (from l-r):
Wolfgang Hergeth and Antonio De Filippo.

QUALITY FOR LIFE FROM THE VILLAGE SMITHY TO A GLOBAL COMPANY

WHICH PUMP FOR WHICH JOB?

WITH AL-KO, YOU CAN FIND THE CORRECT PUMP FOR YOUR REQUIREMENTS



DRAINAGE

- | Do you want to remove water from a pond, stream or reservoir?
- | Do you want to pump out your swimming pool or water butt, or transfer water from one container to another?
- | Do you require urgent assistance because your basement is flooded?

Your solution is one of our **submersible pumps** that are designed for all kinds of "underwater" applications, whether with clean or highly contaminated water.



WATERING

- | Do you want to obtain irrigation water for your flowers, lawns and garden from a well, pond or cistern?
- | Do you want to relax and cool down under your garden shower?
- | Do you want to pump clean water over long distances with high pressure?

Our **garden pumps** are just right for you, because they are your ideal helpers in these tasks.



DOMESTIC WATER SUPPLY

- | Do you have a well and/or a cistern and do you want to use one or both of them for low-cost service water supply?
- | Do you want to increase the pressure in your private water reservoir?
- | Do you want to water your garden easily and effectively?

Then our **domestic water systems** are just the job, because they pump water automatically and at a constant pressure.



WHEN THE BEST IS EXPECTED

With German efficiency, our research and development engineers create pioneering garden tools from hundreds of individual parts: Materials of the highest quality, ingenious technology, perfect ergonomics and a sure feel for form and detail make our garden tools unmistakable.

The rigorous quality requirement that characterises the AL-KO brand is guaranteed through our comprehensive technology programme that is consistently planned and implemented by AL-KO development engineers, designers and technicians, from the first design to prototype construction and the end product.

QUALITY FOR LIFE

The strictest quality controls, safety tests, TÜV certification and GS test certificates are a sign that not only every single machine, but every manufactured detail on our pumps, earns the AL-KO rating, "Quality for Life". Irrespective of Premium, Comfort or Classic, whether for a domestic water system, garden pump or submersible pump – AL-KO offers a 3-year warranty for all pumps. For long-lasting, trouble-free pumping in the house and garden.



ALWAYS UNDER PRESSURE

WITH AL-KO DOMESTIC WATER SYSTEMS



EFFICIENT AND FRUGAL

With an efficiency of more than 30 percent, the HW 6000 FMS is hugely efficient and energy-saving. In addition, the energy consumption can be reduced by 15 percent by switching over to **Eco mode**.



ALWAYS KEEP EVERYTHING IN VIEW

The **flow measurement system** displays all operating states such as flow rate or pressure on the digital display. This means the current operating status can always be read, and changes can be made very easily if required.

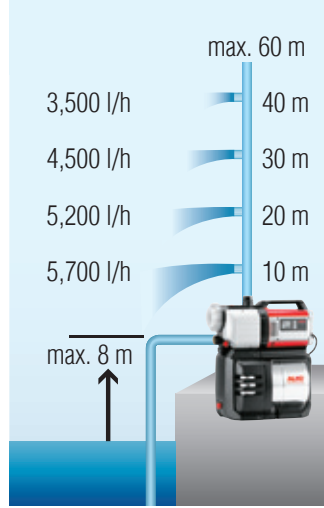


REALLY QUIET

Permanently installed in the house or basement, the HW 6000 FMS Premium domestic water system not only delivers a constant pressure and switches itself on when water is drawn off, it is also extremely quiet with maximum sound emissions of 73 dB(A).

POWER IN ANY ORIENTATION

The 5-stage pump technology of the HW 6000 FMS enables a maximum pumping rate of 6,000 l/h. Operation is monitored by an intelligent, electronic controller that guarantees a long pump service life in conjunction with the integrated dry-run protection.



| | HW 5000 FMS Premium | HW 6000 FMS Premium |
|---------------------------|----------------------------|----------------------------|
| Motor / power | 1,300 watt | 1,400 watt |
| Max. head | 40 m (max. 50 m) | 40 m (max. 60 m) |
| Max. flow rate | 4,500 l/h | 6,000 l/h |
| Max. suction height | 8 m | 8 m |
| Switch on/off pressure | 2.0 bar / 3.8 bar | 2.0 bar / 4.0 bar |
| Pump hydraulics | 1-stage | 5-stage |
| Suction/pressure hose Ø | G 1" (33.3 mm) | G 1" (33.3 mm) |
| Pressure tank capacity | 20 l (INOX) | 20 l (INOX) |
| Weight approx. | 17.5 kg | 20.8 kg |
| Art. no. | 112 851 | 112 852 |
| EAN no. | 400 371 804 2986 | 400 371 804 2993 |
| Replacement filter insert | 112 549 / 400 371 803 7562 | 112 549 / 400 371 803 7562 |

YOUR ADVANTAGES

- | 1 or 5-stage pump technology
- | Stainless steel pressure tank and XXL filter
- | Integrated dry-run protection
- | Electronic tank pressure monitoring
- | Flow measurement system and Eco mode
- | Reliable, quiet operation

SOLID AND DURABLE

DOMESTIC WATER SYSTEMS AND PUMPS

+ With easily cleaned XXL filter and flow control system

+ With easily cleaned XXL filter and flow control system

+ With stainless steel pump housing



| | HW 4000 FCS Comfort | HW 4500 FCS Comfort | HW 3500 Classic | HW 3500 INOX Classic |
|---------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Motor / power | 1,000 watt | 1,300 watt | 850 watt | 850 watt |
| Max. head | 40 m (max. 45 m) | 40 m (max. 50 m) | 38m | 38 m |
| Max. flow rate | 4,000 l/h | 4,500 l/h | 3,400 l/h | 3,400 l/h |
| Max. suction height | 8 m | 8 m | 8 m | 8 m |
| Switch on/off pressure | 2.0 bar / 3.5 bar | 2.0 bar / 3.8 bar | 1.5 bar / 2.8 bar | 1.5 bar / 2.8 bar |
| Pump hydraulics | 1-stage | 1-stage | 1-stage | 1-stage |
| Suction/pressure hose Ø | G 1" (33.3 mm) | G 1" (33.3 mm) | G 1" (33.3 mm) | G 1" (33.3 mm) |
| Pressure tank capacity | 17 l | 17 l | 17 l | 17 l |
| Weight approx. | 17.9 kg | 18 kg | 11.7 kg | 11.5 kg |
| Art. no. | 112 849 | 112 850 | 112 847 | 112 848 |
| EAN no. | 400 371 804 2962 | 400 371 804 2979 | 400 371 804 2948 | 400 371 804 2955 |
| Filter insert / prefilter | 112 549 / 400 371 803 7562 | 112 549 / 400 371 803 7562 | 110 156 / 400 371 801 5751 | 110 156 / 400 371 801 5751 |



SIMPLY INTELLIGENT CONTROL

The intelligent, electronic controller with **flow control system** monitors operation of the domestic water system round the clock, thus providing optimum protection for the pump against dry running. If the water supply is interrupted, the pump is immediately switched off – so the pump will not overheat.



A CLEAN JOB

The extra large, integrated XXL filter (Comfort and Premium models) protects the pump and the check valve optimally against contamination, thus guaranteeing constant operation.



+ With stainless steel pump housing

+ Compact domestic water pump

+ Domestic water pump with 5-stage pump technology



| HW 3000 Classic | HW 3000 INOX Classic | HWA 4000 Comfort | HWA 6000/5 Premium |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 650 watt | 650 watt | 1,000 watt | 1,400 watt |
| 35 m | 35 m | 38m | 60 m |
| 3,100 l/h | 3,100 l/h | 4,000 l/h | 6,000 l/h |
| 8 m | 8 m | 8 m | 8 m |
| 1.5 bar / 2.8 bar | 1.5 bar / 2.8 bar | – | – |
| 1-stage | 1-stage | 1-stage | 5-stage |
| G 1" (33.3 mm) | G 1" (33.3 mm) | G 1" (33.3 mm) | G 1" (33.3 mm) |
| 17 l | 17 l | – | – |
| 11 kg | 10.8 kg | 11.5 kg | 14.8 kg |
| 112 845 | 112 846 | 113 139 | 113 141 |
| 400 371 804 2924 | 400 371 804 2931 | 400 371 804 8575 | 400 371 804 8599 |
| 110 156 / 400 371 801 5751 | 110 156 / 400 371 801 5751 | 112 549 / 400 371 803 7562 | 112 549 / 400 371 803 7562 |

YOUR ADVANTAGES

- | Particularly easy to install
- | Reliable, quiet operation
- | Integrated dry-run protection and electronic tank pressure monitoring (Comfort models)
- | Integrated XXL filter (Comfort and Premium models)
- | Compact domestic water pumps

TURN EVERY GARDEN INTO AN OASIS

PREMIUM GARDEN PUMPS FROM AL-KO



HIGH EFFICIENCY, QUIET OPERATION

Thanks to the 5-stage, high-pressure pump technology with an efficiency in excess of 30 percent, the Jet 6000/5 Premium garden pump is not only enormously efficient, it is also surprisingly quiet with a maximum of 73 dB(A) sound emissions.

COMPREHENSIVE PROTECTION

The integrated dry-run protection safeguards the pump effectively against possible damage if the water supply is interrupted. The easily cleaned XXL filter also provides optimum protection against contamination.

INSTALLED IN NEXT TO NO TIME

Thanks to the check valve integrated in the filter, AL-KO garden pumps draw in water especially quickly, which makes it quick to put them into operation.

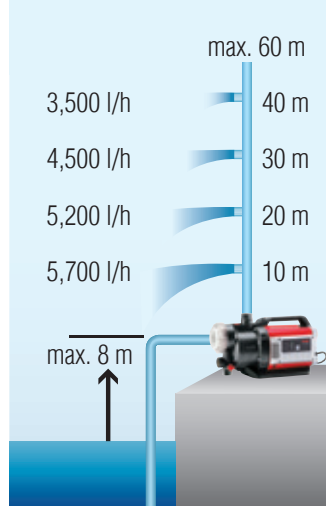


SIMPLE HANDLING

The supplied filter spanner means that in next to no time, the filter glass and all screw connections for filling and emptying can be opened.

LOTS OF WATER, LITTLE NOISE

With an enormously high pressure capacity up to 6 bar (60 metres), the Jet 6000/5 garden pump achieves a maximum flow rate of 6,000 l/h. At the same time, the operating sound is extremely low at a maximum of 73 dB(A), in order to allow you to enjoy peace and quiet in your garden.



Energy saving



Quiet and powerful



| | Jet 4000/3 Premium | Jet 6000/5 Premium |
|---------------------------|----------------------------|----------------------------|
| Motor / power | 900 watt | 1,400 watt |
| Max. head | 35 m | 60 m |
| Max. flow rate | 5,500 l/h | 6,000 l/h |
| Max. suction height | 8 m | 8 m |
| Pump hydraulics | 3-stage | 5-stage |
| Suction/pressure hose Ø | G 1" (33.3 mm) | G 1" (33.3 mm) |
| Weight approx. | 11.5 kg | 13.9 kg |
| Art. no. | 112 843 | 112 844 |
| EAN no. | 400 371 804 2900 | 400 371 804 2917 |
| Replacement filter insert | 112 549 / 400 371 803 7562 | 112 549 / 400 371 803 7562 |

YOUR ADVANTAGES

- | High pressure and flow rate
- | Easily cleaned XXL filter
- | Integrated dry-run protection
- | Reliable, quiet operation
- | Particularly energy-saving

POWERFUL GARDEN WATERING

COMFORT AND CLASSIC GARDEN PUMPS



With flow control system
and integrated XXL filter



With flow control system
and integrated XXL filter



| | Jet 4000 Comfort | Jet 5000 Comfort |
|---------------------------|----------------------------|----------------------------|
| Motor / power | 1,000 watt | 1,300 watt |
| Max. head | 45 m | 50 m |
| Max. flow rate | 4,000 l/h | 4,500 l/h |
| Max. suction height | 8 m | 8 m |
| Pump hydraulics | 1-stage | 1-stage |
| Suction/pressure hose Ø | G 1" (33.3 mm) | G 1" (33.3 mm) |
| Weight approx. | 10.8 kg | 11 kg |
| Art. no. | 112 841 | 112 842 |
| EAN no. | 400 371 804 2887 | 400 371 804 2894 |
| Filter insert / prefilter | 112 549 / 400 371 803 7562 | 112 549 / 400 371 803 7562 |



ROBUST AND MAINTENANCE-FREE

The housings of AL-KO garden pumps can be made from either rust-free INOX stainless steel or glass fibre-reinforced plastic. This makes the pumps particularly robust and durable. Brass inserts in the connection screw fittings also ensure a solid connection method with conventional G 1" threads.

SELF-PRIMING

Whether wells, cisterns or water butts – AL-KO garden pumps draw in water within the shortest possible time thanks to the built-in Jet system. This means they are always quick to put into service.



Good price/performance model for mobile watering

Mobile and compact, stainless steel pump head

Robust and powerful

Robust and powerful, stainless steel pump head



Jet 3000 Classic

Jet 3000 INOX

Jet 3500 Classic

Jet 3500 INOX

650 watt

650 watt

850 watt

850 watt

35 m

35 m

38m

38 m

3,100 l/h

3,100 l/h

3,400 l/h

3,400 l/h

8 m

8 m

8 m

8 m

1-stage

1-stage

1-stage

1-stage

G 1" (33.3 mm)

G 1" (33.3 mm)

G 1" (33.3 mm)

G 1" (33.3 mm)

6.4 kg

6.3 kg

6.9 kg

6.8 kg

112 837

112 838

112 839

112 840

400 371 804 2849

400 371 804 2856

400 371 804 2863

400 371 804 2870

110 157 / 400 371 801 5768

110 157 / 400 371 801 5768

110 157 / 400 371 801 5768

110 157 / 400 371 801 5768

YOUR ADVANTAGES

- | Powerful, reliable and energy-saving
- | Simple to put into operation
- | Easily cleaned XXL filter and integrated dry-run protection (Comfort models)
- | Rust-free stainless steel fittings (Inox)

NO FEAR OF DIRT...

COMBI-UNIVERSAL SUBMERSIBLE PUMPS FOR ANY KIND OF WATER AND ANY SUCTION TASK



RELIABLE AND VERSATILE

Simple adjustment of the pump base means that AL-KO TWIN submersible pumps offer all the advantages of wastewater and clean water submersible pumps in one unit – starting with rapid pumping out of contaminated water when the pump base is extended, through to removing the residual water in low-suction mode.

IN ANY ORIENTATION

The integrated level switch allows the water height to be set conveniently in automatic mode; alternatively, manual operation with low suction height is also possible.

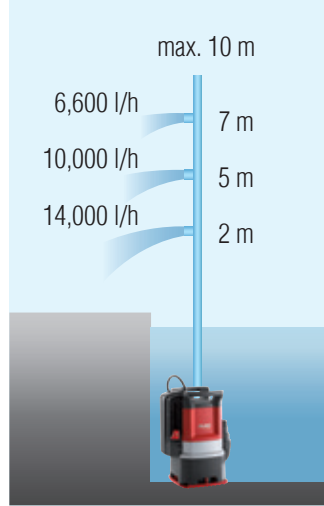


IT COMES DOWN TO INNER STRENGTH

Robust and rust-free stainless steel rotor shafts, maintenance-free ball bearings with fill-for-life lubrication, solid 3-way seals and a sturdy housing make AL-KO submersible pumps particularly durable and reliable.

DRAINING QUICKLY AND EASILY

High flow rates up to 15,000 l/h and a wide range of applications are some of the strengths of AL-KO submersible pumps. This means even relatively large volumes of contaminated water can be removed in next to no time.



+

Pumps up to 15,000 l/h



FOR ALL EVENTUALITIES

Thanks to the patented Twin-Combi system, not only can Combi-universal submersible pumps pump contaminated water without difficulty, they can also be used for draining flooded areas or rooms with low suction height if required.

| | TWIN 11000 Premium | TWIN 14000 Premium |
|-------------------------------|----------------------------|----------------------------|
| Motor / power | 750 watt | 950 watt |
| Max. head | 10 m | 10 m |
| Max. flow rate | 13,000 l/h | 15,000 l/h |
| Max. submersible depth | 7 m | 7 m |
| Max. particulate size | 20 mm | 30 mm |
| Pump output Ø | G 1 ½" (47.8 mm) | G 1 ½" (47.8 mm) |
| Cable length | 10 m | 10 m |
| Weight approx. | 7.2 kg | 8.2 kg |
| Art. no. | 112 830 | 112 831 |
| EAN no. | 400 371 804 2771 | 400 371 804 2788 |
| PVC hose 6 m, 1 ½" | 106 979 / 400 371 801 4457 | 106 979 / 400 371 801 4457 |

YOUR ADVANTAGES

- | Simple adjustment of the pump base for changeover between wastewater and clean water operation
- | Ideal for use in narrow wells thanks to integrated level switch (TWIN 14000)

TO THE LAST DROP

CLEAN WATER SUBMERSIBLE PUMPS WITH LOW-SUCTION FUNCTION

ALWAYS FITS

Thanks to the universal connection piece, it is possible to fit all commercially available hose sizes. The outlet in the upper part of the pump also ensures optimum cooling of the motor in low-suction mode.



reddot design award
winner 2013

OPTIMUM LEVEL CONTROL

The freely adjustable holder for positioning the float switch means the switching points for turning the pump on and off can quickly and easily be set to different level heights.

Motor / power

Max. head

Max. flow rate

Max. submersible depth

With low suction height down to

Pump output Ø

Weight approx.

Cable length

Art. no.

EAN no.

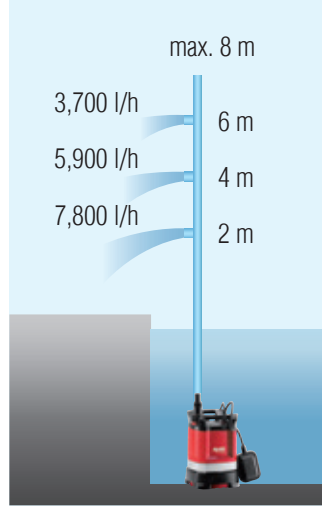
PVC hose 6 m, 1 ¼"





TWO FUNCTIONS IN ONE

You have the freedom of choice with DS model submersible pumps. Thanks to the easily adjustable pump base and generous inlet openings, it is possible to pump out large volumes of water quickly as well as to pump with low suction height down to approx. 3 mm.



+ With adjustable pump base

+ With adjustable pump base

+ Adjustable pump base and integrated level switch



| SUB 6500 Classic | SUB 10000 DS Comfort | SUB 12000 DS Comfort | SUB 13000 DS Premium |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 250 watt | 450 watt | 550 watt | 650 watt |
| 6 m | 7 m | 8 m | 8 m |
| 6,500 l/h | 8,000 l/h | 9,500 l/h | 10,500 l/h |
| 5 m | 5 m | 5 m | 5 m |
| 25 mm | 3 mm | 3 mm | 3 mm |
| G 1 ¼" (41.9 mm) | G 1 ¼" (41.9 mm) | G 1 ¼" (41.9 mm) | G 1 ¼" (41.9 mm) |
| 4 kg | 5.5 kg | 5.8 kg | 6 kg |
| 10 m | 10 m | 10 m | 10 m |
| 112 820 | 112 823 | 112 824 | 112 829 |
| 400 371 804 2672 | 400 371 804 2702 | 400 371 804 2719 | 400 371 804 2764 |
| 110 135 / 400 371 801 5553 | 110 135 / 400 371 801 5553 | 110 135 / 400 371 801 5553 | 110 135 / 400 371 801 5553 |

INDIVIDUALLY ADJUSTABLE

The integrated level switch makes the SUB 13000 DS ideal for use in narrow wells. In addition, changing between automatic mode and manual continuous mode is possible with ease. The individually switching levels can be set very conveniently.

YOUR ADVANTAGES

- | Robust, handy and powerful
- | With low suction height down to 3 mm
- | With flow rates up to 10,500 l/h
- | Ideal for pumping out pools, cisterns, wells or flooded basements, as well as transferring water between containers

ROBUST POWER PACKS

POWERFUL WASTEWATER PUMPS IN STAINLESS STEEL DESIGN

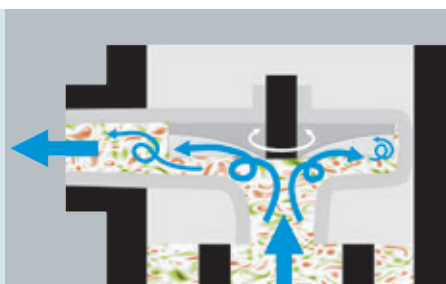


LONG-TERM RELIABILITY

The sturdy and robust design with multiple-seal set as well as corrosion-free materials means that AL-KO wastewater pumps are perfectly suited even to extreme requirements. This guarantees a long service life.

PERFECTLY EQUIPPED

Equipped with a float switch for automatically switching on and off as well as a 90° angle connection and combination adapter for commonly encountered hose sizes, AL-KO wastewater pumps tick all the boxes with regard to trouble-free operation.

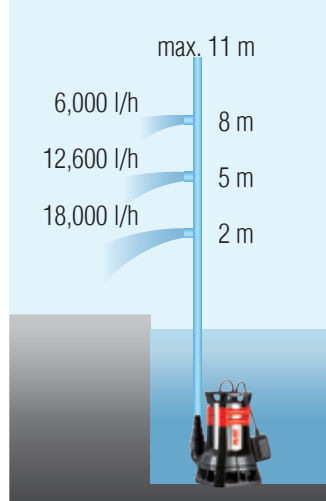


FOR EXTREME SITUATIONS

Thanks to the special vortex impeller geometry, the DRAIN 20000 HD model can effortlessly cope with even highly contaminated water with up to 5 percent suspended material and particulate sizes up to 38 mm – ideal for pumping out and draining flooded excavation pits, for example.

THE POWERFUL SUBMERSIBLE PUMPS

With a flow rate up to 20,000 l/h and a maximum particulate size up to 38 mm, AL-KO wastewater pumps are enormously powerful. In addition, with pump housings made from chromium-nickel steel or plastic and motor shafts made from chromium-nickel steel, they are enduringly protected against corrosion.



+ For wastewater

+ Powerful, with special seal

+ Pumps suspended dirt particles up to 38 mm in diameter



| | DRAIN 10000 Inox | DRAIN 15000 Inox | DRAIN 20000 HD |
|-------------------------------|----------------------------|----------------------------|----------------------------|
| Motor / power | 750 watt | 1,100 watt | 1,300 watt |
| Max. head | 9 m | 11 m | 10 m |
| Max. flow rate | 10,000 l/h | 15,000 l/h | 20,000 l/h |
| Max. submersible depth | 5 m | 5 m | 5 m |
| Max. particulate size | 30 mm | 35 mm | 38 mm |
| Pump output Ø | G 1 ¼" (41.9 mm) | G 1 ½" (47.8 mm) | G 2" (59.61 mm) |
| Weight approx. | 6.7 kg | 6.8 kg | 8.0 kg |
| Cable length | 10 m | 10 m | 10 m |
| Art. no. | 112 827 | 112 828 | 112 836 |
| EAN no. | 400 371 804 2740 | 400 371 804 2757 | 400 371 804 2832 |
| PVC hose 6 m | 110 135 / 400 371 801 5553 | 106 979 / 400 371 801 4457 | 106 979 / 400 371 801 4457 |

YOUR ADVANTAGES

- | Flow rates up to 20,000 l/h
- | Special impeller technology, also suited to extreme requirements
- | Optimum corrosion protection for a long service life
- | Multiple-seal set with additional V-seal

RELIABLE PARTNERS

COMFORT AND CLASSIC SUBMERSIBLE WASTEWATER PUMPS



LONG OPERATING TIMES

A maintenance-free motor, the specially treated motor shaft made from Inox stainless steel as well as the fibreglass reinforced polypropylene housing are features which guarantee a long service life in AL-KO wastewater pumps.



UNIVERSAL ANGLE CONNECTION

AL-KO wastewater pumps are fully equipped with a freely pivoting 90° angle connection, in order to prevent undesired kinking of the pump hose. With a combination adapter, they are suitable for different hose sizes.

| | |
|------------------------|--|
| Motor / power | |
| Max. head | |
| Max. flow rate | |
| Max. submersible depth | |
| Max. particulate size | |
| Pump output Ø | |
| Weight approx. | |
| Cable length | |
| Art. no. | |
| EAN no. | |

| | |
|--------------|--|
| PVC hose 6 m | |
|--------------|--|

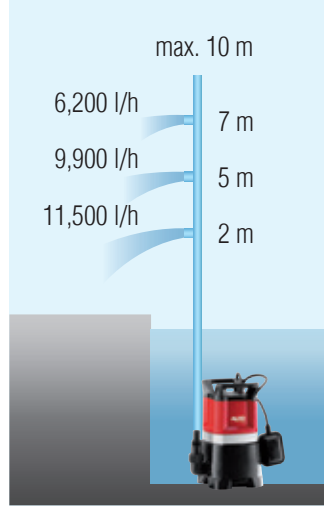


PARTICULATE SIZE UP TO 30 MM

Thanks to their large suction openings, the Drain models also pump contaminated water with particles up to 30 mm in suspension, effortlessly and smoothly.

UP TO 12,000 l/h

Depending on the pump, the Drain models pump between 7,000 l/h and 12,000 l/h with a maximum head of 10 metres. It does not matter whether clean water or wastewater is involved.



+ Compact and reliable

+ Powerful and handy

+ Power even for unusual applications

+ Powerful and sturdy with power in reserve



| DRAIN 7000 Classic | DRAIN 7500 Classic | DRAIN 10000 Comfort | DRAIN 12000 Comfort |
|----------------------------|----------------------------|----------------------------|----------------------------|
| 350 watt | 450 watt | 650 watt | 850 watt |
| 6 m | 6 m | 8 m | 10 m |
| 7,000 l/h | 7,500 l/h | 10,000 l/h | 12,000 l/h |
| 5 m | 5 m | 5 m | 5 m |
| 30 mm | 30 mm | 30 mm | 30 mm |
| G 1 ¼" (41.9 mm) | G 1 ¼" (41.9 mm) | G 1 ½" (47.8 mm) | G 1 ½" (47.8 mm) |
| 4.4 kg | 4.4 kg | 5.7 kg | 6.9 kg |
| 10 m | 10 m | 10 m | 10 m |
| 112 821 | 112 822 | 112 825 | 112 826 |
| 400 371 804 2689 | 400 371 804 2696 | 400 371 804 2726 | 400 371 804 2733 |
| 110 135 / 400 391 801 5553 | 110 135 / 400 391 801 5553 | 106 979 / 400 391 801 4457 | 106 979 / 400 391 801 4457 |

YOUR ADVANTAGES

- | Powerful and solid
- | Flow rates up to 12,000 l/h
- | Guaranteed flow with Vortex impeller geometry
- | Universal angle connection included

SPECIALISTS FOR ALL DEPTHS

SUBMERSIBLE AND DEEP FOUNTAIN PUMPS

FLEXIBLE APPLICATIONS

From operating a simple lawn sprinkler through to supplying complex irrigation systems and even automatic domestic water supply in conjunction with a Hydro-control unit – AL-KO submersible pumps combine the advantages of garden and submersible pumps in one unit.

HIGH PRESSURE

The high-performance, multi-stage pump hydraulics mean that submersible pumps pump the water up to height at high pressure, making them ideal for operating several irrigation systems.



| | |
|-----------------------|--|
| Motor / power | |
| Max. head | |
| Max. flow rate | |
| Pump hydraulics | |
| Max. particulate size | |
| Pump output Ø | |
| Weight approx. | |
| Cable length | |
| Art. no. | |
| EAN no. | |



PURE POWER

The super-strong 8-stage pump hydraulics in the TBP 4800/8 deep fountain pump guarantee reliably high pressure, even at enormous heads up to 60 metres.

TWO-IN-ONE

Submersible pumps combine the advantages of garden and submersible pumps in one unit and pump up to 6,300 litres per hour with a constantly high pressure.



- + High pressure and big flow rate
- + Specialists for great depths
- + For direct watering
- + High pressure and big flow rate
- + Ideal for pumping water out of rain butts



| TBP 3300/7 | TBP 4800/8 | DIVE 5500/3 | DIVE 6300/4 | Rain 2500 |
|------------------|------------------|------------------|------------------|------------------|
| 750 watt | 1000 watt | 800 watt | 1000 watt | 350 watt |
| 55 m | 60 m | 30 m | 40 m | 11 m |
| 3,300 l/h | 4,800 l/h | 5,500 l/h | 6,300 l/h | 2,500 l/h |
| 7-stage | 8-stage | 3-stage | 4-stage | 1-stage |
| 2 mm | 2 mm | 0.5 mm | 0.5 mm | 3 mm |
| G 1" (33.3 mm) | G 1" (33.3 mm) | G 1" (33.3 mm) | G 1" (33.3 mm) | G ¾" (26.4 mm) |
| 13.0 kg | 13.5 kg | 7.5 kg | 9.3 kg | 4.3 kg |
| 15 m | 15 m | 10 m | 10 m | 10 m |
| 112 311 | 112 310 | 113 036 | 113 037 | 112 988 |
| 400 371 803 3885 | 400 371 803 3878 | 400 371 804 6809 | 400 371 804 6816 | 400 371 804 5802 |

YOUR ADVANTAGES

- | Big flow rates at high pressure
- | Multi-stage pump hydraulics
- | Heads up to 60 metres
- | Maintenance-free motors with thermal protection switch

PUMP ACCESSORIES

MATCHING AND RELIABLE

PREFILTERS AND FILTER INSERTS



Garden pump prefilter 100/1"

Protects against sand and other suspended solids.
With two 1"/1" threaded adapters and one 1"/3/4" thread adapter.

Art. no. 110 157

EAN no. 400 371 801 5768

Filter insert for 100/1"

Made of plastic, washable, 60 microns, for sand and solids, for JET + HW models.

Art. no. 110 166

EAN no. 400 371 801 5850



Domestic water system prefilter 250/1"

With two 1"/1" threaded adapters, one 1"/3/4" threaded adapter, one extension 1"/1" and washable screen insert.

Art. no. 110 156

EAN no. 400 371 801 5751

Filter insert for 250/1"

Made of plastic, washable, for JET + HW models.

Art. no. 110 165

EAN no. 400 371 801 5843



Plastic filter insert

For all pump models with integrated XXL filter.

Art. no. 112 549

EAN no. 400 371 803 7562



FILLING

Convenient filling when starting up thanks to generously dimensioned fill opening.



OPENING

Easy opening of the filter with included filter spanner.



CLEANING

Easy filter cleaning without removing the vacuum mechanism.



HYDROCONTROL

Hydrocontrol upgrades your garden or submersible pump into a domestic water pump.



Hydrocontrol

Art. no. 112 478

EAN no. 400 371 803 6299

CHECK VALVE

Essential for garden pumps and domestic water systems without their own built-in check valve.



Check valve

Art. no. 110 648

EAN no. 400 371 802 3312

SUCTION HOSE G 3/4" (26.4 mm)

Complete with filter basket, check valve and fittings, 1" threaded adapter.



Suction hose

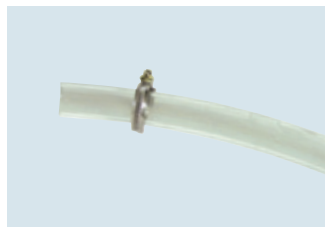
G 3/4" (26.4 mm)

Art. no. 110 005

EAN no. 400 371 801 4532

PVC HOSE

Special drain hoses in various sizes for pumps with different power ratings.



PVC hose

G 1" (33.3 mm)

Art. no. 106 980

EAN no. 400 371 801 4464

SUCTION KIT G 1" (33.3 mm)

With brass check valve, filter basket and connections



Suction kit

G 1" (33.3 mm)

Art. no. 110 795

EAN no. 400 371 802 5293



PVC hose

G 1 1/2" (41.9 mm)

Art. no. 110 135

EAN no. 400 371 801 5553



PVC hose

G 1 1/2" (47.8 mm)

Art. no. 106 979

EAN no. 400 371 801 4457

POND TRAYS –

THE EASY PATH TO CREATIVE POND DESIGN



FULL OF INTEREST

Indestructible UV-resistant, frost-resistant AL-KO pond trays facilitate your individual garden design.

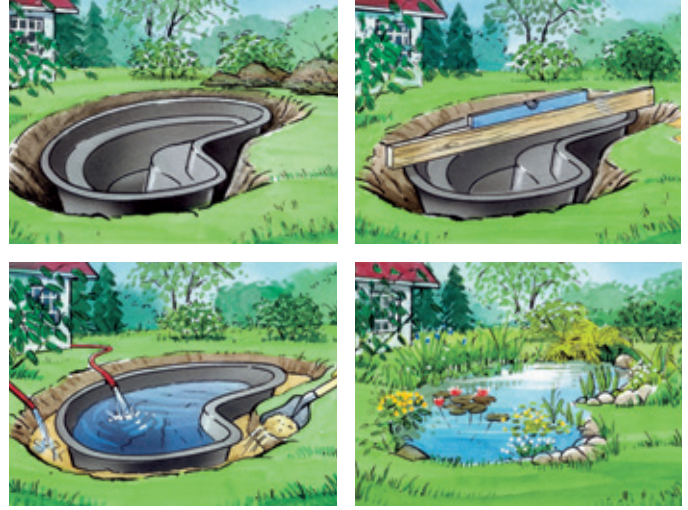


| | |
|-----------------------|--|
| Contents | |
| Depth approx. | |
| Water surface approx. | |
| Dimensions (L x W) | |
| Plant levels | |
| Marsh zones | |
| Weight approx. | |
| Art. no. | |
| EAN no. | |



LIKE IN NATURE

The special colouring with a slightly reflective surface provides colour nuances and contrasts as they occur in natural bodies of water. The pond trays are made of UV-resistant, frost-resistant and 100% recyclable PE material.



CREATING A POND

First dig the hole, then insert the pond tray and align the pond tray using a spirit level. Next, fill the void under the tray with sand, use water to turn the sand into a semi-liquid consistency at the same time as filling the pond with water. Then put plants in the pond.



| T 150 | T 250 | T 500 | T 600 | T 1000 |
|---------------------------|---------------------|---------------------------|---------------------|---------------------|
| 140 l | 235 l | 455 l | 590 l | 950 l |
| 39 cm | 49 cm | 53 cm | 58 cm | 65 cm |
| 0.85 m ² | 1.10 m ² | 1.75 m ² | 2.45 m ² | 3.50 m ² |
| 135 x 90 cm | 135 x 115 cm | 160 x 140 cm | 211 x 115 cm | 280 x 140 cm |
| 3 | 3 | 2 | 4 | 2 |
| Wide biotope border strip | Circumferential | Wide biotope border strip | Circumferential | Circumferential |
| 3.0 kg | 3.5 kg | 7.0 kg | 10.0 kg | 23.0 kg |
| 110 418 | 110 066 | 110 428 | 110 171 | 110 427 |
| 400 371 801 8660 | 400 371 801 5119 | 400 371 801 8974 | 400 371 801 5904 | 400 371 801 8967 |

YOUR ADVANTAGES

- | With a wide marshy margin for a perfect transition into the garden landscape
- | With stepped biotope levels
- | Thanks to the reflective black surface, natural pond scenes can be perfectly designed – including the natural play of colour and contrast in the water.
- | Made from 100% recyclable PE material, plant and animal-friendly

AL-KO – EVERYTHING FOR THE GARDEN

MOWING, TRIMMING, PUMPING, SHREDDING, MULCHING, SCARIFYING, AERATING, CULTIVATING, SPLITTING, CLEARING, ...

LAWN CARE



- | Lawn tractors
- | Automatic lawnmower
- | Petrol lawnmowers
- | Electric lawnmowers
- | Mulching and scythe mowers
- | Cylinder mowers

LAWN CARE



- | Scarifiers
- | Trimmers
- | Electric brushcutters
- | Petrol brushcutters
- | Multi-Tool
- | Battery grass cutter

GARDEN AND HOBBY



- | Hedge trimmers
- | Shredder
- | Blower vacs
- | Electric chain saws
- | Log splitters
- | Cultivators

WATER AND PUMP TECHNOLOGY



- | Garden pumps
- | Submersible pumps
- | Domestic water systems
- | Fountain pumps
- | Ponds

WINTER TECHNOLOGY



- | Petrol snow blowers
- | Electric snow blowers
- | Winter accessories for lawn tractors and scythe mowers

AL-KO ONLINE

Click into the online world of AL-KO – ranging from the homepage that provides product advice, service notes and all the important information to the AL-KO Youtube channel with many interesting product videos and the Facebook fan page. There we always keep you up to date with news from AL-KO in our monthly newsletter and blog.

More information at www.al-ko.com/garden



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