



PUMPS 2023



THE IDEAL SOLUTION FOR YOUR HOME AND GARDEN

ABOUT COMPANY

Dear business friends, dear customers,

you can meet AQUACUP brand pumps for 23 years. The creation of this brand is connected with the company AQUATRADING s.r.o., one of the most important distributors of pumping equipment on the Czech and Slovak markets.

At the very beginning, the idea was to create a comprehensive range of pumps that would fully cover the needs and demands of our customers with their width and quality, especially for use in homes, cottages or gardens.

Over time, thanks to your increasing demand, we have expanded this range of pumps to include pumps and assemblies intended for more demanding operations. We have also added a pond program, which has become popular and highly demanded in a short time and already has a firm place in the market with this technique.

We feel a great responsibility when your growing demands force us to look for ever better and more perfect production processes. In these activities, we are looking for the optimal ratio of quality, price and performance. We hope you continue to be satisfied with our products. Your every idea, question and comment will be a new challenge for us, how to move our activity one step further. We are ready to solve your everyday questions, when you can rely on our professional approach, consulting services and quality service.



the team of Aquacup s.r.o.

Kollárova 969
698 01 Veselí nad Moravou
Phone Nr.: +420 572 591 800
E-mail: aquacup@aquacup.cz

U Trati 3134/36a
100 00 Praha 10
Phone Nr.: +420 286 584 883
E-mail: praha@aquacup.cz



AQUACUP s.r.o.
23 years on the market



| | |
|---------------------------------------|-------------------|
| BOOSTER SETS | <i>page 4-15</i> |
| PUMPS | <i>page 16-33</i> |
| PUMPING STATION | <i>page 34-35</i> |
| POND FILTRATION | <i>page 36-41</i> |
| PLASTIC TANKS | <i>page 42-45</i> |
| FILTRATION AND WATER TREATMENT | <i>page 46-54</i> |
| ACCESSORIES | <i>page 55-58</i> |

AQUACUP PREMIUM



The AQUACUP PREMIUM series of pumps is intended for those looking for the highest possible quality, excellent functionality, even in the most demanding conditions.

Our premium range pumps are uncompromising and stand up to the best in class available on the market.

They are the result of development and intensive innovation and are therefore products with unique properties.

Thanks to the construction of high-quality materials that guarantee a long service life of the pumps, this series is characterized by a high degree of reliability, durability and, after our many years of experience, a very low failure rate.

Another significant advantage of this series is the new, innovative design of both the pumps themselves and the quality packaging in which they are delivered.

Even the most demanding customers will appreciate the AQUACUP PREMIUM series.

TECNO



The TECNO Style series of sludge and drainage pumps will be especially appreciated by our gardeners, cottagers and all home DIYers. And this is thanks to its simple handling, high operational reliability and the overall smart solution of every detail of the pump.

This series offers different designs for a wide range of uses, mainly for both domestic and industrial purposes.

TECNO Style pumps are manufactured using the most modern manufacturing technologies and procedures, and together with the use of very high quality materials, the overall high quality of these pumps is achieved.

BOOSTER SETS WITH CENTRIFUGAL PUMPS

PRESS MINI

Suitable for cottages and irrigation.



Automatic booster set with centrifugal pump and 2 to 24 l pressure vessel with membrane and adjustable pressure switch.

- motor type 230 V
- switching on and off pressure setting 1.4 - 2.8 bar
- suction capacity of the pump 5 m
- connecting flex cable 1.5 m

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|---------------|-------|-----------|----------|---------|
| PRESS MINI 60 | 370 W | 2 100 l/h | 32 m | 200 552 |

BOOSTER SETS WITH SELF-PRIMING PUMPS

ECOPRESS

Suitable for cottages and irrigation.



Automatic booster set with self-priming cast iron pump, 18 l pressure vessel with membrane and adjustable pressure switch.

- motor type 230 V
- switching on and off pressure setting 1.4 - 2.8 bar
- suction capacity of pump 8 m
- connecting flex cable 1.5 m

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|----------------|-------|-----------|----------|---------|
| ECOPRESS 600-1 | 600 W | 2 800 l/h | 32 m | 201 415 |

NEW SERIES OF 4" SUBMERSIBLE ELECTRA PUMP

PAGE 30



FULL CONTROL

Suitable for smaller family houses, cottages and irrigation.

Automatic booster sets with self-priming stainless steel pump, pressure vessel (24 to 80 l) with membrane, with adjustable pressure switch.

- motor type 230 V
- switching on and off pressure setting 1.4 - 2.8 bar
- suction capacity of pump 8 m
- connecting flex cable 1.5 m



STAINLESS STEEL PUMP HOUSING

| TYPE - power 800 W | MAX FLOW | MAX HEAD | CODE | TYPE - power 1200 W | MAX FLOW | MAX HEAD | CODE |
|-----------------------|-----------|----------|---------|------------------------|-----------|----------|---------|
| FULL CONTROL 24 - 800 | 3 200 l/h | 40 m | 200 464 | FULL CONTROL 24 - 1200 | 3 800 l/h | 48 m | 201 422 |
| FULL CONTROL 35 - 800 | | | 200 465 | FULL CONTROL 35 - 1200 | | | 201 423 |
| FULL CONTROL 50 - 800 | | | 200 466 | FULL CONTROL 50 - 1200 | | | 201 424 |
| FULL CONTROL 80 - 800 | | | 200 468 | FULL CONTROL 80 - 1200 | | | 201 425 |

FULL CONTROL L

Suitable for smaller family houses, cottages and irrigation.

Automatic booster sets with self-priming stainless steel pump, with 24 to 80 l pressure vessel with membrane, adjustable pressure switch and dry-running protection by means of an inverse pressure switch.

- motor type 230 V
- switching on and off pressure setting 1.4 - 2.8 bar
- suction capacity of pump 8 m
- connecting flex cable 1.5 m



STAINLESS STEEL PUMP HOUSING

| TYPE - power 800 W | MAX FLOW | MAX HEAD | CODE | TYPE - power 1200 W | MAX FLOW | MAX HEAD | CODE |
|-------------------------|-----------|----------|---------|--------------------------|-----------|----------|---------|
| FULL CONTROL L 24 - 800 | 3 200 l/h | 40 m | 201 321 | FULL CONTROL L 24 - 1200 | 3 800 l/h | 48 m | 201 426 |
| FULL CONTROL L 35 - 800 | | | 201 322 | FULL CONTROL L 35 - 1200 | | | 201 427 |
| FULL CONTROL L 50 - 800 | | | 201 323 | FULL CONTROL L 50 - 1200 | | | 201 428 |
| FULL CONTROL L 80 - 800 | | | 201 324 | FULL CONTROL L 80 - 1200 | | | 201 429 |

FULL CONTROL INOX

Suitable for smaller family houses, cottages and irrigation.

Automatic booster sets with a self-priming stainless steel pump are equipped with a 18 l pressure vessel with membrane and an adjustable pressure switch.

- motor type 230 V
- switching on and off pressure setting 1.4 - 2.8 bar
- suction capacity of pump 8 m
- connecting flex cable 1.5 m

STAINLESS STEEL PUMP HOUSING

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-----------------------|-------|-----------|----------|---------|
| FULL CONTROL 800 INOX | 800 W | 3 200 l/h | 40 m | 201 416 |



BOOSTER SETS WITH SELF-PRIMING PUMPS

A-CONTROL ECO

Suitable for family houses, cottages and irrigation.



Automatic booster sets with self-priming pump, with 24 to 80 l pressure vessel with membrane, adjustable pressure switch.

- motor type 230 V
- switching on and off pressure setting 2 - 3.5 bar
- suction capacity of pump 8 m
- connecting flex cable 1.5 m

NORYL IMPELLER

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|------------------------|-------|-----------|----------|---------|
| A-CONTROL ECO 24 - 750 | 750 W | 3 000 l/h | 45 m | 201 234 |
| A-CONTROL ECO 35 - 750 | | | | 201 235 |
| A-CONTROL ECO 50 - 750 | | | | 201 236 |
| A-CONTROL ECO 80 - 750 | | | | 201 237 |

A-CONTROL ECO L

Suitable for water sources with a lower yield.



Automatic booster sets with self-priming pump, with 24 to 80 l pressure vessel with membrane, adjustable pressure switch and inverse pressure switch for dry running protection.

- motor type 230 V
- switching on and off pressure setting 2 - 3.5 bar
- suction capacity of pump 8 m
- connecting flex cable 1.5 m

DRY RUNNING PROTECTION

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------------------|-------|-----------|----------|---------|
| A-CONTROL ECO L 24 - 750 | 750 W | 3 000 l/h | 45 m | 201 238 |
| A-CONTROL ECO L 35 - 750 | | | | 201 239 |
| A-CONTROL ECO L 50 - 750 | | | | 201 240 |
| A-CONTROL ECO L 80 - 750 | | | | 201 241 |

A-CONTROL AUTOMAT ECO

Comprehensive protection with simple settings.



Automatic booster sets equipped with Hydro-TECH intelligent control unit with integrated LED display displaying the pressure value in real time. Simple setting of on / off pressure, dry running monitoring. Booster sets with a high quality self-priming cast iron pump and a pressure vessel of 24 to 80 liters.

- motor type 230 V
- Noryl impeller
- user-friendly setting of the pressure mode on the control unit
- electronic dry running protection
- suction capacity of pump 8 m
- connecting flex cable 1.5 m

INTELLIGENT CONTROL

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------------------------|-------|-----------|----------|---------|
| A-CONTROL AUTOMAT ECO 24 - 750 | 750 W | 3 000 l/h | 45 m | 201 325 |
| A-CONTROL AUTOMAT ECO 35 - 750 | | | | 201 326 |
| A-CONTROL AUTOMAT ECO 50 - 750 | | | | 201 327 |
| A-CONTROL AUTOMAT ECO 80 - 750 | | | | 201 328 |

A-CONTROL

Suitable for family houses, cottages and irrigation.

Automatic booster sets with self-priming cast iron pump, 24 l pressure vessel with membrane and adjustable pressure switch.

- motor type 230 V
- motor in a version for higher loads
- switching on and off pressure setting 2 - 3.5 bar
- suction capacity of pump 8 m
- connecting flex cable 1.5 m

BRASS IMPELLER

| TYPE - power 750 W | MAX FLOW | MAX HEAD | CODE |
|--------------------|-----------|----------|---------|
| A-CONTROL 24 - 750 | 3 000 l/h | 52 m | 200 616 |
| A-CONTROL 35 - 750 | | | 200 617 |
| A-CONTROL 50 - 750 | | | 200 618 |
| A-CONTROL 80 - 750 | | | 200 613 |

| TYPE - power 1100 W | MAX FLOW | MAX HEAD | CODE |
|---------------------|-----------|----------|---------|
| A-CONTROL 24 - 1100 | 3 600 l/h | 61 m | 200 850 |
| A-CONTROL 35 - 1100 | | | 200 700 |
| A-CONTROL 50 - 1100 | | | 200 674 |
| A-CONTROL 80 - 1100 | | | 200 688 |



A-CONTROL L

Suitable for water sources with a lower yield.

Automatic booster sets with self-priming pump, with 24 to 80 l pressure vessel with membrane, adjustable pressure switch and inverse pressure switch for dry running protection.

- motor type 230 V
- brass impeller
- switching on and off pressure setting 2 - 3.5 bar
- suction capacity of pump 8 m
- connecting flex cable 1.5 m

DRY RUNNING PROTECTION

| TYPE - power 750 W | MAX FLOW | MAX HEAD | CODE |
|----------------------|-----------|----------|---------|
| A-CONTROL L 24 - 750 | 3 000 l/h | 52 m | 200 800 |
| A-CONTROL L 35 - 750 | | | 200 801 |
| A-CONTROL L 50 - 750 | | | 200 798 |
| A-CONTROL L 80 - 750 | | | 200 799 |

| TYPE - power 1100 W | MAX FLOW | MAX HEAD | CODE |
|-----------------------|-----------|----------|---------|
| A-CONTROL L 24 - 1100 | 3 600 l/h | 61 m | 201 430 |
| A-CONTROL L 35 - 1100 | | | 201 431 |
| A-CONTROL L 50 - 1100 | | | 201 432 |
| A-CONTROL L 80 - 1100 | | | 201 433 |



A-CONTROL AUTOMAT

Comprehensive protection with simple settings.

Automatic booster sets equipped with Hydro-TECH intelligent control unit with integrated LED display displaying the pressure value in real time. Simple setting of on / off pressure, dry running monitoring. Booster sets with a high quality self-priming cast iron pump and a pressure vessel of 24 to 80 liters.

- motor type 230 V
- brass impeller
- user-friendly setting of the pressure mode on the control unit
- electronic dry running protection
- suction capacity of pump 8 m
- connecting flex cable 1.5 m

INTELLIGENT CONTROL

| TYPE - power 750 W | MAX FLOW | MAX HEAD | CODE |
|----------------------------|-----------|----------|---------|
| A-CONTROL AUTOMAT 24 - 750 | 3 000 l/h | 52 m | 201 169 |
| A-CONTROL AUTOMAT 35 - 750 | | | 201 170 |
| A-CONTROL AUTOMAT 50 - 750 | | | 201 171 |
| A-CONTROL AUTOMAT 80 - 750 | | | 201 172 |

| TYPE - power 1100 W | MAX FLOW | MAX HEAD | CODE |
|-----------------------------|-----------|----------|---------|
| A-CONTROL AUTOMAT 24 - 1100 | 3 600 l/h | 61 m | 201 434 |
| A-CONTROL AUTOMAT 35 - 1100 | | | 201 435 |
| A-CONTROL AUTOMAT 50 - 1100 | | | 201 436 |
| A-CONTROL AUTOMAT 80 - 1100 | | | 201 437 |



BOOSTER SETS WITH MULTISTAGE PUMPS

FULL CONTROL MAXI

Suitable for generation houses, guesthouses, smaller operations and for irrigation.

Automatic booster sets with a multistage centrifugal pump are equipped with 24 to 100 l pressure vessel with membrane and adjustable pressure switch.

- motor type 230 V
- switching on and off pressure setting 2 - 3.5 bar
- suction capacity of pump 7 m
- connecting flex cable 1.5 m

STAINLESS STEEL PUMP HOUSING

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-----------------------|---------|-----------|----------|---------|
| FULL CONTROL MAXI 24 | 1 100 W | 5 400 l/h | 48 m | 200 576 |
| FULL CONTROL MAXI 35 | | | | 200 512 |
| FULL CONTROL MAXI 50 | | | | 200 514 |
| FULL CONTROL MAXI 80 | | | | 200 517 |
| FULL CONTROL MAXI 100 | | | | 200 910 |



FULL CONTROL MAXI L

Suitable for water sources with a lower yield.

Automatic booster sets with inverse pressure switch for dry running protection. They are equipped with a multistage centrifugal pump and 24 to 100 l pressure vessel with membrane and adjustable pressure switch.

- motor type 230 V
- switching on and off pressure setting 2 - 3.5 bar
- suction capacity of pump 7 m
- connecting flex cable 1.5 m

DRY RUNNING PROTECTION

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-------------------------|---------|-----------|----------|---------|
| FULL CONTROL MAXI L 24 | 1 100 W | 5 400 l/h | 48 m | 20 859 |
| FULL CONTROL MAXI L 35 | | | | 20 860 |
| FULL CONTROL MAXI L 50 | | | | 20 861 |
| FULL CONTROL MAXI L 80 | | | | 20 863 |
| FULL CONTROL MAXI L 100 | | | | 200 911 |



FULL CONTROL MAXI T

Suitable for generation houses, guesthouses, smaller operations and for irrigation.

Automatic booster sets with multistage centrifugal pump, 24 to 100 l pressure vessel with membrane and adjustable pressure switch.

- motor type 400 V
- switching on and off pressure setting 2 - 3.5 bar
- suction capacity of pump 7 m
- connecting flex cable 1.5 m

THREE-PHASE VERSION

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-------------------------|---------|-----------|----------|---------|
| FULL CONTROL MAXI T 24 | 1 100 W | 6 000 l/h | 48 m | 200 900 |
| FULL CONTROL MAXI T 50 | | | | 200 901 |
| FULL CONTROL MAXI T 100 | | | | 200 914 |



F-AUTOMAT

Compact booster set.



Intelligent pumps - boostersets with control unit, integrated real-time LED display. Simple adjustment and control, dry running monitoring - **automatic restart after water source recovery** (pumping tests of dry running). Pipe leakage protection function. All fitted with a self-priming pump with a washable 80 µm mechanical impurities pre-filter, supplied with a filter maintenance key.

- motor type 230 V
- suction capacity of pump 8 m
- connecting flex cable 1.5 m



INTELLIGENT CONTROL

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|----------------|---------|-----------|----------|---------|
| F-AUTOMAT 900 | 900 W | 3 600 l/h | 43 m | 201 149 |
| F-AUTOMAT 1100 | 1 100 W | 4 600 l/h | 46 m | 201 150 |

When used in hard piping systems, it is recommended to use a small pressure vessel to accumulate pressure surges.

PUMPS WITH HYDROSTAT

HYDROCONTROL

Suitable for boosting pressure in the water supply line or automatic and manual irrigation.



HYDROCONTROL JET 800-1, 1200-1

Centrifugal pumps fitted with hydrostat. Hydrostat protects the pump from running dry, maintains the required pressure mode - ie, the device is continually working at the highest operating point.

- motor type 230 V
- switch-on pressure set to 1.5 or 2.2 bar
- suction capacity of pump 8 m (5 m for the MOUSE model, 7m for the MAXIJET model)
- connecting flex cable 1.5 m



HYDROCONTROL MOUSE



HYDROCONTROL ECOJET



HYDROCONTROL A-JET, A-JET ECO



HYDROCONTROL MAXIJET

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-----------------------------|---------|-----------|----------|---------|
| HYDROCONTROL MOUSE 60 | 370 W | 2 100 l/h | 32 m | 201 329 |
| HYDROCONTROL ECOJET 600 | 600 W | 3 000 l/h | 35 m | 200 586 |
| HYDROCONTROL A-JET 750 ECO | 750 W | 3 000 l/h | 45 m | 201 330 |
| HYDROCONTROL A-JET 750 Bss | 750 W | 3 000 l/h | 52 m | 200 627 |
| HYDROCONTROL A-JET 1100 Bss | 1100 W | 3 600 l/h | 61 m | 200 696 |
| HYDROCONTROL JET 800 | 800 W | 3 200 l/h | 40 m | 200 482 |
| HYDROCONTROL JET 1200 | 1 200 W | 3 800 l/h | 48 m | 201 438 |
| HYDROCONTROL MAXIJET 1100 | 1 100 W | 5 400 l/h | 48 m | 200 579 |

AUTOMATIC BOOSTER SETS WITH FREQUENCY CONVERTER

ECONOMY CONTROL

Suitable for family houses, guesthouses and medium-sized operations.

Automatic booster sets with centrifugal multistage pump MAXIJET or PENTAX ULTRA series with stainless steel jacket, pressure vessel with EPDM membrane and speed motor frequency converter ECONOMY.

System is designed for comfortable supply of water to family houses and medium-sized operations. Thanks to a highly efficient hydraulic system and an intelligent frequency inverter, your water system will still be under constant pressure, protected from dry running and will consume only the necessary amount of electrical power.

The device can also be used to boost pressure in the water supply line.

Advantages:

- clear digital display
- easy to operate
- very low noise level
- low power consumption
- input voltage 230 V
- protected against electric overload
- protected against dry running
- 8 l pressure vessel included

ENERGY SAVINGS UP TO 50%



ENERGY SAVINGS UP TO 50%

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-------------------------------|---------|------------|----------|---------|
| HORIZONTAL | | | | |
| ECONOMY CONTROL MAXI 1100 | 1 100 W | 6 000 l/h | 48 m | 200 872 |
| ECONOMY CONTROL - U3 120/6 H | 900 W | 4 800 l/h | 63 m | 201 272 |
| ECONOMY CONTROL - U3 150/7 H | 1 100 W | | 75 m | 201 274 |
| ECONOMY CONTROL - U5 150/5 H | 1 100 W | 8 400 l/h | 57 m | 201 276 |
| ECONOMY CONTROL - U5 180/6 H | 1 300 W | | 69 m | 201 278 |
| ECONOMY CONTROL - U5 200/7 H | 1 500 W | | 80 m | 201 280 |
| ECONOMY CONTROL - U7 180/4 H | 1 300 W | 10 200 l/h | 49 m | 201 282 |
| ECONOMY CONTROL - U7 250/5 H | 1 850 W | | 63 m | 201 284 |
| ECONOMY CONTROL - U7 300/6 H | 2 200 W | | 75 m | 201 286 |
| ECONOMY CONTROL - U9 150/3 H | 1 100 W | 14 400 l/h | 35 m | 201 302 |
| ECONOMY CONTROL - U9 200/4 H | 1 500 W | | 47 m | 201 288 |
| ECONOMY CONTROL - U9 250/5 H | 1 850 W | | 59 m | 201 290 |
| ECONOMY CONTROL - U18 250/3 H | 1 850 W | 25 200 l/h | 35 m | 201 292 |

| | | | | |
|-------------------------------|---------|------------|------|---------|
| VERTICAL | | | | |
| ECONOMY CONTROL - U3 120/6 V | 900 W | 4 800 l/h | 63 m | 201 273 |
| ECONOMY CONTROL - U3 150/7 V | 1 100 W | | 75 m | 201 275 |
| ECONOMY CONTROL - U5 150/5 V | 1 100 W | 8 400 l/h | 57 m | 201 277 |
| ECONOMY CONTROL - U5 180/6 V | 1 300 W | | 69 m | 201 279 |
| ECONOMY CONTROL - U5 200/7 V | 1 500 W | | 80 m | 201 281 |
| ECONOMY CONTROL - U7 180/4 V | 1 300 W | 10 200 l/h | 49 m | 201 283 |
| ECONOMY CONTROL - U7 250/5 V | 1 850 W | | 63 m | 201 285 |
| ECONOMY CONTROL - U7 300/6 V | 2 200 W | | 75 m | 201 287 |
| ECONOMY CONTROL - U9 200/4 V | 1 500 W | 15 600 l/h | 47 m | 201 289 |
| ECONOMY CONTROL - U9 250/5 V | 1 850 W | | 59 m | 201 291 |
| ECONOMY CONTROL - U18 250/3 V | 1 850 W | 24 000 l/h | 35 m | 201 293 |



INTELLIGENT SUBMERSIBLE PUMPS

ECORRA

Suitable for family houses, irrigation systems.



Intelligent submersible pumps-booster sets with integrated control unit with automatic operation mode adjustment, dry-running monitoring, automatic restart after water supply recovery with intervals of 3 x 30 s, 1 hour, 5 hours and every 24 hours. The pumps start and stop automatically, the start pressure is set at 2.5 bar and are designed for the highest supply point up to 17 m (measured from the pump to the highest supply point). The pumps have a diameter of 170 mm.

- ECORRA 800, 1000, 1200 models suitable for boreholes, wells, etc.
- ECORRA 1200-1 model is suitable for storage tanks with floating suction
- small pressure vessel with membrane (5-24 l) is recommended for smooth operation
- motor type 230 V
- 15 m connecting flex cable H07RNF



EASY INSTALLATION

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|------------------------------------|---------|-----------|----------|---------|
| ECORRA 800 | 800 W | 5 400 l/h | 32 m | 201 410 |
| ECORRA 1000 | 1 000 W | 5 400 l/h | 42 m | 201 411 |
| ECORRA 1200 | 1 200 W | 5 700 l/h | 50 m | 201 219 |
| ECORRA 1200-1 | 1 200 W | 5 700 l/h | 50 m | 201 486 |
| FLOATING SUCTION TO VARIANT 1200-1 | | | | 201 029 |

EPICK

Suitable for family houses, irrigation systems.



Intelligent submersible pumps-booster sets with integrated control unit with automatic operation mode adjustment, dry-running monitoring, automatic restart after water supply recovery with intervals of 3 x 30 s, 1 hour, 5 hours and every 24 hours.

The pumps start and stop automatically, the start pressure is set at 2 bar and are designed for the highest supply point up to 15 m (measured from the pump to the highest supply point). The pumps have a diameter of 100 mm. The delivery also includes a base for use in a sump or tank and a lowering rope.

- small pressure vessel with membrane (5-24 l) is recommended for smooth operation
- motor type 230 V
- 15 m connecting flex cable H07RF



| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-----------|-------|-----------|----------|---------|
| EPICK 900 | 900 W | 4 500 l/h | 60 m | 201 308 |

AUTOMATIC BOOSTER STATION WITH TWO PUMPS

equipped with frequency converters including complete cabling

QUICK RETURN ON INVESTMENT

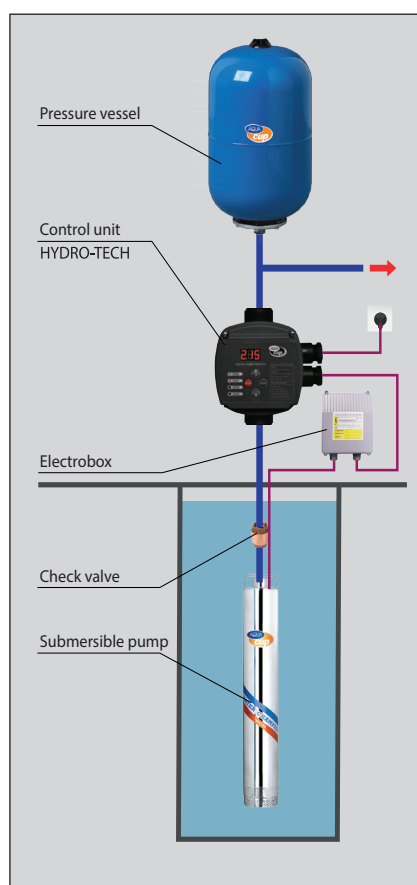


For the optimal choice and price offer, contact your dealer.

INTELLIGENT BOOSTER SETS WITH A SUBMERSIBLE PUMP

SUB CONTROL AUTOMAT

Suitable for boreholes and wells from a minimum diameter of 110 mm.



Intelligent booster sets with a submersible pump and a **HYDRO-TECH** control unit with an integrated LED display with simple setting of the on and off pressure and control, dry running monitoring and real-time pressure.

Booster sets with a quality multi-stage pump A-TEC, ELECTRA or AQ-TEC 1100 and a pressure vessel 24 to 80 liters.

- motor type 230 V
- intelligent control unit and control box



| TYPE | POWER | MAX FLOW | MAX HEAD | CABLE | PRESSURE VESSEL - CODE | | |
|------------------------|---------|-----------|----------|-------|------------------------|---------|---------|
| | | | | | 24 l | 50 l | 80 l |
| SUB CONTROL AUTOMAT | | | | | | | |
| 3" ELECTRA 60/64 | 550 W | 3 600 l/h | 64 m | 25 m | 201 439 | 201 440 | 201 441 |
| 3" ELECTRA 60/84 | 750 W | 3 600 l/h | 84 m | | 201 442 | 201 443 | 201 444 |
| 3,5" ELECTRA 45/78 | 550 W | 2 700 l/h | 78 m | | 201 179 | 201 180 | 201 181 |
| 3,5" ELECTRA 45/100 | 750 W | 2 700 l/h | 100 m | | 201 445 | 201 446 | 201 447 |
| 4" ELECTRA 80/72 | 550 W | 4 800 l/h | 72 m | | 201 448 | 201 449 | 201 450 |
| 4" ELECTRA 100/102 | 1 100 W | 6 000 l/h | 102 m | | 201 487 | 201 488 | 201 489 |
| 4" ELECTRA 140/105 | 1 500 W | 8 400 l/h | 105 m | | 201 490 | 201 491 | 201 492 |
| 4" ELECTRA INOX 70/62 | 750 W | 4 200 l/h | 62 m | | 201 454 | 201 455 | 201 456 |
| 4" ELECTRA INOX 70/92 | 1 100 W | 4 200 l/h | 92 m | | 201 457 | 201 458 | 201 459 |
| 4" ELECTRA INOX 100/68 | 1 100 W | 6 000 l/h | 68 m | | 201 460 | 201 461 | 201 462 |
| 4" A-TEC 75/60 * | 900 W | 4 500 l/h | 60 m | 20 m | 201 176 | 201 177 | 201 178 |
| 5" AQ-TEC 1100 * ** | 1 100 W | 7 800 l/h | 65 m | | 201 182 | 201 183 | 201 184 |

The **HYDROTECH** device can be used with any pump with a 230 V motor and an input power of up to 2200 W.

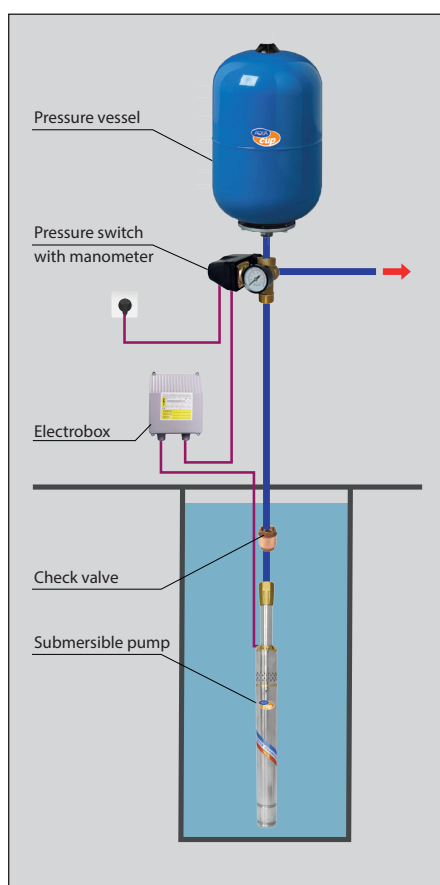
On request, a longer cable can be supplied to the waterworks, or larger pressure vessel size.

- *) bottom suction **) Due to the high flow rate of the pump, the booster set can also be used for automatic irrigation of your garden at the same time. Double dry run protection.

BOOSTER SETS WITH SUBMERSIBLE PUMP AND CONTROL BOX

SUB CONTROL

Suitable for cottages, smaller family houses and for irrigation.



Domestic booster sets with submersible 2.5", 3", 3.5" or 4" pump, control box and accessories. Booster sets are suitable for installation in wells and boreholes or where it is not possible to use a surface pump.

Booster sets with quality multi-stage pumps SIGI, ELECTRA or spindle pump WORM with pressure vessel with membrane.

- motor type 230 V
- 24 l or 50 l pressure vessel with membrane
- 20 m or 25 m connecting cable with electric box
- switching on and off pressure setting 2 - 3.5 bar



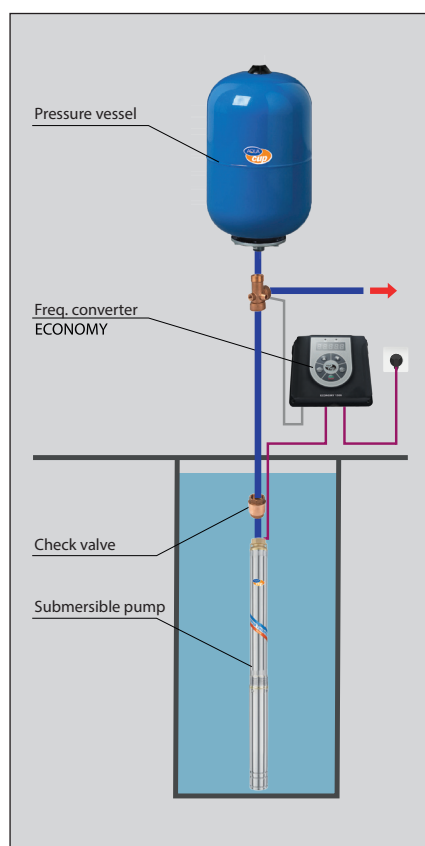
| TYPE | POWER | MAX FLOW | MAX HEAD | CABLE | PRESSURE VESSEL - CODE | |
|-----------------------|---------|-----------|----------|-------|------------------------|---------|
| SUB CONTROL | | | | | 24 l | 50 l |
| 2,5" WORM 35/100 | 550 W | 1 800 l/h | 100 m | 20 m | 201 242 | 201 493 |
| 3" SIGI 40/55 | 750 W | 2 400 l/h | 55 m | | 200 917 | 201 494 |
| 3" ELECTRA 60/84 | 750 W | 3600 l/h | 84 m | 25 m | 201 495 | 201 496 |
| 3,5" ELECTRA 45/78 | 550 W | 2 700 l/h | 78 m | | 200 997 | 201 497 |
| 3,5" ELECTRA 45/100 | 750 W | | 100 m | | 201 465 | 201 498 |
| 4" SIGI 40/60 | 750 W | 2 400 l/h | 60 m | 20 m | 200 860 | 201 499 |
| 4" SIGI 40/100 | 1 100 W | | 100 m | | 200 858 | 201 500 |
| 4" ELECTRA 80/72 | 550 W | 4 800 l/h | 72 m | 25 m | 201 501 | 201 502 |
| 4" ELECTRA 80/122 | 1 100 W | | 122 m | | 201 503 | 201 504 |
| 4" ELECTRA 140/105 | 1 500 W | | 105 m | | 201 505 | 201 506 |
| 4" ELECTRA INOX 70/92 | 1 100 W | 4 200 l/h | 92 m | | 201 507 | 201 186 |
| 4" A-TEC 75/60 * | 900 W | 4 500 l/h | 60 m | 20 m | 201 508 | 201 509 |
| 5" AQ-TEC 1100 * ** | 1 100 W | 7 800 l/h | 65 m | | 201 510 | 201 511 |

On request, a longer cable can be supplied to the waterworks, or larger pressure vessel size.

INTELLIGENT BOOSTER SETS WITH SUBMERSIBLE PUMP AND FREQUENCY CONVERTER

ECONOMY SUB CONTROL

Suitable for generation houses, guesthouses, medium operations and for irrigation.



Booster sets with ELECTRA or ELECTRA INOX submersible pump. The frequency converter protects the pump from overheating, dry running and ensures constant pressure.

- input voltage 230 V
- 24 l pressure vessel
- frequency converter ECONOMY 1500 (2200)
- 25 m connecting cable
- fitting, check valve
- clear digital display



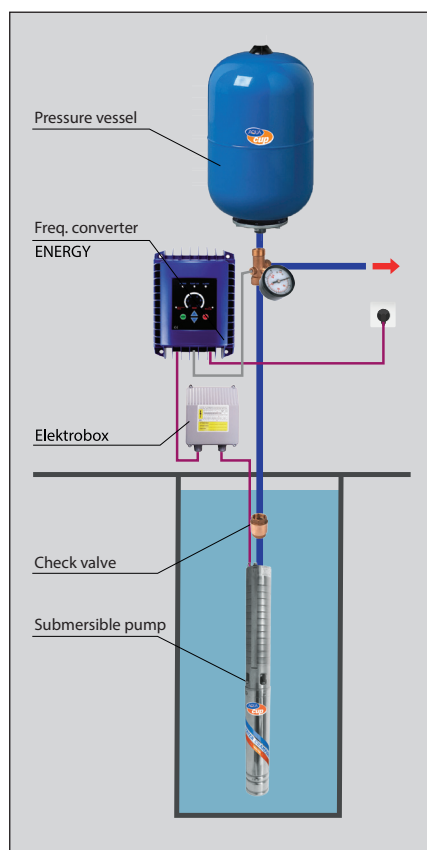
ENERGY-SAVING BOOSTER SET

| TYP | POWER | MAX FLOW | MAX HEAD | CODE |
|------------------------|---------|-----------|----------|---------|
| ECONOMY SUB CONTROL | | | | |
| 3" ELECTRA 60/64 | 550 W | 3 600 l/h | 64 m | 201 471 |
| 3" ELECTRA 60/84 | 750 W | | 84 m | 201 472 |
| 3" ELECTRA 60/104 | 920 W | | 104 m | 201 512 |
| 3" ELECTRA 60/124 | 1 100 W | | 124 m | 201 513 |
| 4" ELECTRA 80/122 | 1 100 W | 4 800 l/h | 122 m | 201 514 |
| 4" ELECTRA 100/102 | 1 100 W | 6 000 l/h | 102 m | 201 515 |
| 4" ELECTRA 140/77 | 1 100 W | 8 400 l/h | 77 m | 201 516 |
| 4" ELECTRA 140/105 | 1 500 W | | 105 m | 201 517 |
| 4" ELECTRA INOX 70/92 | 1 100 W | 4 200 l/h | 92 m | 200 898 |
| 4" ELECTRA INOX 100/68 | 1 100 W | 6 000 l/h | 68 m | 200 899 |

The **ECONOMY** device can be used with any pump with a 3x230 V motor and an input power of up to 1500 W.

ENERGY SUB CONTROL

Suitable for generation houses, guesthouses, medium operations and for irrigation.



Booster sets with ELECTRA or ELECTRA INOX submersible pump. The frequency converter protects the pump from overheating, dry running and ensures constant pressure.

- input voltage 230 V an input power of up to 1100 W
- 24 l pressure vessel
- frequency converter ENERGY
- 25 m connecting cable
- 5-way fitting, manometer, check valve



ENERGY-SAVING BOOSTER SET

| TYP | POWER | MAX FLOW | MAX HEAD | CODE |
|------------------------|---------|------------|----------|---------|
| ENERGY SUB CONTROL | | | | |
| 3" ELECTRA 60/64 | 550 W | 3 600 l/h | 64 m | 201 476 |
| 3" ELECTRA 60/84 | 750 W | | 84 m | 201 477 |
| 3,5" ELECTRA 45/78 | 550 W | 2 700 l/h | 78 m | 200 864 |
| 3,5" ELECTRA 45/100 | 750 W | 2 700 l/h | 100 m | 200 865 |
| 4" ELECTRA 80/72 | 550 W | 4 800 l/h | 72 m | 201 519 |
| 4" ELECTRA 100/73 | 750 W | 6 000 l/h | 73 m | 201 520 |
| 4" ELECTRA 140/77 | 1 100 W | 8 400 l/h | 77 m | 201 521 |
| 4" ELECTRA 180/57 | 1 100 W | 10 800 l/h | 57 m | 201 522 |
| 4" ELECTRA INOX 70/62 | 750 W | 4 200 l/h | 62 m | 200 867 |
| 4" ELECTRA INOX 70/92 | 1 100 W | 4 200 l/h | 92 m | 201 481 |
| 4" ELECTRA INOX 100/68 | 1 100 W | 6 000 l/h | 68 m | 201 482 |

SUBMERSIBLE PUMP ACCESSORY SET

SUB SYSTEM

Suitable for cottages, smaller family houses and for irrigation.



A set of accessories for the construction of a booster set with a submersible pump in a version for 230 or 400 V.

The set includes:

- 24 to 150 l pressure vessel with membrane
- pressure switch
- manometer
- 5-way fitting
- check valve

| TYPE | VESSEL VOLUME | VERSION - CODE | |
|----------------|---------------|----------------|----------|
| | | HORIZONTAL | VERTICAL |
| SUB SYSTEM 24 | 24 l | 201 331 | 200 920 |
| SUB SYSTEM 35 | 35 l | 201 332 | 200 921 |
| SUB SYSTEM 50 | 50 l | 201 333 | 200 922 |
| SUB SYSTEM 60 | 60 l | 201 334 | 200 923 |
| SUB SYSTEM 80 | 80 l | 201 335 | 200 924 |
| SUB SYSTEM 100 | 100 l | 201 336 | 200 925 |
| SUB SYSTEM 150 | 150 l | 201 518 | 200 926 |

SUB SYSTEM

Multifunctional pressure vessels.



A set of accessories for the construction of a booster set with a submersible pump in a design for 230 or 400 V.

AR+ multifunctional vessels with a special replaceable membrane are intended for pressure and hot water systems.

The set includes:

- 24 to 100 l pressure vessel with membrane
- pressure switch
- manometer
- 5-way fitting
- check valve

5 YEAR WARRANTY FOR THE PRESSURE VESSEL

| TYPE | VESSEL VOLUME | CODE |
|---------------------|---------------|---------|
| VERTICAL | | |
| SUB SYSTEM AR 24+ | 24 l | 201 252 |
| SUB SYSTEM AR 35+ | 35 l | 201 253 |
| SUB SYSTEM AVR 50+ | 50 l | 201 254 |
| SUB SYSTEM AVR 60+ | 60 l | 201 255 |
| SUB SYSTEM AVR 80+ | 80 l | 201 256 |
| SUB SYSTEM AVR 100+ | 100 l | 201 257 |
| HORIZONTAL | | |
| SUB SYSTEM AHR 24+ | 24 l | 201 258 |
| SUB SYSTEM AHR 50+ | 50 l | 201 259 |
| SUB SYSTEM AHR 100+ | 100 l | 201 260 |

CENTRIFUGAL PUMPS

MOUSE

Suitable for irrigation, pressure boosting, pumping or cooling systems.



Centrifugal pumps with built-in thermal protection in the motor winding. Cast iron pump body, brass impeller and copper motor winding.

- motor type 230 V
- suction capacity 5 m
- stainless steel shaft

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|------------|-------|-----------|----------|---------|
| MOUSE Q 60 | 370 W | 2 100 l/h | 32 m | 200 954 |
| MOUSE Q 80 | 750 W | 2 700 l/h | 53 m | 200 955 |

ECOJET

Suitable for the construction of booster sets, irrigation, pumping and pressure boosting.



Self-priming pump with cast iron body and a shaft made of stainless steel AISI 316. The pump is equipped with a handle, a switch and a flexible cable. Built-in thermal protection in the motor winding.

- motor type 230 V
- suction capacity 8 m
- handle for easy handling

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------|-------|-----------|----------|---------|
| ECOJET 600-1 | 600 W | 2 800 l/h | 32 m | 201 412 |

JET

Suitable for building booster sets, irrigation and pumping.



Self-priming pump with stainless steel body, quality technopolymer diffuser and stainless steel shaft. The pump is equipped with a handle, a switch and a flexi cable. Thermal protection built into the motor winding.

- motor type 230 V
- suction capacity 8 m
- handling handle
- easily accessible drain plug of the pump body

STAINLESS STEEL PUMP HOUSING

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|------------|--------|-----------|----------|---------|
| JET 800-1 | 800 W | 3 200 l/h | 40 m | 201 413 |
| JET 1200-1 | 1200 W | 3 800 l/h | 48 m | 201 414 |

A-JET E

Suitable for irrigation, pressure boosting and construction of booster sets.

Self-priming pump with cast iron body, quality technopolymer diffuser, stainless steel shaft, with noryl impeller.

The pump has built-in thermal protection in the motor winding.

- motor type 230 V
- suction capacity 8 m
- **noryl impeller**
- reinforced diffuser construction
- including 1.5 m flexi cable



| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-------------|-------|-----------|----------|---------|
| A-JET 750 E | 750 W | 3 000 l/h | 45 m | 201 245 |

A-JET

Suitable for irrigation, boosting pressure and building booster sets.

Self-priming pumps with cast iron body, quality technopolymer diffuser, stainless steel shaft, brass impeller. The pumps have built-in thermal protection in the motor winding.

- motor type 230 V
- suction capacity 8 m
- **brass impeller**
- reinforced diffuser construction



A-JET 750



A-JET 1100

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|----------------|---------|-----------|----------|---------|
| A-JET 750 Bss | 750 W | 3 000 l/h | 52 m | 200 730 |
| A-JET 1100 Bss | 1 100 W | 3 600 l/h | 61 m | 200 675 |

MAXIJET

Suitable for building booster sets, irrigation and pumping.

Centrifugal multistage pumps with stainless steel casing, suction and discharge parts made of cast iron. The pumps have thermal protection in the motor winding.

- motor type 230 V or 400 V
- suction capacity 7 m
- technopolymer impellers
- quality diffusers



| TYPE | POWER | MAX FLOW | MAX HEAD | CABLE | CODE |
|-----------------|-------|----------|-----------|-------|---------|
| MAXIJET 4P | 230 V | 1 100 W | 5 400 l/h | 48 m | 200 956 |
| MAXIJET 4-100 T | 400 V | | 6 000 l/h | | 200 873 |
| MAXIJET 5P | 230 V | 1 300 W | 5 400 l/h | 55 m | 200 957 |

GASOLINE PUMPS

HYDROBLASTER

Suitable for use in environments without the possibility of connecting to electricity.



- easy operation and maintenance
- four-stroke gasoline engine with optimal consumption
- use for pumping and irrigation
- pumps are intended for clean and slightly polluted water
- convenient handling of the pump
- optimal performance-price ratio
- suction capacity 5 m

| TYPE | ENGINE POWER | MAX FLOW | MAX HEAD | CODE |
|-------------------|--------------|------------|----------|---------|
| HYDROBLASTER 2,5V | 1 700 W | 15 000 l/h | 20 m | 200 635 |

POOL PUMPS

SWIMMING

Suitable for pools up to a volume of 30 m³.

Pool pump with mechanical dirt pre-filter. Suitable for sand and cartridge filters.

- motor type 230 V
- flex cable 1.5 m
- easily accessible drain plug of the pump body
- stable pump base

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------|-------|------------|----------|---------|
| SWIMMING 550 | 550 W | 10 500 l/h | 10 m | 201 304 |

DOSING PUMPS

OLIMPIA

Suitable for dosing chemicals into systems.

Electromagnetic dosing pumps for water treatment in wells, swimming pools, boiler rooms, etc. Manual control of pump power 0-100%. The suction and discharge set is part of the basic equipment of the pump.

- motor type 230 V



| TYPE | MAX FLOW | PRESSURE | CODE |
|---------------|----------|----------|---------|
| OLIMPIA 05.05 | 5 l/h | 5 bar | 200 974 |
| OLIMPIA 02.07 | 2 l/h | 7 bar | 200 975 |

The complete assortment of dosing pumps can be found in the AQUATRADING catalog or at www.aquatrading.cz.

INTELLIGENT CIRCULATION PUMPS

STAR

Suitable for family houses.

Electronically controlled wet running circulation pump of the STAR series in energy class A with very low energy consumption. The pump is intended mainly for domestic heating systems and hot water systems and can be used both for underfloor heating and for one or two-pipe heating systems.

- motor type 230 V
- intelligent engine speed changer
- special and constant flow control
- energy class A according to the requirements of the European Union
- very low noise
- automatic NIGHT mode setting
- automatic adaptation to the selected mode and conditions



| TYPE | POWER | MAX FLOW | MAX HEAD | CON. LENGTH | CODE |
|-----------|--------|-----------|----------|-------------|---------|
| STAR 25/6 | 5-45 W | 2 100 l/h | 6 m | 180 mm | 201 000 |

GRS

Suitable for family houses.

- pumps have three speeds with easy switching as needed
- pump dimensions in construction lengths of 130 and 180 mm
- suitable for the necessity of hot water circulation
- temperature range of pumped liquid +10 to 110 °C
- maximum operating pressure up to 10 bar
- possibility of use in systems with antifreeze mixture (glycol/water 1:1)
- motor type 230 V
- the pumps do not need any maintenance

OUR TIP
EXPANSION POLYETHYLENE TANK

Expansion polyethylene tanks 30 l for open heating systems



| TYPE | POWER | MAX FLOW | MAX HEAD | CON. LENGTH | CODE |
|-----------|------------|-----------|----------|-------------|---------|
| GRS 25-40 | 40-60-90 W | 2 400 l/h | 6 m | 130 mm | 200 590 |
| GRS 25-40 | | | | 180 mm | 200 589 |

SPECIAL PUMPS - DIESEL, OIL, GLYCOL

PGA 229

Suitable for pumping clean media without solid additives.



Barrel self-priming pumps for diesel, oil, glycol, etc. The set includes a pump, a telescopic suction pipe, a discharge set with a nozzle, a flex cable, a switch and possibly a flow meter.

- motor type 230 V
- model PGA 229/C/T including flow meter
- option to purchase an automatic shut-off nozzle

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-------------|-------|-----------|----------|---------|
| PGA 229/T | 370 W | 3 600 l/h | 17 m | 201 050 |
| PGA 229/C/T | | | | 201 051 |

MULTIOIL

Suitable for pumping clean media without solid additives.



Pump for diesel and heating oil including suction and discharge set with gun.

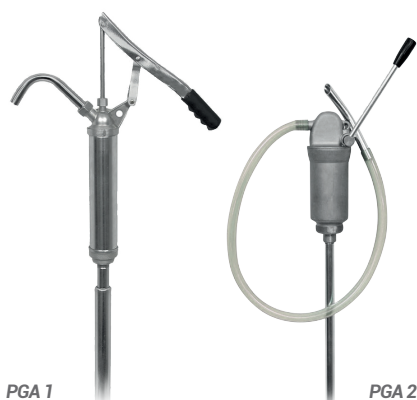
- motor type 230 V
- affordable model
- option to purchase an automatic shut-off nozzle

| TYPE | POWER | MAX FLOW | CODE |
|----------|-------|-----------|---------|
| MULTIOIL | 550 W | 2 100 l/h | 201 052 |



PGA 1, PGA 2

Suitable for pumping clean media without solid additives.



Manual barrel pumps with telescopic suction pipe, suitable for pumping oil, diesel or glycol.

- variable pump suction length
- ergonomically shaped handle

| TYPE | DESCRIPTION | MAX FLOW | CODE |
|-------|-----------------------------|----------|---------|
| PGA 1 | lever telescopic version | 900 l/h | 201 053 |
| PGA 2 | swinging telescopic version | | 201 054 |

ACCESSORIES FOR SPECIAL PUMPS

FLOW METER S 800



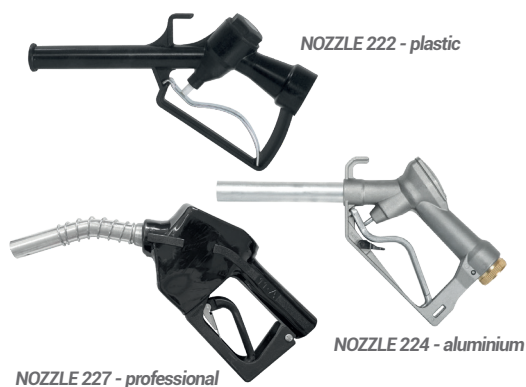
The flow meter is suitable for immediate and total measurement of the pumped amount of liquids such as diesel, glycol, or oil up to medium low viscosity.

- clear dial
- accuracy $\pm 1\%$
- suitable for all pumps of the PGA series

| TYPE | DESCRIPTION | CODE |
|-------|---|---------|
| S 800 | instant measurement, total measurement, zeroing | 201 055 |

NOZZLES

Available in plastic, aluminum, and professional.



Filling nozzles for use with pumps of the PGA series, or with flow meter S 800.

| TYPE | DESCRIPTION | CODE |
|----------------------------|-------------------------------------|---------|
| PISTOLE 222 - plastic | connection 1" | 201 056 |
| PISTOLE 224 - aluminium | connection 1" | 201 057 |
| PISTOLE 227 - professional | automatic switch-off, connection 1" | 201 058 |

SUCTION AND DISCHARGE SET



The suction and discharge set is compatible with pumps of the PGA series and suitable for pumping liquids such as diesel, glycol, or oil up to medium low viscosity.

| TYPE | DESCRIPTION | CODE |
|-------------------|---|---------|
| SUCTION SET PGA | suction set 4 m with basket and 1" connection | 201 059 |
| DISCHARGE SET PGA | discharge set 4 m with 1" connection | 201 060 |

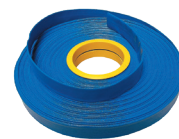
DRAINAGE PUMPS

TERRA

Suitable for pumping water with solids up to 5 mm.

Drainage pump for slightly polluted water with solids up to 5 mm. The pump is suitable for pumping water from swimming pools, flooded basements, tanks, etc.

- motor type 230 V
- shaft made of high-quality stainless steel
- 10 m flex cable
- connection 1"-5/4"



see page 57

OUR TIP

You will find it useful: TRIX connecting hose for drainage and sludge pumps.

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-----------|-------|-----------|----------|---------|
| TERRA 403 | 400 W | 7 000 l/h | 8 m | 201 298 |

MOBY

Suitable for pumping contaminated water from cellars, swimming pools, tanks...

Drainage pumps with built-in float switch and direct discharge in 230V motor type. The ability to pump slightly polluted water with solid particles of a maximum size of 5 mm. Suitable for pumping water from cellars, swimming pools and tanks. A big advantage of MOBY series pumps is the self-priming chamber.

MOP pump: Thanks to its design of the suction part, it is able to pump water up to a height of 3 mm.

- motor type 230 V
- 10 m flex cable
- connection 1"-5/4"
- built-in float switch
- mechanical seal



BUILT-IN FLOAT SWITCH

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|----------|-------|------------|----------|---------|
| MOBY 400 | 400 W | 9 000 l/h | 8 m | 201 406 |
| MOBY 900 | 900 W | 15 000 l/h | 9,5 m | 201 407 |

SUBTERRA

Suitable for pumping water with solids up to 5 mm.

Stainless steel drainage pumps for slightly polluted water with solids up to 5 mm, suitable for pumping water from swimming pools, flooded basements, tanks, etc.

- motor type 230 V
- float switch
- shaft and pump body made of high-quality stainless steel
- 10 m flexible cable
- direct pump discharge
- mechanical seal

DIRECT DISCHARGE

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------|-------|------------|----------|---------|
| SUBTERRA 553 | 550 W | 10 000 l/h | 8 m | 201 224 |
| SUBTERRA 903 | 900 W | 13 000 l/h | 9 m | 201 225 |

STRATEGY 750*Suitable for pumping polluted water with solids up to 10 mm.*

All-stainless steel drainage pump designed for demanding conditions thanks to its perfect material design - pumping polluted water with solids up to 10 mm, from excavations, sumps, tanks, etc. Suitable for continuous operation. Professional processing and used materials significantly increasing the life of the pump.

- AISI 304 stainless steel: pump body, impeller, shaft
- double mechanical seal in the oil chamber (carbon/ceramic, silicon/silicon)
- high pump discharge up to 18 m
- the pump can also be used for irrigation
- motor type 230 V
- float switch
- 10 m flex cable H07RNF
- connection 6/4"

*AISI 304 STAINLESS STEEL DESIGN, PREMIUM QUALITY!*

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------|-------|------------|----------|---------|
| STRATEGY 750 | 750 W | 12 000 l/h | 18 m | 200 824 |

BEST INOX 1100 D*Suitable for pumping polluted water with solids up to 10 mm.*

Stainless steel drainage pump with direct discharge for pumping polluted water from excavations, pits and the like. Increased resistance of the pump against abrasive materials with solid particles up to 10 mm, e.g. sand, slag, ash, etc. BEST INOX pumps belong to the AQUACUP PREMIUM series, are made of the best and most suitable certified materials and are intended for continuous operation.

- AISI 304 stainless steel: pump body, impeller, shaft
- double mechanical seal in the oil chamber (carbon/ceramic, silicon/silicon)
- motor type 230 V, with float switch and 10 m flex cable H07RNF
- direct discharge for easy handling of the pump
- connection 6/4"

*DIRECT DISCHARGE*

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|------------------|---------|------------|----------|---------|
| BEST INOX 1100 D | 1 100 W | 21 000 l/h | 16 m | 201 154 |

NEW CARTRIDGES FOR FINE FILTRATION
WITH AN EFFICIENCY OF UP TO 99,98%

FR-N, FR-A, ULTRAFILTRATION

PAGE 50 AND 54



SEWAGE PUMPS

UNITERRA

Suitable for pumping polluted water with solids up to 20 mm.

Sewage pumps for polluted water with solids up to 20 mm. Suitable for pumping waste and drainage water.

- motor type 230 V
- stainless steel shaft
- float switch
- 10 m flex cable
- connection 1"-5/4"
- mechanical seal

COMFORTABLE HANDLE

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------|-------|------------|----------|---------|
| UNITERRA 553 | 550 W | 10 000 l/h | 7 m | 201 229 |
| UNITERRA 903 | 900 W | 14 000 l/h | 8,5 m | 201 223 |

DRAFT

Suitable for pumping water with solids up to 35 mm.

Sewage pumps with integrated float switch and direct discharge in 230V motor type. The ability to pump polluted water with solid particles of a maximum size of up to 35 mm. Suitable for pumping excavations, pits and septic tanks. A big advantage of the DRAFT series pumps is the self-priming chamber.

- motor type 230 V
- built-in float switch
- 10 m connection cable
- connection 1"-5/4"
- mechanical seal



SELF-PRIMING CHAMBER

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-----------|-------|------------|----------|---------|
| DRAFT 550 | 550 W | 11 400 l/h | 7 m | 201 408 |
| DRAFT 900 | 900 W | 15 400 l/h | 8,5 m | 201 409 |

SUBWELL

Suitable for pumping water with solids up to 35 mm.

Stainless steel sewage pumps for heavily polluted water with solids up to 35 mm. Suitable for pumping sludge and waste water from sumps and septic tanks.

- motor type 230 V
- float switch
- stainless steel pump body and shaft
- 10 m connection cable
- connection 1"-5/4"
- mechanical seal

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------|---------|------------|----------|---------|
| SUBWELL 753 | 750 W | 13 000 l/h | 8,5 m | 201 226 |
| SUBWELL 1103 | 1 100 W | 16 500 l/h | 10,5 m | 201 227 |

BEST INOX 1100 V*Suitable for pumping polluted water with solids up to 40 mm.*

Stainless steel sewage pump with direct discharge for pumping heavily polluted water from excavations, septic tanks, waste pits and the like. Increased resistance of the pump against abrasive materials such as sand, slag, ash, etc. BEST INOX pumps belong to the AQUACUP PREMIUM series, they are made of the best and most suitable certified materials and are intended for continuous operation.

- AISI 304 stainless steel: pump body, impeller, shaft
- double mechanical seal in the oil chamber (carbon/ceramic, silicon/silicon)
- in 230 V motor type, with float switch and 10 m flex cable H07RNF
- solid particles up to 40 mm
- connection 6/4"

*DIRECT DISCHARGE, PREMIUM QUALITY!*

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|------------------|---------|------------|----------|---------|
| BEST INOX 1100 V | 1 100 W | 21 000 l/h | 13,5 m | 201 155 |

BEST INOX 1500*Suitable for pumping polluted water with solids up to 50 mm.*

Stainless steel sewage pump for difficult conditions for pumping coarse sludge and heavily polluted water from excavations, waste pits, etc. Increased resistance of the pump against abrasive materials - sand, slag, ash, etc.

- AISI 304 stainless steel: pump body, impeller, shaft
- double mechanical seal in the oil chamber (carbon/ceramic, silicon/silicon)
- two start-up capacitors
- solid particles up to 50 mm
- 230 V motor type, float switch
- 10 m flex cable H07RNF
- connection 2"

*TWO START-UP CAPACITORS*

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|----------------|---------|------------|----------|---------|
| BEST INOX 1500 | 1 500 W | 30 000 l/h | 14 m | 200 825 |

BEST INOX 2200*Suitable for pumping polluted water with solids up to 50 mm.*

Stainless three-phase sewage pump for difficult conditions - for pumping coarse sludge and heavily polluted water from excavations, waste pits, etc. Increased resistance of the pump against abrasive materials - sand, slag, ash, etc. The pump is designed for high flow - up to 45,000 l/h and a head up to 15 m.

- AISI 304 stainless steel: pump body, impeller, shaft
- mechanical seal in the oil chamber (carbon/ceramic, silicon/silicon)
- solid particles up to 50 mm
- 400 V motor type, connection cable 10 m H07RMF
- connection 3"

*PERFORMANCE WITHOUT COMPROMISE*

| TYP | VOLTAGE | POWER | MAX FLOW | MAX HEAD | CODE |
|----------------|---------|---------|------------|----------|---------|
| BEST INOX 2200 | 400 V | 2 200 W | 48 000 l/h | 15 m | 200 826 |

SEWAGE PUMPS

SHREDD

Suitable for pumping polluted water with fiber admixture.

Sewage pump with impeller and cutting knife for polluted water with fiber admixture - industrial and domestic waste with remnants of textile mixtures. The pump body is made of self-cleaning cast iron GG20, the impeller is made of ZG35 steel, the cutting knife is made of ZG40Cr steel, the shaft is made of 9 Cr18 steel (AISI 440 B), the motor insulation is class B, the motor protection is IP 68. The SHREDD pump belongs to the AQUACUP PREMIUM series, it is made of the best and most suitable certified materials and intended for continuous operation.

- float switch
- thermal fuse in the motor winding
- double mechanical seal in the oil chamber (carbon/ceramic, silicon/silicon)
- connection 2"-2 1/4"
- motor type 230 V
- connection cable 10 m H07RNF



INDUSTRIAL WASTE, PREMIUM QUALITY!

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|----------------|---------|------------|----------|---------|
| SHREDD 1100 QG | 1 100 W | 18 000 l/h | 16 m | 200 657 |



HART

Suitable for pumping polluted water with animal waste.

Sewage pump with impeller and crushing device for polluted water with admixture of solid particles such as wood residue, animal waste, slaughter waste, skin, bone parts, etc. The pump body is made of self-cleaning cast iron GG20, cast iron impeller, crushing knives made of steel ZG9Cr18, shaft made of steel 9 Cr18 (AISI 440 B), motor insulation class B, motor protection IP 68. The HART pump belongs to the AQUACUP PREMIUM series, it is made of the best and most suitable certified materials and is intended for continuous operation.

- float switch
- thermal fuse in the motor winding
- double mechanical seal in the oil chamber (carbon/ceramic, silicon/silicon)
- connection 2"-2 1/4"
- motor type 230 V
- connection cable 10 m H07RN



ANIMAL WASTE

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|---------------|---------|------------|----------|---------|
| HART 1100 SQG | 1 100 W | 12 000 l/h | 20 m | 200 658 |



BATTERY PUMPS

ACU RAIN



The AcuRAIN 50 pump is suitable where there is no electric current, it is primarily intended for watering gardens, flowers and for pumping service water from barrels and collection tanks. Modern and purposeful design with direct discharge guarantees easy work and handling of the pump. As standard, the pump is equipped with an LI-ion battery, which is included in the delivery including a charger.

- **compact and light design**

- battery charge indicator
- easy maintenance
- standard connection to quick couplings
- shut-off valve
- battery capacity 12 V / 2 Ah
- battery life approx. 30 minutes

ENOUGH PRESSURE FOR WATERING

| TYPE | POWER SUPPLY | POWER | MAX FLOW | MAX HEAD | CODE |
|---------------|--------------|-------|-----------|----------|---------|
| AcuRAIN 50 | 12 V DC | 50 W | 1 500 l/h | 11 m | 201 156 |
| Spare battery | | | | | 201 164 |

BARREL PUMPS

TROPIC 550

Suitable for irrigation and pumping of well and rainwater.



Submersible two-stage barrel pump with a 230V motor, equipped with a 10m flexible supply cable, float switch and connection accessories. The pump chamber also includes a fine filter that can be easily cleaned after removing the lock cover by rinsing. The pump is suitable for pumping water from cellars, tanks, barrels and for irrigation. The pump has a direct discharge and is designed for clean and rainwater without mechanical impurities.

- motor type 230 V
- 10 m connection cable
- connection 3/4"
- mechanical seal



DIRECT DISCHARGE, CONNECTING ACCESSORIES

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECTION | CODE |
|--------------|-------|-----------|----------|---------------|---------|
| TROPIC 550-2 | 550 W | 5 000 l/h | 20 m | 3/4" external | 201 159 |

PRESSURE PUMPS WITH BOTTOM SUCTION

TROPIC 800, 1000

Suitable for irrigation and pumping of well and rainwater.

Submersible pressure multi-stage pumps suitable for irrigation and transfer of clean and rainwater without mechanical impurities from wells, pools and reservoirs. The maximum immersion depth is 7 m and the maximum temperature of the pumped liquid is 35 °C.

- motor type 230 V
- 10 m connection cable
- connection 1"
- mechanical seal



| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECTION | CODE |
|---------------|---------|-----------|----------|------------|---------|
| TROPIC 800-3 | 800 W | 5 500 l/h | 30 m | 1" | 201 157 |
| TROPIC 1000-4 | 1 000 W | | 40 m | | 201 158 |

4" A-TEC

Suitable for dug wells.

Submersible multi-stage pump with bottom suction opening and control box. Pump body, suction strainer and shaft in stainless steel, impellers and diffusers in technopolymer. The pump has a diameter of 104 mm and is suitable for dug wells and boreholes. It represents an ideal solution for the construction of waterworks or for irrigating gardens.

- motor type 230 V
- 20 m connection cable
- pump body, suction strainer and shaft in AISI 304 stainless steel

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECTION | CODE |
|------------------|-------|-----------|----------|------------|---------|
| 4" A-TEC 75/60 M | 900 W | 4 500 l/h | 60 m | 1" | 201 228 |

5" AQ-TEC

Suitable for irrigation and the construction of domestic or industrial booster sets.

Submersible multistage pumps with bottom suction. Pump body, suction strainer, shaft and bearing housing made of stainless steel, impellers and diffusers made of polypropylene. Pumps with a diameter of 126 mm, suitable for dug wells, sumps and where it is necessary to monitor the water level due to the low yield of the source.

- motor type 230 V, 14 or 20 m connection cable, control box, float switch

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECTION | CABLE | CODE |
|--------------------|---------|-----------|----------|------------|-------|---------|
| 5" AQ-TEC 750 AUT | 750 W | 7 800 l/h | 43 m | 5/4" | 20 m | 201 151 |
| 5" AQ-TEC 1100 AUT | 1 100 W | | 65 m | | 20 m | 201 152 |
| 5" AQ-TEC 1500 AUT | 1 500 W | | 75 m | | 14 m | 201 032 |
| 5" AQ-TEC 1500 AUT | | | | | 20 m | 201 153 |

PRESSURE PUMPS

3" SIGI

Suitable for family houses or recreational facilities.



Submersible pump with a diameter of 75 mm with control box. The pump is suitable for wells and boreholes, for irrigation, construction of booster sets for smaller family houses and recreational facilities. The control box of single-phase motors is equipped with a capacitor and a current fuse, which protects the submersible motor from overheating or current damage.

- motor type 230 V
- max. immersion 50 m
- 20 m connection cable
- control box

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECTION | CODE |
|-----------------|-------|-----------|----------|------------|---------|
| 3" SIGI 40/55 M | 750 W | 2 400 l/h | 55 m | 1" | 200 857 |

4" SIGI

Suitable for family houses or recreational facilities.



Submersible pumps with a diameter of 96 mm with control box. Suitable for wells and boreholes, for irrigation, construction of booster sets for smaller family houses and recreational facilities. The control box of single-phase motors is equipped with a capacitor and a current fuse, which protects the submersible motor from overheating or current damage.

- motor type 230 V
- max. immersion 50 m
- 20 m or 30 m connection cable
- control box

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECTION | CABLE | CODE |
|------------------|---------|-----------|----------|------------|-------|---------|
| 4" SIGI 40/60 M | 750 W | 2 400 l/h | 60 m | 1" | 20 m | 200 721 |
| 4" SIGI 40/60 M | | | | | 30 m | 200 892 |
| 4" SIGI 40/100 M | 1 100 W | | 100 m | | 20 m | 200 809 |
| 4" SIGI 40/100 M | | | | | 30 m | 200 893 |

3" ELECTRA

Suitable for irrigation and for the construction of booster sets.



Multi-stage submersible pumps with control box. The pumps have a diameter of 75 mm, are suitable for boreholes and can be used for irrigation, pumping and for the construction of booster sets. When building a booster set, you can use a set of accessories with any pressure vessel. (see page 15).

- motor type 230 V (3x230 V on request)
- max. immersion 100 m
- 25 m or 35 m connection cable

SPLIT MOTOR AND HYDRAULIC, PROFESSIONAL DESIGN

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECT. | CABLE | CODE |
|---------------------|---------|-----------|----------|----------|-------|---------|
| 3" ELECTRA 60/64 M | 550 W | 3 600 l/h | 64 m | 1" | 25 m | 201 417 |
| 3" ELECTRA 60/84 M | 750 W | | 84 m | | | 201 418 |
| 3" ELECTRA 60/84 M | 750 W | | 84 m | | 35 m | 201 419 |
| 3" ELECTRA 60/104 M | 920 W | | 104 m | | | 201 420 |
| 3" ELECTRA 60/124 M | 1 100 W | | 124 m | | | 201 421 |

PRESSURE PUMPS

3,5" ELECTRA



Suitable for irrigation and for the construction of booster sets.

Multi-stage submersible pumps with control box. The pumps have a diameter of 86 mm, are suitable for boreholes and can be used for irrigation, pumping and for the construction of booster sets. When building a booster set, you can use a set of accessories with any pressure vessel. (see page 15).

- motor type 230 V
- max. immersion 50 m
- 25 m or 35 m connection cable

SEPARATE MOTOR AND HYDRAULIC, PROFESSIONAL DESIGN

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECT. | CABLE | CODE |
|-----------------------|-------|----------|----------|----------|-------|---------|
| 3,5" ELECTRA 45/78 M | 550 W | 2700 l/h | 78 m | 5/4" | 25 m | 200 607 |
| 3,5" ELECTRA 45/78 M | | | | | 35 m | 200 650 |
| 3,5" ELECTRA 45/100 M | 750 W | | 100 m | | 25 m | 200 606 |
| 3,5" ELECTRA 45/100 M | | | | | 35 m | 200 649 |

4" ELECTRA

Suitable for wells and boreholes and for the construction of booster sets.

Multi-stage submersible pumps in 230 V or 400 V motor type. 230 V motor type supplied with control box. The diameter of the pumps is 96 mm and they can be used for irrigation, pumping and for the construction of domestic and industrial booster sets. When building a booster set, you can use a set of accessories with any pressure vessel (see page 15).

- motor type 230 V, 400 V or 3x230V
- max. immersion 100 m
- 25 m connection cable with the possibility of extension

SEPARATE MOTOR AND HYDRAULIC, PROFESSIONAL DESIGN



| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECT. | CODE | | |
|--------------------|---------|------------|----------|----------|---------|---------|---------|
| | | | | | 230 V | 400 V | 3x230 V |
| 4" ELECTRA 80/72 | 550 W | 4 800 l/h | 72 m | 5/4" | 200 612 | - | - |
| 4" ELECTRA 80/93 | 750 W | | 93 m | | 201 543 | 201 544 | - |
| 4" ELECTRA 80/122 | 1 100 W | | 122 m | | - | 201 545 | 201 546 |
| 4" ELECTRA 100/73 | 750 W | 6 000 l/h | 73 m | | 201 547 | 201 548 | - |
| 4" ELECTRA 100/102 | 1 100 W | | 102 m | | - | 201 549 | 201 550 |
| 4" ELECTRA 100/131 | 1 500 W | | 131 m | | 201 551 | 201 552 | 201 553 |
| 4" ELECTRA 140/77 | 1 100 W | 8 400 l/h | 77 m | 6/4" | - | 201 554 | 201 555 |
| 4" ELECTRA 140/105 | 1 500 W | | 105 m | | 201 556 | 201 557 | 201 558 |
| 4" ELECTRA 140/140 | 2 200 W | | 140 m | | 201 559 | 201 560 | 201 561 |
| 4" ELECTRA 140/182 | 3 000 W | | 182 m | | - | 201 562 | - |
| 4" ELECTRA 180/57 | 1 100 W | 10 800 l/h | 57 m | 2" | - | 201 563 | 201 564 |
| 4" ELECTRA 180/76 | 1 500 W | | 76 m | | 201 656 | 201 566 | 201 567 |
| 4" ELECTRA 180/107 | 2 200 W | | 107 m | | 201 568 | 201 569 | 201 570 |
| 4" ELECTRA 180/145 | 3 000 W | | 145 m | | - | 201 571 | - |
| 4" ELECTRA 180/189 | 4 000 W | | 189 m | | - | 201 572 | - |
| 4" ELECTRA 240/61 | 1 500 W | 14 400 l/h | 61 m | | 201 573 | 201 574 | 201 575 |
| 4" ELECTRA 240/87 | 2 200 W | | 87 m | | 201 576 | 201 577 | 201 578 |
| 4" ELECTRA 240/114 | 3 000 W | | 114 m | | - | 201 579 | - |
| 4" ELECTRA 240/161 | 4 000 W | | 161 m | | - | 201 580 | - |

4" ELECTRA INOX

Suitable for wells and boreholes and for the construction of booster sets.



Cell stainless steel multistage submersible pumps with AQ series motor and 25 m connection cable. They can be used for the construction of booster sets, irrigation, pressure stations, etc.

- motor type 230 V or 400 V
- 230 V motor type supplied with control box
- max. immersion 50 m

STAINLESS STEEL IMPELLERS, DIFFUSERS AND SHAFT

| TYPE | POWER | VOLTAGE | MAX FLOW | MAX HEAD | CONNECT. | CODE |
|--------------------------|---------|---------|-----------|----------|----------|---------|
| 4" ELECTRA INOX 70/62 M | 750 W | 230 V | 4 200 l/h | 62 m | 6/4" | 200 845 |
| 4" ELECTRA INOX 70/62 T | | 400 V | | | | 200 844 |
| 4" ELECTRA INOX 70/92 M | 1 100 W | 230 V | 92 m | 200 847 | | |
| 4" ELECTRA INOX 70/92 T | | 400 V | | 200 846 | | |
| 4" ELECTRA INOX 100/68 M | | 230 V | 6 000 l/h | 200 849 | | |
| 4" ELECTRA INOX 100/68 T | | 400 V | | 200 848 | | |

PRESSURE SPINDLE PUMPS

2,5" WORM

Suitable for pumping clean water without solid additives.



2.5" submersible spindle pumps have a diameter of 64 mm and are suitable for wells and boreholes. The pumps are suitable for pumping clean water without solid additives and can be used for irrigation, pumping and for the construction of booster sets.

- motor type 230 V
- max. immersion 50 m
- stainless steel spindle
- stainless steel pump casing
- 20, 30, 40 m connection cable with control box

FAVORABLE PRICE, BEST SELLING MODEL

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECT. | CABLE | CODE |
|------------------|-------|-----------|----------|----------|-------|---------|
| 2,5" WORM 35/100 | 550 W | 1 800 l/h | 100 m | 1" | 20 m | 201 220 |
| 2,5" WORM 35/100 | | | | | 30 m | 201 221 |
| 2,5" WORM 35/100 | | | | | 40 m | 201 222 |

4" KLASIK

Suitable for pumping clean water without solid additives.



4" submersible spindle pumps have a diameter of 96 mm and are suitable for wells and boreholes. Stainless steel pump spindle and motor with stainless steel casing. Hydraulic part made in the Czech Republic, mounted on the ELECTRA motor. The pumps are suitable for pumping clean water without solid additives and can be used for irrigation, pumping and for the construction of booster sets.

- motor type 400 V
- max. immersion 100 m
- 25 m connection cable

VERIFIED PERFORMANCE

| TYPE | POWER | VOLTAGE | MAX FLOW | MAX HEAD | CONNECT. | CABLE | CODE |
|------------|---------|---------|-----------|----------|----------|-------|---------|
| KLASIK 1,1 | 1 100 W | 400 V | 2 160 l/h | 78 m | 1" | 25 m | 200 940 |
| KLASIK 1,5 | 1 500 W | | 3 300 l/h | | | | 200 941 |

POND PUMPS

CARETA

Energy savings of up to 35%.

By turning the valve, the pump is ready for installation for the BILLY skimmer.

An energy-saving series of pumps with great performance. Interesting design, articulated connection, easy installation for all types of filtration. The shape of the pump, replicating the shell of a sea turtle, enables perfect suction, so there are no flow losses. The pump is equipped with dual suction with the possibility of connecting to a skimmer. With the help of a UV lamp and properly selected filtration, the CARETA pump ensures that your pond is always transparent.

- control valve for setting the optimal ratio between suction by the pump body and suction through the skimmer
- protection degree IP 68
- 10 m connecting flex cable

ASYNCHRONOUS MOTOR

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|--------------|-------|------------|----------|---------|
| CARETA 3500 | 25 W | 3 500 l/h | 3 m | 200 909 |
| CARETA 5000 | 40 W | 4 500 l/h | 3,5 m | 200 750 |
| CARETA 6000 | 50 W | 6 500 l/h | 4 m | 200 746 |
| CARETA 8000 | 70 W | 8 000 l/h | 4,5 m | 200 739 |
| CARETA 10000 | 85 W | 10 000 l/h | 5 m | 200 740 |
| CARETA 13000 | 110 W | 13 000 l/h | 5,5 m | 200 905 |
| CARETA 15000 | 135 W | 15 000 l/h | 6 m | 200 906 |
| CARETA 18000 | 170 W | 17 500 l/h | 6,5 m | 200 907 |
| CARETA 20000 | 200 W | 19 000 l/h | 7 m | 200 908 |

BOSS

High efficiency.

By removing the front filter, the pump is ready for installation for a swimming pond.

Pond pumps with a large suction surface are suitable for all water tanks and ideal where a large flow rate is required. They can be installed directly in ornamental ponds or at swimming ponds outside the water tank in a dry sump. Thanks to their construction, they are able to pump large impurities and are ideal for filter systems. With the help of a UV lamp and OMEGA filtration, you get a filter set that will ensure optimal water purity in your pond.

You can install the FT 05 nozzle on the BOSS pump and create different forms of water jets for larger water areas and fountains.

- use as a submersible and surface pump
- protection degree IP 68
- 10 m connecting flex cable

ASYNCHRONOUS MOTOR

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|------------|---------|------------|----------|---------|
| BOSS 6000 | 95 W | 6 000 l/h | 3,5 m | 200 968 |
| BOSS 10000 | 135 W | 10 000 l/h | 4,5 m | 200 736 |
| BOSS 12000 | 175 W | 12 000 l/h | 5 m | 200 737 |
| BOSS 15000 | 320 W | 15 000 l/h | 6 m | 200 738 |
| BOSS 25000 | 520 W | 25 000 l/h | 8 m | 200 752 |
| BOSS 40000 | 1 000 W | 39 000 l/h | 11 m | 200 769 |

FOUNTAIN PUMPS

MANDY 6



Small fountain pump suitable for residential fountains and small ponds.

- 5 m connecting flex cable
- prefilter
- nozzle
- for water oxygenation
- connection 12 mm
- nozzle FT1

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|---------|-------|----------|----------|---------|
| MANDY 6 | 6 W | 450 l/h | 0,95 m | 200 732 |

MANDY 16-99



Fountain pumps with two nozzles and a flow control valve for a waterfall, cascade or stream. They are suitable for building fountains in garden ponds, city fountains, etc.

- 10 m connecting flex cable
- washable filter

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECTION | NOZZLE | CODE |
|----------|-------|-----------|----------|------------|--------|---------|
| MANDY 16 | 16 W | 1 000 l/h | 1,7 m | 1/2" | FT3 | 200 735 |
| MANDY 45 | 45 W | 2 000 l/h | 3 m | 1/2"-3/4" | FT4 | 200 734 |
| MANDY 70 | 70 W | 3 000 l/h | 3,5 m | 1/2" -1" | | 200 733 |
| MANDY 99 | 100 W | 5 000 l/h | 4 m | | FT5 | 200 731 |

VERSAILLES



Professional stainless steel pumps with asynchronous motor. They are suitable for city fountains, water cascades, etc.

Professional stainless steel VULCANO, GAISER, CAMPANA nozzles and a corresponding fine dirt filter can be ordered for the pump.

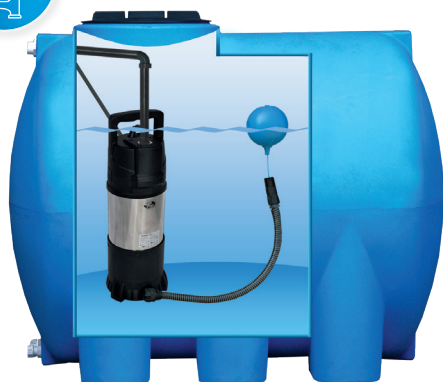
- 10 m connecting flex cable
- basic set of nozzles (FT5) with valve and flow control
- large suction area

| TYPE | POWER | MAX FLOW | MAX HEAD | CODE |
|-------------------|-------|------------|----------|---------|
| VERSAILLES 160/8 | 370 W | 9 000 l/h | 7,5 m | 201 061 |
| VERSAILLES 250/10 | 500 W | 15 000 l/h | 9,3 m | 201 062 |
| VERSAILLES 350/12 | 800 W | 19 200 l/h | 11 m | 201 063 |

SURFACE RAINWATER STATIONS

RAIN SYSTEM H-EC

Surface polyethylene tank with automatic submersible pump.



Surface stations with an integrated control unit in the pump body with a special check valve and pressure sensor. The stations are intended for collecting rainwater and surface water. The stations include a pump with floating suction.

- surface polyethylene tank 1000 l - 5000 l resistant to UV radiation and algae
- pump ECORRA 1200-1 with floating suction, protection against dry running
- automatic restoration of water supply after time intervals (see page 11)
- 15 m flexi cable H07RNF

AUTOMATIC RUNNING MODE

| TYPE | VOLUME | POWER | MAX FLOW | MAX HEAD | CODE |
|-----------------------|--------|---------|-----------|----------|---------|
| RAIN SYSTEM H-EC 1000 | 1000 l | 1 200 W | 5 700 l/h | 50 m | 201 191 |
| RAIN SYSTEM H-EC 1500 | 1500 l | | | | 201 192 |
| RAIN SYSTEM H-EC 2000 | 2000 l | | | | 201 193 |
| RAIN SYSTEM H-EC 3000 | 3000 l | | | | 201 194 |
| RAIN SYSTEM H-EC 5000 | 5000 l | | | | 201 195 |

UNDERGROUND RAINWATER STATIONS

RAIN SYSTEM HZ-EC

Underground polyethylene tank with automatic submersible pump.



Underground station with an integrated control unit in the pump body with a special check valve and pressure sensor. The stations are intended for collecting rainwater and surface water. The stations include a pump with floating suction.

- surface polyethylene tank 1000 l - 5000 l resistant to UV radiation and algae
- pump ECORRA 1200-1 with floating suction, protection against dry running
- automatic restoration of water supply after time intervals (see page 11)
- components to connect
- 15 m flexi cable H07RNF

AUTOMATIC RUNNING MODE

| TYPE | VOLUME | POWER | MAX FLOW | MAX HEAD | CODE |
|------------------------|---------|---------|-----------|----------|---------|
| RAIN SYSTEM HZ-EC 1500 | 1 500 l | 1 200 W | 5 700 l/h | 50 m | 201 196 |
| RAIN SYSTEM HZ-EC 3000 | 3 000 l | | | | 201 197 |
| RAIN SYSTEM HZ-EC 5000 | 5 000 l | | | | 201 198 |

PUMPING STATION FOR RAINWATER AND WASTE WATER



UPON REQUEST, WE WILL SUPPLY YOU WITH PUMPING STATION WITH A PUMP OF YOUR CHOICE OR RECOMMEND AN OPTIMAL SOLUTION

SURFACE WASTEWATER STATIONS

SUMOBOX 500

Polyethylene surface tank 500 l + sewage pump SHREDD or BEST INOX.

The polyethylene tank is equipped with a plastic lid for easy access to the pump in case of inspection. The SHREDD sewage pump is equipped with an impeller made of ZG35 steel and a cutting knife made of ZG40Cr steel. The BEST INOX stainless steel sewage pump is fitted with an AISI 304 steel impeller. It is intended for pumping domestic and industrial wastewater (in the SHREDD version and with fiber admixture). A fitting is installed on the discharge connecting pipe for quick and easy pump maintenance.

- pump motor type 230 V
- the diameter of the inlet pipe is 110 mm
- 10 m flexi cable H07RNF
- the MS motor starter (p. 56) is part of the delivery

WASTE WATER PUMPING

| TYPE | POWER | MAX FLOW | MAX HEAD | CONNECT. | CODE |
|----------------------------|---------|------------|----------|----------|---------|
| SUMOBOX 500/SHREDD | 1 100 W | 18 000 l/h | 16 m | 2" | 200 807 |
| SUMOBOX 500/BEST INOX 1100 | 1 100 W | 21 000 l/h | 16 m | 2" | 201 246 |
| SUMOBOX 500/BEST INOX 1500 | 1 500 W | 30 000 l/h | 14 m | 2" | 200 808 |

UNDERGROUND WASTEWATER STATIONS

SUMOBOX 750/1000/2000

Underground polyethylene tank + one or two SHREDD or BEST INOX sewage pumps.

The polyethylene tank of 750, 1000 or 2000 l is equipped with a plastic lid for easy access to the pump in case of inspection. The SHREDD sewage pump is equipped with an impeller made of ZG35 steel and a cutting knife made of ZG40Cr steel. The BEST INOX stainless steel sewage pump is equipped with an AISI 304 steel impeller. It is intended for pumping sewage (in the SHREDD variant and with fiber admixture) from family houses and smaller industrial and recreational facilities. A fitting is installed on the discharge connecting pipe for quick and easy pump maintenance.

- pump motor type 230 V
- 10 m flexi cable H07RNF
- the MS motor starter (p. 56) for each pump is included in the delivery

HIGH PERFORMANCE OF PUMPING

| TYPE | POWER | MAX FLOW | MAX H | CONNECT. | CODE |
|---------------------------------------|----------|------------|-------|----------|---------|
| SUMOBX 750 - 2x SHREDD | 2x1100 W | 36 000 l/h | 16 m | 2" | 201 042 |
| SUMOBX 750 - 2x BEST INOX 1100 | 2x1100 W | 42 000 l/h | | | 201 247 |
| SUMOBX 750 - 2x BEST INOX 1500 | 2x1500 W | 60 000 l/h | 14 m | | 201 074 |
| SUMOBX 1000 - 1x SHREDD | 1 100 W | 18 000 l/h | 16 m | 2" | 201 294 |
| SUMOBX 1000 - 2x SHREDD | 2x1100 W | 36 000 l/h | | | 201 523 |
| SUMOBX 1000 - 1x BEST INOX 1100 | 1 100 W | 21 000 l/h | | | 201 524 |
| SUMOBX 1000 - 2x BEST INOX 1100 | 2x1100 W | 42 000 l/h | | | 201 525 |
| SUMOBX 1000 - 1x BEST INOX 1500 | 1 500 W | 30 000 l/h | 14 m | | 201 526 |
| SUMOBX 1000 - 2x BEST INOX 1500 | 2x1500 W | 60 000 l/h | | | 201 527 |
| SUMOBX 2000 - 1x SHREDD | 1 100 W | 18 000 l/h | 16 m | 2" | 201 295 |
| SUMOBX 2000 - 2x SHREDD | 2x1100 W | 36 000 l/h | | | 201 337 |
| SUMOBX 2000 - 1x BEST INOX 1100 | 1 100 W | 21 000 l/h | | | 201 528 |
| SUMOBX 2000 - 2x BEST INOX 1100 | 2x1100 W | 42 000 l/h | | | 201 529 |
| SUMOBX 2000 - 1x BEST INOX 1500 | 1 500 W | 30 000 l/h | 14 m | | 201 530 |
| SUMOBX 2000 - 2x BEST INOX 1500 | 2x1500 W | 60 000 l/h | | | 201 531 |
| Extension 500 mm - SUMOBX 750 | | | | | 201 532 |
| Extension 500 mm - SUMOBX 1000, 2000 | | | | | 201 296 |
| Extension 1000 mm - SUMOBX 1000, 2000 | | | | | 201 297 |



PRESSURE POND FILTRATION

IRIS CPF 180

For ponds up to 4 m³.



Closed pressure filter designed for ornamental garden ponds up to a maximum volume of 4 m³. The filtration is equipped with a pollution indicator. The possibility of location outside the shore of the lake, the outflow of water from the filtration can be used for a stream or a waterfall. Filtration has operation mode switching and washing.

- volume 8 l
- integrated UV lamp with an input of 11 W
- variable attachments for inlet and outlet hoses

| RECOMMENDED PUMP | POND WITHOUT FISH | POND WITH FISH | CODE |
|------------------|-------------------|------------------|---------|
| 3 500 l/h | 2 m ³ | 1 m ³ | 200 666 |
| 4 500 l/h | 4 m ³ | 2 m ³ | |

AVA CPF 250

For ponds up to 10 m³.



Closed pressure filter intended for ornamental garden ponds up to a maximum volume of 10 m³. The filtration is two-chambered, the lower chamber contains filter balls that trap coarse dirt, the upper chamber contains foam filter sponges. Filtration has operation mode switching and washing. The filtration is equipped with a pollution indicator. The possibility of location outside the shore of the lake, the outflow from the filtration can be used for a stream or a waterfall.

- volume 12 l
- integrated UV lamp with an input of 11 W
- variable attachments for inlet and outlet hoses

| RECOMMENDED PUMP | POND WITHOUT FISH | POND WITH FISH | CODE |
|------------------|-------------------|--------------------|---------|
| 3 500 l/h | 3 m ³ | 1,5 m ³ | 200 660 |
| 4 500 l/h | 6 m ³ | 3 m ³ | |
| 6 500 l/h | 10 m ³ | 5 m ³ | |

AVA CPF 500

For ponds up to m³.



Closed pressure filter designed for ornamental garden ponds up to a maximum volume of 30 m³. In the lower part of the filtration there is a box with filter balls that capture coarse dirt. Filter sponges are placed in the upper part of the chamber. The filtration is equipped with a pollution indicator. The possibility of location outside the shore of the lake, the outflow from the filtration can be used for a stream or a waterfall.

- volume 20 l
- integrated UV lamp with an input of 18 W
- variable attachments for inlet and outlet hoses

| RECOMMENDED PUMP | POND WITHOUT FISH | POND WITH FISH | CODE |
|------------------|-------------------|-------------------|---------|
| 6 000 l/h | 12 m ³ | 6 m ³ | 200 970 |
| 8 000 l/h | 16 m ³ | 8 m ³ | |
| 10 000 l/h | 30 m ³ | 10 m ³ | |

PRESSURELESS POND FILTRATION

OMEGA-CUV 224

For ponds up to 15 m³.

Pressureless filter intended for swimming and ornamental ponds up to a maximum volume of 15 m³, for placement on the shore of the pond with free gravity flow of water from the filtration back into the water system. The filtration is equipped with a coconut mat to settle heavier impurities and filter sponges that capture fine particles and microorganisms and reduce the amount of nitrates in the water. The CUV lamp eliminates the growth of bacteria, microbes, mold and algae.

- CUV lamp with a swirling self-cleaning effect
- 24 W fluorescent lamp
- pliers for washing filter inserts are included in the delivery

| RECOMMENDED PUMP | POND WITHOUT FISH | POND WITH FISH | CODE |
|------------------|-------------------|--------------------|---------|
| 4 500 l/h | 10 m ³ | 5 m ³ | 200 969 |
| 6 500 l/h | 15 m ³ | 7,5 m ³ | |

OMEGA 2-CUV 236

For ponds up to 60 m³.

Pressureless filter designed for swimming and ornamental garden ponds up to a maximum volume of 60 m³, for placement on the shore of the pond with free gravity flow of water from the filtration back into the water system. The filtration is equipped with a coconut mat to settle heavier impurities and filter sponges that capture fine particles and microorganisms and reduce the amount of nitrates in the water. The CUV lamp eliminates the growth of bacteria, microbes, mold and algae.

- CUV lamp with a swirling self-cleaning effect
- 36 W fluorescent lamp
- pliers for washing filter inserts are included in the delivery

OPTIMAL SOLUTION

| RECOMMENDED PUMP | POND WITHOUT FISH | POND WITH FISH | CODE |
|------------------|-------------------|-------------------|---------|
| 6 500 l/h | 20 m ³ | 10 m ³ | 200 695 |
| 8 000 l/h | 30 m ³ | 15 m ³ | |
| 10 000 l/h | 50 m ³ | 25 m ³ | |
| 12 000 l/h | 60 m ³ | 30 m ³ | |

OMEGA4-CUV 236-2X

For ponds up to 120 m³.

Pressureless filter with four chambers and two CUV lamps with a swirling self-cleaning effect and fluorescent lamps with a power consumption of 2x36 W. Designed for swimming and ornamental garden ponds up to a maximum volume of 120 m³, for placement on the shore of the pond with a free gravity flow of water from the filtration back into the water system. The filtration is equipped with a coconut mat to settle heavier impurities and filter sponges that capture fine particles and microorganisms and reduce the amount of nitrates in the water. The CUV lamp eliminates the growth of bacteria, microbes, mold and algae. The delivery includes a common inlet and outlet plastic pipe.

- pliers for washing filter inserts are included in the delivery

HIGH EFFICIENCY

| RECOMMENDED PUMP | POND WITHOUT FISH | POND WITH FISH | CODE |
|------------------|--------------------|-------------------|---------|
| 10 000 l/h | 70 m ³ | 35 m ³ | 200 744 |
| 15 000 l/h | 90 m ³ | 45 m ³ | |
| 25 000 l/h | 120 m ³ | 60 m ³ | |

SKIMMERS

BILLY SKIMMER



A fixed skimmer with a floating collection basket, copying the level of the pond. Easy installation using a telescopic tube on ready-made ponds up to an area of 40 m². Height range of possible settings 42-85 cm. It minimally disturbs the appearance of the pond. Thanks to the CARETA pump with dual suction, the surface of your pond will always be like a mirror. Cleaning is done only by emptying the collection basket and occasionally washing the fine sieve.

- easy maintenance and installation
- variable setting according to water level
- when used with the CARETA pump, the possibility of regulating the suction power

| TYPE | MAX FLOW | CODE |
|---------------|-----------|---------|
| BILLY SKIMMER | 4 500 l/h | 200 792 |

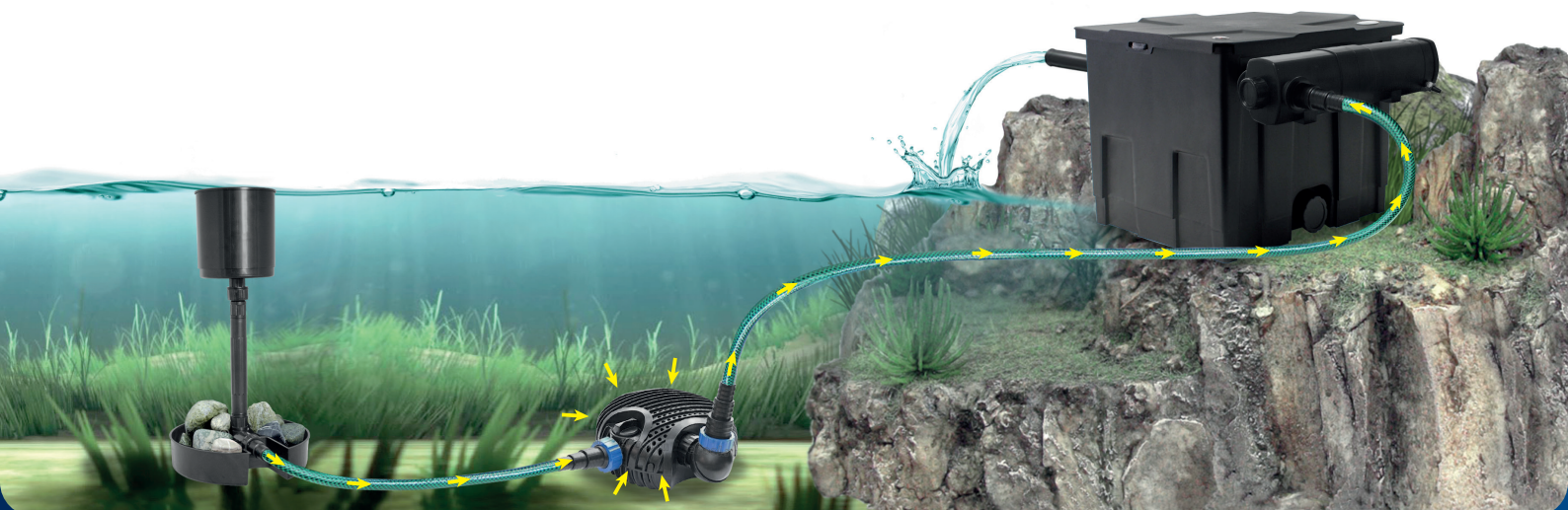
LOTUS SKIMMER



The LOTUS floating skimmer is suitable for ornamental garden ponds. Removes the surface of leaves, dust and other impurities from the surrounding environment. The pump sucks water from the surface over the edges of the skimmer catch basket, where all floating impurities end up and returns the oxygenated water back to the pond. The skimmer automatically adjusts to the height of the water level and its cleanliness can be checked visually. Cleaning is done only by emptying the collection basket and occasionally washing the fine sieve.

- minimum pond depth 45 cm
- recommended surface area of the lake is a maximum of 25 m²
- 10 m connection cable

| TYPE | POWER | MAX FLOW | CODE |
|---------------|-------|-----------|---------|
| LOTUS SKIMMER | 45 W | 2 000 l/h | 200 751 |



UV LAMPS

UV POND



CUV 111



CUV 224-236



CUV 272

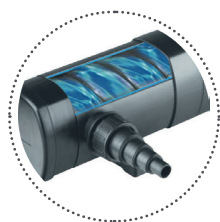


CUV 172

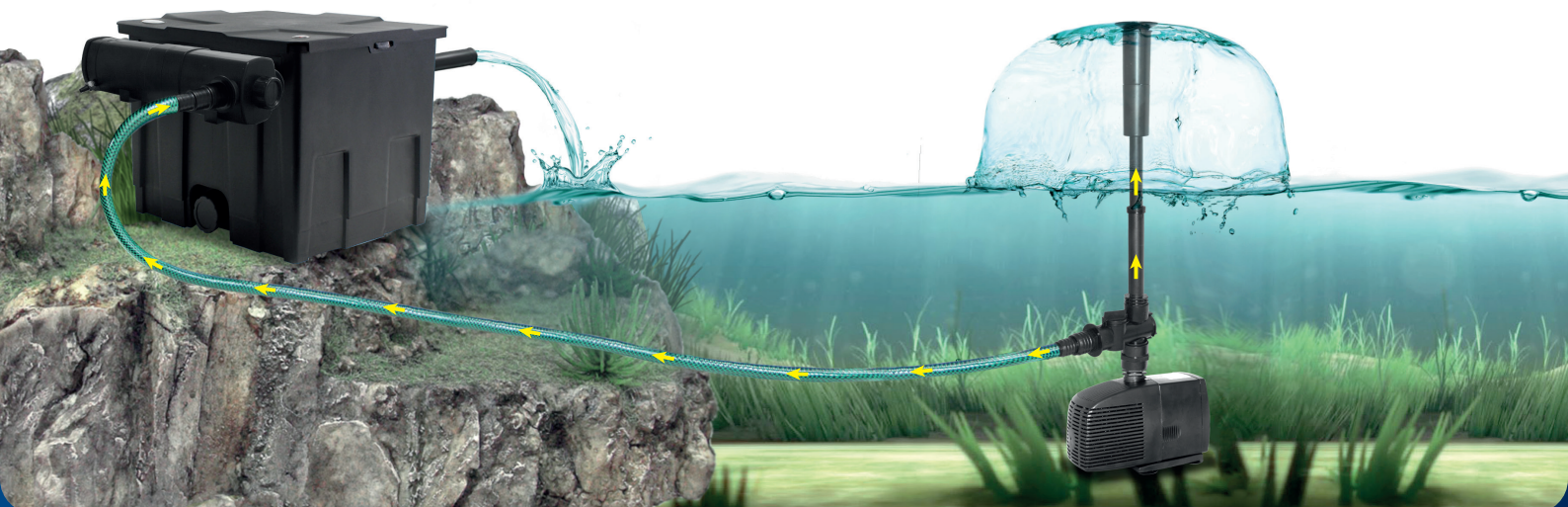
UV lamp=s are used to reduce the growth of algae and microorganisms without the use of chemicals, suitable for ornamental garden ponds and water tanks. In CUV 224, 236 and 272 lamps, thanks to a special design, a swirling effect is created, which keeps the fluorescent lamp clean, which significantly increases the efficiency of the lamp and extends its life. Fountain and filter pumps are used as the water source for UV lamps. By combining a UV pond, a MANDY, CARETA or BOSS pump and an OMEGA pond filter, you will assemble a filter set that will ensure crystal clear water in your pond.

- connection 3/4" - 6/4"

| TYPE | POWER | LAMP | MAX FLOW | LENGHT | DESIGN | CODE |
|----------|-------|----------|-----------|--------|---------------|---------|
| CUV 111 | 11 W | 1 x 11 W | 1 700 l/h | 280 mm | classic | 200 533 |
| CUV 224* | 24 W | 1 x 24 W | 4 500 l/h | 400 mm | self-cleaning | 200 785 |
| CUV 236* | 36 W | 1 x 36 W | 6 000 l/h | 490 mm | | 200 680 |
| CUV 272* | 72 W | 2 x 36 W | | 980 mm | | 200 659 |
| CUV 172 | 72 W | | | | classic | 200 764 |



MODEL WITH * UV SELF-CLEANING WHIRLPOOL EFFECT



FILTER SETS

EXAMPLE FILTER SET

According to the size of the pond.

Enjoy peace and quiet in your own water paradise. Relaxing by the garden pond will refresh your spirit and mind.

After sunset, you can enhance the unusual atmosphere in your garden with the play of lights. You will enjoy the harmony of colorful glowing water. Reflectors on the banks of the lake will enhance the romantic mood (see next page).



IRIS CPF 180

AVA CPF 250

AVA CPF 500



CARETA



BOSS



OMEGA-CUV 224



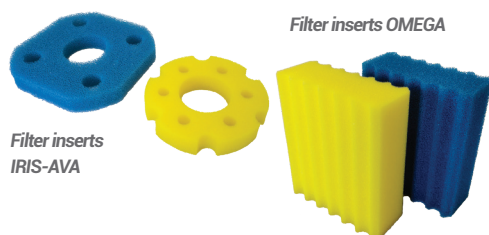
OMEGA 2-CUV 236



OMEGA 4-CUV 236-2x

| FILTER SET FILTER-CUV LAMP-PUMP | POND | | PUMP TYPE | POWER | CUV LAMP | |
|------------------------------------|-----------------|--------------|--------------|-------|----------|--------|
| | WITHOUT FISH | WITH FISH | | | TYPE | POWER |
| IRIS CPF 180-CARETA 3500 | 2 m³ | 1 m³ | CARETA 3500 | 25 W | built-in | 11 W |
| IRIS CPF 180-CARETA 5000 | 4 m³ | 2 m³ | CARETA 5000 | 40 W | | |
| AVA CPF 250-CARETA 5000 | 6 m³ | 3 m³ | CARETA 5000 | 50 W | | |
| AVA CPF 250-CARETA 6000 | 10 m³ | 5 m³ | CARETA 6000 | 50 W | | 18 W |
| AVA CPF 500-BOSS 6000 | 12 m³ | 6 m³ | BOSS 6000 | 95 W | | |
| AVA CPF 500-CARETA 8000 | 16 m³ | 8 m³ | CARETA 8000 | 70 W | | |
| AVA CPF 500-BOSS 10000 | 30 m³ | 15 m³ | BOSS 10000 | 135 W | CUV 224 | 24 W |
| OMEGA-CUV 224 - CARETA 5000 | 12 m³ | 6 m³ | CARETA 5000 | 40 W | | |
| OMEGA-CUV 224 - CARETA 6000 | 15 m³ | 7,5 m³ | CARETA 6000 | 50 W | CUV 236 | 36 W |
| OMEGA-CUV 236 - CARETA 6000 | 18 m³ | 9 m³ | CARETA 6000 | 50 W | | |
| OMEGA2-CUV 236 - CARETA 6000 | 20 m³ | 10 m³ | CARETA 6000 | 50 W | | |
| OMEGA2-CUV 236 - CARETA 8000 | 30 m³ | 15 m³ | CARETA 8000 | 70 W | | |
| OMEGA2-CUV 236 - CARETA 10000 | 50 m³ | 25 m³ | CARETA 10000 | 85 W | | |
| OMEGA2-CUV 236 - BOSS 10000 | 50 m³ | 25 m³ | BOSS 10000 | 135 W | | |
| OMEGA2-CUV 236 - BOSS 12000 | 60 m³ | 30 m³ | BOSS 12000 | 175 W | | 2x36 W |
| OMEGA4-CUV 236 2x - CARETA 10000 | 70 m³ | 35 m³ | CARETA 10000 | 85 W | | |
| OMEGA4-CUV 236 2x - BOSS 10000 | 70 m³ | 35 m³ | BOSS 10000 | 135 W | | |
| OMEGA4-CUV 236 2x - BOSS 12000 | 80 m³ | 40 m³ | BOSS 12000 | 175 W | | |
| OMEGA4-CUV 236 2x - BOSS 15000 | 90 m³ | 45 m³ | BOSS 15000 | 320 W | | |
| OMEGA4-CUV 236 2x - BOSS 25000 | 120 m³ | 60 m³ | BOSS 25000 | 520 W | | |

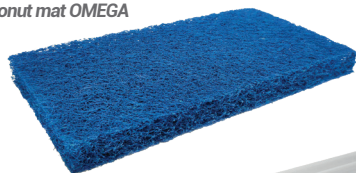
SPARE PARTS



Filter inserts
IRIS-AVA

Filter inserts OMEGA

Coconut mat OMEGA



Fluorescent
lights



Tubes



FILTER INSERTS

| TYP | KÓD |
|--|---------|
| Filter insert IRIS 180 -AVA 250 yellow | 201 307 |
| Filter insert IRIS 180 -AVA 250 blue | 201 306 |
| Filter insert AVA 500 yellow | 201 404 |
| Filter insert AVA 500 blue | 201 405 |
| Filter insert OMEGA yellow | 200 761 |
| Filter insert OMEGA blue | 200 760 |
| Coconut mat OMEGA | 201 303 |

FLUORESCENT LIGHTS

| TYPE | POWER |
|----------|-------|
| Light 7 | 7 W |
| Light 9 | 9 W |
| Light 11 | 11 W |
| Light 18 | 18 W |
| Light 24 | 24 W |
| Light 36 | 36 W |

TUBES

| TYPE |
|---------|
| Tube 7 |
| Tube 9 |
| Tube 11 |
| Tube 18 |
| Tube 24 |
| Tube 36 |

WATER WORLD AND POND LIGHTING

PL



Water light with LEDs and automatic dimming sensor. The model is equipped with different colored lenses. The light can be used on land and underwater.

- 10 m supply flex cable
- 12 V transformer

| TYPE | POWER | COLORED GLASSES | DIMENSION OF LIGHT | CODE |
|------------|-----------|-----------------|--------------------|---------|
| PL 1 LED | 1,6 W | 5 | 57x78 mm | 200 741 |
| PL 1-3 LED | 3x s1,6 W | 3x 5 | 57x78 mm | 200 742 |

JPL 4



The light is constructed on a solid base and has an adjustable illumination angle and an automatic dimming sensor. The light can be used on land and underwater.

- 10 m supply flex cable
- 12 V transformer

| TYPE | POWER | COLORED GLASSES | DIMENSION OF LIGHT | CODE |
|-------|-------|-----------------|--------------------|---------|
| JPL 4 | 35 W | white | 92x102 mm | 200 756 |



SURFACE TANKS

The tanks are suitable as reservoirs of clean or utility water under atmospheric pressure, made of non-toxic linear high-density polyethylene. The tanks are light, compact and easy to handle. They withstand high temperatures of up to 60 °C and are resistant to UV radiation, algae formation, temperature fluctuations, impacts and the effects of chemicals. All types of tanks can be easily cleaned with common cleaning agents. When installing horizontal tanks, it is necessary to put the tanks in a horizontal position.

VERTICAL CYLINDRICAL TANKS



HIGH RESISTANCE AGAINST UV RADIATION AND ALGAE

| TYPE (VOLUME) | HEIGHT | DIAMETER | ENTRANCE | CONNECTION DN | CONNECTION DNA | CODE |
|---------------|----------|----------|----------|---------------|----------------|---------|
| V 100 | 600 mm | 500 mm | 310 mm | 1" | 1" | 200 772 |
| V 200 | 850 mm | 580 mm | | | | 200 768 |
| V 350 | 1 100 mm | 670 mm | | | | 200 790 |
| V 500 | 1 370 mm | 730 mm | | | | 200 811 |
| V 1000/A | 2 030 mm | 800 mm | | | | 200 771 |
| V 1000/B | 1 600 mm | 920 mm | | | | 200 812 |
| V 1500 | 1 740 mm | 1 100 mm | 405 mm | 1" | 6/4" | 200 813 |
| V 2100 | 1 900 mm | 1 250 mm | | | | 200 814 |
| V 3300 | 2 200 mm | 1 450 mm | | | | 200 815 |
| V 5300 | 1 760 mm | 2 050 mm | | | | 200 816 |

HORIZONTAL CYLINDRICAL TANKS



HIGH RESISTANCE AGAINST UV RADIATION AND ALGAE

| TYPE (VOLUME) | HEIGHT | WIDTH | LENGTH | ENTRANCE | CONNECTION DN | CODE |
|---------------|----------|----------|----------|----------|---------------|---------|
| H 300 | 705 mm | 665 mm | 900 mm | 310 mm | 1" | 200 791 |
| H 500 | 820 mm | 780 mm | 1 080 mm | | | 200 786 |
| H 1000 | 1 000 mm | 960 mm | 1 420 mm | | | 200 817 |
| H 1500 | 1 190 mm | 1 150 mm | 1 490 mm | 405 mm | 1 - 6/4" | 200 818 |
| H 2100 | 1 240 mm | 1 200 mm | 1 790 mm | | | 200 819 |
| H 3000 | 1 500 mm | 1 450 mm | 1 870 mm | | | 200 820 |
| H 5000 | 1 770 mm | 1 720 mm | 2 230 mm | | | 200 821 |

TRANSPORT TANKS



HIGH RESISTANCE AGAINST UV RADIATION AND ALGAE

| TYPE (VOLUME) | HEIGHT | DIAMETER | ENTRANCE | CODE |
|---------------|----------|----------|----------|---------|
| P 500 | 880 mm | 970 mm | 310 mm | 201 092 |
| P 1000 | 1 120 mm | 1 180 mm | | 201 093 |
| P 1500 | 1 400 mm | 1 240 mm | 405 mm | 201 094 |
| P 2100 | 1 370 mm | 1 530 mm | | 201 095 |
| P 3200 | 1 570 mm | 1 740 mm | | 201 096 |
| P 5200 | 1 810 mm | 2 050 mm | | 201 097 |

BASEMENT TANK



HIGH RESISTANCE AGAINST UV RADIATION AND ALGAE

| TYPE (VOLUME) | HEIGHT | LENGTH | ENTRANCE | CODE |
|---------------|--------|----------|----------|---------|
| S 500 | 725 mm | 1 270 mm | 310 mm | 201 098 |

CUBIC TANKS



HIGH RESISTANCE AGAINST UV RADIATION AND ALGAE

| TYPE (VOLUME) | HEIGHT | WIDTH | LENGTH | ENTRANCE | CODE |
|---------------|--------|--------|----------|----------|---------|
| K 100 | 530 mm | 500 mm | 500 mm | 210 mm | 201 099 |
| K 200 | 570 mm | 590 mm | 690 mm | | 201 100 |
| K 300 | 660 mm | 630 mm | 800 mm | 310 mm | 201 101 |
| K 500 | 690 mm | 780 mm | 1 040 mm | | 201 102 |

SHELF TANKS



HIGH RESISTANCE AGAINST UV RADIATION AND ALGAE

| TYPE (VOLUME) | HEIGHT | WIDTH | LENGTH | ENTRANCE | CODE |
|---------------|----------|--------|----------|----------|---------|
| N 500 | 1 150 mm | 520 mm | 1 140 mm | 310 mm | 201 103 |
| N 750 | 1 290 mm | 595 mm | 1 290 mm | | 201 104 |
| N 1000 | 1 415 mm | 655 mm | 1 410 mm | | 201 105 |
| N 2000 | 1 740 mm | 670 mm | 2 210 mm | 405 mm | 201 106 |
| N 3000 | 1 800 mm | 790 mm | 2 570 mm | | 201 107 |

EXPANSION TANK



Open expansion tanks are suitable as safety devices for heating systems where a closed circuit could not be installed (stoves, pellet boilers).

The expansion tank includes a lid with a pipe safety valve, an overflow and installation accessories for the water supply. The function of the expansion tank is to hold a larger volume of water, which leads to an increase in temperature.

HIGH RESISTANCE AGAINST UV RADIATION AND ALGAE

| TYPE (VOLUME) | HEIGHT | WIDTH | LENGTH | ENTRANCE | CODE |
|---------------|--------|--------|--------|----------|---------|
| 30 | 319 mm | 280 mm | 491 mm | 210 mm | 200 929 |

UNDERGROUND TANKS

Underground horizontal polyethylene tanks have the same technical parameters as the previous tanks, but they are not intended for surface installation. Their biggest advantage is their installation without the need for concreting (we install directly in the excavation). They are intended for clean or utility water, or as waste sinks. We install a maximum of 80 cm below the earth's surface, the excavation for the tank must be 20 cm larger than the tank itself, and we place the tank in a horizontal position within a 10 cm layer of compacted sand. If we are installing in conditions where there is groundwater or there is a risk of tree roots growing through, we recommend installing on a concrete foundation and enclosing the perimeter walls. The tank is supplied with a top cover. Inspection hole extensions have a standard height of 30 cm. A proof of impermeability is part of the delivery.

HZ



HZ 1500



HZ 3000 - 5000

OUR TIP

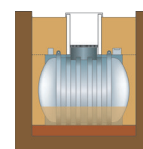
It is possible to purchase extensions to extend the neck of the HZ tank.

SAVE YOUR WALLET

Retaining rainwater in an underground reservoir, e.g. for irrigation, saves water consumption costs.

NO CONCRETING NECESSARY

We use yellow mined sand to backfill the tank.



HIGH RESISTANCE AGAINST UV RADIATION AND ALGAE

| TYPE (VOLUME) | DIAMETER | HEIGHT | LENGTH | CHECK HOLE | CODE |
|------------------|----------|----------|----------|------------|---------|
| HZ 1500 | 1 200 mm | 1 445 mm | 1 570 mm | 470 mm | 200 789 |
| HZ 3000 | 1 500 mm | 1 744 mm | 1 940 mm | | 200 770 |
| HZ 5000 | 1 843 mm | 2 087 mm | 2 110 mm | | 200 822 |
| Extension 300 mm | | | | | 200 422 |

VZ



VZ



VZ D

The tanks are made of non-toxic linear high density polyethylene. They are light, easy to handle, resistant to chemicals and temperature differences. The lid of the tank follows the surrounding terrain, which allows installation at the level of hard or clay terrain (e.g. pavement, grassy areas).

Variant D is equipped with holes that allow water to soak into the soil.

| TTYPE (VOLUME) | HEIGHT | DIAMETER | CHECK HOLE A | CHECK HOLE B | CODE |
|-------------------|----------|----------|--------------|--------------|---------|
| VZ 750 | 1 160 mm | 1 100 mm | 410 mm | 210 mm | 200 882 |
| VZ 750 D | | | | | 201 261 |
| VZ 1120 | 1 610 mm | | | | 200 883 |
| VZ 1120 D | | | | | 201 262 |
| VZ 1680 | 1 570 mm | 1 400 mm | | | 200 884 |
| VZ 2240 | 2 015 mm | | | | 200 885 |
| Extension 500 mm | | | | | 201 532 |

SEPARATION TANK



OM 200 - 350

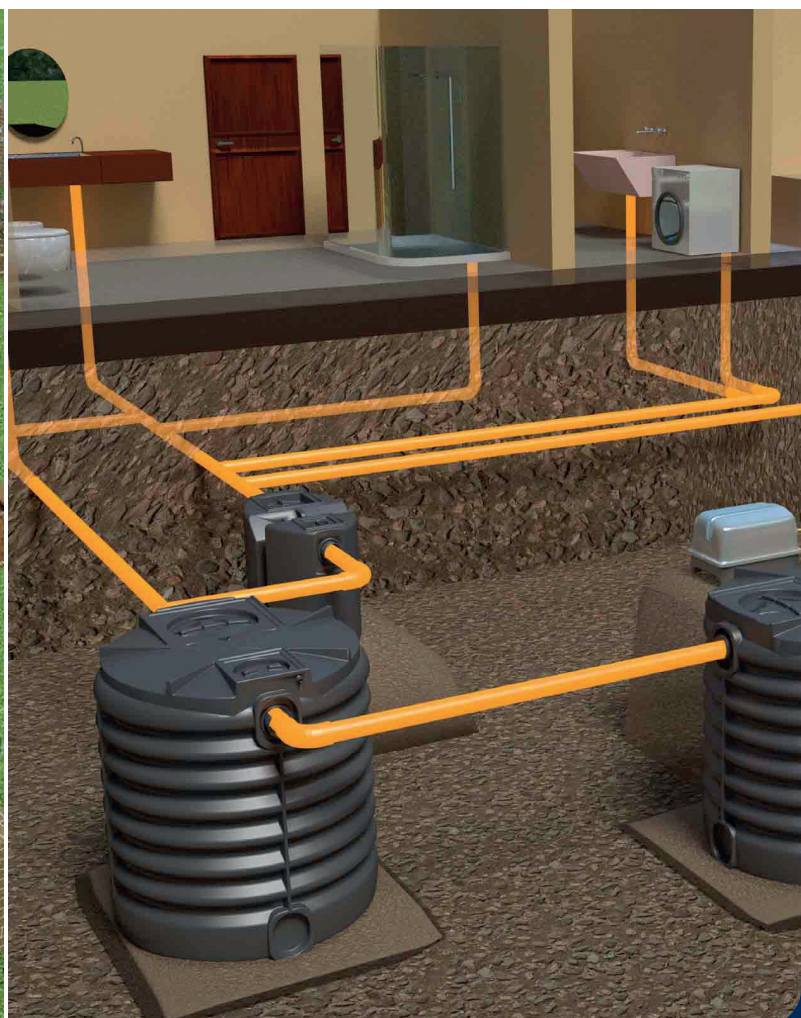
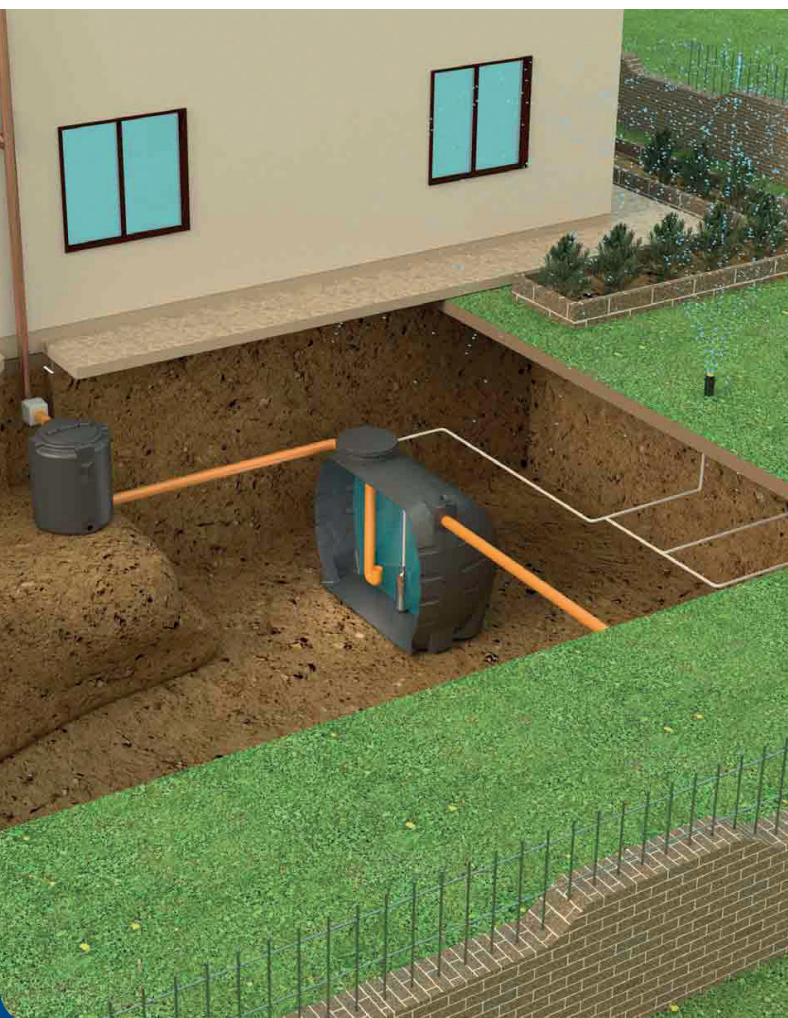
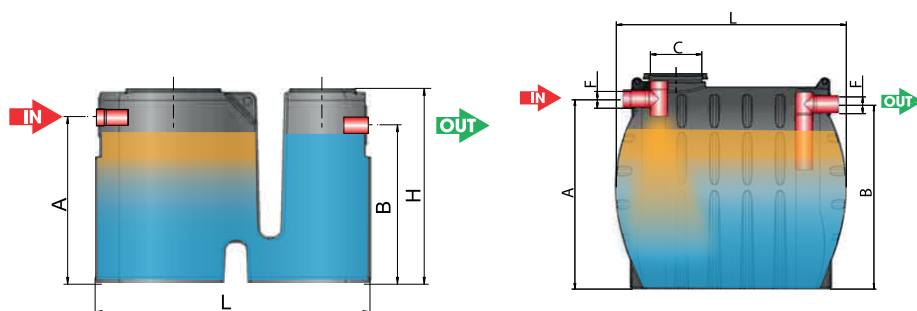


OM 3000 - 5000

Separation polyethylene tanks are used to purify „grey“ water. The tank works on the principle of separation, where waste water with a lower density (fats, oils, foams, etc.) remains in the front chamber of the tank. Thanks to sedimentation, coarser impurities can be captured.

A MIXTURE OF BACTERIA AND ENZYMES DESIGNED TO BREAK DOWN FATS

| TYPE (VOLUME) | HEIGHT | WIDTH | LENGTH | CHECK HOLE A | CHECK HOLE B | CODE |
|---------------|----------|----------|----------|--------------|--------------|---------|
| OM 200 | 713 mm | 600 mm | 1 000 mm | 210 mm | 110 mm | 201 110 |
| OM 350 | 788 mm | 725 mm | 1 200 mm | 310 mm | 125 mm | 201 111 |
| OM 3000 | 1 744 mm | 1 500 mm | 1 940 mm | - | 470 mm | 201 112 |
| OM 5000 | 2 087 mm | 1 843 mm | 2 110 mm | - | | 201 113 |



FILTERS

FILTER AQUAMAG



Magnetic filter with integrated shut-off inlet valve and outlet non-return valve, equipped with a magnet and a stainless steel filter insert for capturing magnetic impurities. Designed for installation in the heating system pipes.

- high magnetic dirt capture effect (11,000 Gauss magnet)
- minimal dimensions, easy installation

| TYPE | CONNECTION | W. PRESSURE | TEMP. | MAX FLOW | CODE |
|----------------|------------|-------------|----------|----------|---------|
| FILTER AQUAMAG | 3/4" | 7 bar | to 90 °C | 30 l/min | 201 533 |

FILTER MINI



Compact filter made of plastic materials with filling based on polyphosphate salts. Designed to protect household appliances (washing machine, dishwasher, etc.) from limescale and softens water.

- easy installation for water supply to devices, appliances
- intended only for household appliances, not for water consumption
- the filter is supplied including a polyphosphate filling
- refillable - replacement CP polyphosphate (p. 53)

| TYPE | CONNECTION | W. PRESSURE | TEMP. | MAX FLOW | CODE |
|-------------|------------|-------------|----------|----------|---------|
| FILTER MINI | 3/4" | 6 bar | to 50 °C | 10 l/min | 201 265 |

FILTER AQUACAL



Filter with proportional dosing of polyphosphate solution into technical water circuits (admission of heating systems, for washing machines, dishwashers, etc.), polyphosphate solution is created by manual mixing of water and polyphosphate powder in the lower sump.

Part of the filter is a polyphosphate media for repeated refilling.

PROPORTIONAL DOSING

| TYPE | CONNECTION | W. PRESSURE | TEMP. | MAX FLOW | CODE |
|---|------------|-------------|----------|----------|---------|
| FILTER AQUACAL | 1/2" | 6 bar | to 25 °C | 33 l/min | 201 338 |
| FILTER AQUACAL | 3/4" | | | 58 l/min | 201 339 |
| FILTER AQUACAL | 1" | | | | 201 340 |
| Replacement refill media AQUACAL - 500g | | | | | 201 341 |

FILTER 5", 10"



Filters for mechanical impurities are designed for pumps, domestic booster sets and all pipe systems. They are made of inert plastic and can be used for different types of filter inserts. The blue filter head is made of PP, connection with brass inserts, brass vent valve and transparent plastic (SAN) sump.

DUPLEX and TRIPLEX filters are designed for multi-stage treatment of liquids, where higher filtration efficiency is achieved by a suitable combination of filter cartridges.

- max. liquid temperature +50 °C
- max. working pressure 10 bar
- preparation for wall bracket (console see page 54)

| TYPE | CONNECTION | MAX FLOW | CODE |
|--------------------|------------|-----------|---------|
| FILTER 5" | 1" | 106 l/min | 201 114 |
| FILTER 10" | | | 201 115 |
| FILTER 20" | | | 201 534 |
| FILTER DUPLEX 10" | | | 201 200 |
| FILTER TRIPLEX 10" | | | 201 201 |

FILTER AQUA BIG



Large-capacity filters for pumps, booster sets and water supply systems up to a flow 194 l/min. The filters are completely made of PP, with a vent valve.

- liquid temperature +5 °C to +50 °C
- max. working pressure 8 bar
- preparation for wall mount

| TYPE | CONNECTION | MAX FLOW | CODE |
|---------------------|------------|-----------|---------|
| FILTER AQUA BIG 10" | 6/4" | 194 l/min | 201 202 |
| FILTER AQUA BIG 20" | | | 201 203 |
| FILTER AQUA BIG 30" | | | 201 204 |

FILTER AQUA BIG AP-IND

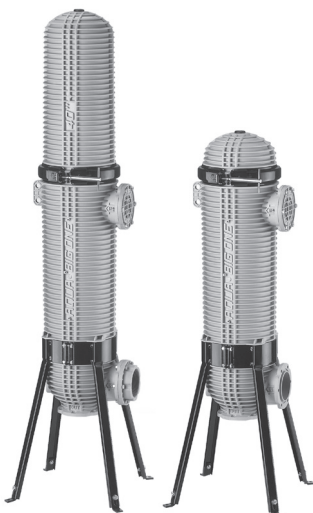


EV model with 24 VDC solenoid valve

Filter with polypropylene head and container, brass drain valve, including washable nylon cartridge, maximum temperature 40 °C (versions 20* and 20EV up to 80 °C). The EV model is equipped with a 24VDC solenoid valve that allows automatic draining and cleaning.

| TYPE | CONNECTION | MAX FLOW | CODE |
|---------------------------|------------|-----------|---------|
| FILTER AP-IND 9* (5/4") | 5/4" | 200 l/min | 201 342 |
| FILTER AP-IND 9EV (5/4") | | | 201 343 |
| FILTER AP-IND 9* (2") | 2" | 233 l/min | 201 344 |
| FILTER AP-IND 9EV (2") | | | 201 345 |
| FILTER AP-IND 20* (5/4") | 5/4" | 283 l/min | 201 346 |
| FILTER AP-IND 20EV (5/4") | | | 201 347 |
| FILTER AP-IND 20* (2") | 2" | 366 l/min | 201 348 |
| FILTER AP-IND 20EV (2") | | | 201 349 |

FILTER AQUA BIG ONE



Unique polypropylene filter for large water flows, ideal for industrial applications, maximum pressure 6 bar, maximum temperature 40 °C, maximum flow 1000 l/min.

| TYPE | CONNECTION | MAX FLOW | CODE |
|--------------------|------------|-------------|---------|
| FILTER BIG ONE 23" | 3" | 1 000 l/min | 201 350 |
| FILTER BIG ONE 40" | | | 201 351 |

FILTERS

FILTER AP-PRO



FILTER AP-PRO

FILTER AP-PRO PLUS

Filter with Delrin body, transparent SAN sump, plastic drain valve, including washable nylon insert, maximum pressure 10 bar, maximum temperature 40 °C. Top cap for high-speed flushing.

- pressure reverse flushing
- possibility to rotate the connection according to the pipe route

OPTION OF ROTATION

| TYPE | CONNECTION | MAX FLOW | CODE |
|--------------------|------------|-----------|---------|
| FILTER AP-PRO | 1/2" | 76 l/min | 201 352 |
| FILTER AP-PRO | 3/4" | 85 l/min | 201 353 |
| FILTER AP-PRO | 1" | 98 l/min | 201 354 |
| FILTER AP-PRO PLUS | 5/4" | 123 l/min | 201 355 |
| FILTER AP-PRO PLUS | 6/4" | 148 l/min | 201 356 |

FILTER EASY



FILTER EASY

FILTER EASY HT

FILTER EASY HT SS

EASY filter - flushing filter for pumps, booster sets and water supply systems, maximum pressure 8 bar, maximum temperature 40 °C, including nylon cartridge 80 µm.

EASY HT filter - filter with brass head and trogamide sump, maximum pressure 12 bar, maximum temperature 80 °C, including washable cartridge AISI 304.

Filter EASY HT SS - filter with brass head and AISI 304 stainless steel sump, maximum pressure 16 bar, maximum temperature 90 °C, including washable AISI 304 cartridge.

INCLUDING FLUSHING VALVE

| TYPE | CONNECTION | MAX PRESSURE | MAX FLOW | CODE |
|-----------------------|------------|--------------|-----------|---------|
| FILTER EASY 10" | 3/4" | 8 bar | 78 l/min | 201 357 |
| FILTER EASY 10" | 1" | | 98 l/min | 200 936 |
| FILTER EASY 10" | 5/4" | | 101 l/min | 201 005 |
| FILTER EASY 10" | 6/4" | | 105 l/min | 201 266 |
| FILTER EASY HT 10" | 1" | 12 bar | 100 l/min | 201 358 |
| FILTER EASY HT 10" | 5/4" | | 105 l/min | 201 359 |
| FILTER EASY HT 10" | 6/4" | | 108 l/min | 201 360 |
| FILTER EASY HT 10" | 2" | | 115 l/min | 201 361 |
| FILTER EASY HT SS 10" | 1" | 16 bar | 100 l/min | 201 362 |
| FILTER EASY HT SS 10" | 5/4" | | 105 l/min | 201 363 |
| FILTER EASY HT SS 10" | 6/4" | | 108 l/min | 201 364 |
| FILTER EASY HT SS 10" | 2" | | 115 l/min | 201 365 |

FILTER AP-STD



FILTER AP-STD

FILTER AP-STD HT

Filter with brass head, SAN sump, including Arnite cartridge with washable polyester filter net, maximum pressure 16 bar, maximum temperature 40 °C. The AP-STD filter head features male threaded connections with swivel fittings for easy installation. The HT a version is equipped with a Trogamid sump and an Arnite cartridge with a stainless steel net, suitable for high-temperature water filtration up to 80 °C.

| TYPE | CONNECTION | MAX PRESSURE | MAX FLOW | CODE |
|------------------|------------|--------------|----------|---------|
| FILTER AP-STD | 1/2" | 16 bar | 51 l/min | 201 366 |
| FILTER AP-STD | 3/4" | | 60 l/min | 201 367 |
| FILTER AP-STD | 1" | | 71 l/min | 201 368 |
| FILTER AP-STD HT | 1/2" | | 50 l/min | 201 369 |
| FILTER AP-STD HT | 3/4" | | 58 l/min | 201 370 |
| FILTER AP-STD HT | 1" | | 70 l/min | 201 371 |

FILTER SELECT

NEW
2023



Faucet filter including a filter cartridge with activated carbon to absorb odors and reduce the amount of chlorine in the water. PP-GAC filter with 0.5 µm permeability cartridge.

- ideal for cooking and drinking water
- minimal dimensions, easy installation

AVERAGE CARTRIDGE LIFE 8,000 L

| TYPE | W. PRESSURE | TEMPERATURE | REC. FLOW | CODE |
|---------------------|-------------|-------------|-----------|---------|
| FILTR SELECT CARBON | 5 bar | do 50 °C | 1.5 l/min | 201 581 |
| FILTR SELECT PP-GAC | | | | 201 582 |

Replacement cartridges on page 52.

WATER SOFTENER

TOP
PRODUCT



The EQUO SOFT water softener serves to reduce water hardness. It is equipped with a fully automatic intelligent control unit ensuring operation, regeneration and displaying operational information. The container with the regeneration resin is made of high-quality polypropylene. Simple installation and operation of the device. The softening process takes place on the principle of ion exchange, when water flows through a layer of strongly acidic cathexis (resin), which binds calcium (Ca) and magnesium (Mg) ions to each other. These are replaced by sodium (Na). **The unit works in time regeneration (standard 14 days) and volume regeneration based on data from the integrated flow meter when the set water consumption is reached for the start of regeneration.**

- working pressure 2 - 8 bar, operating temperature 5 - 42 °C

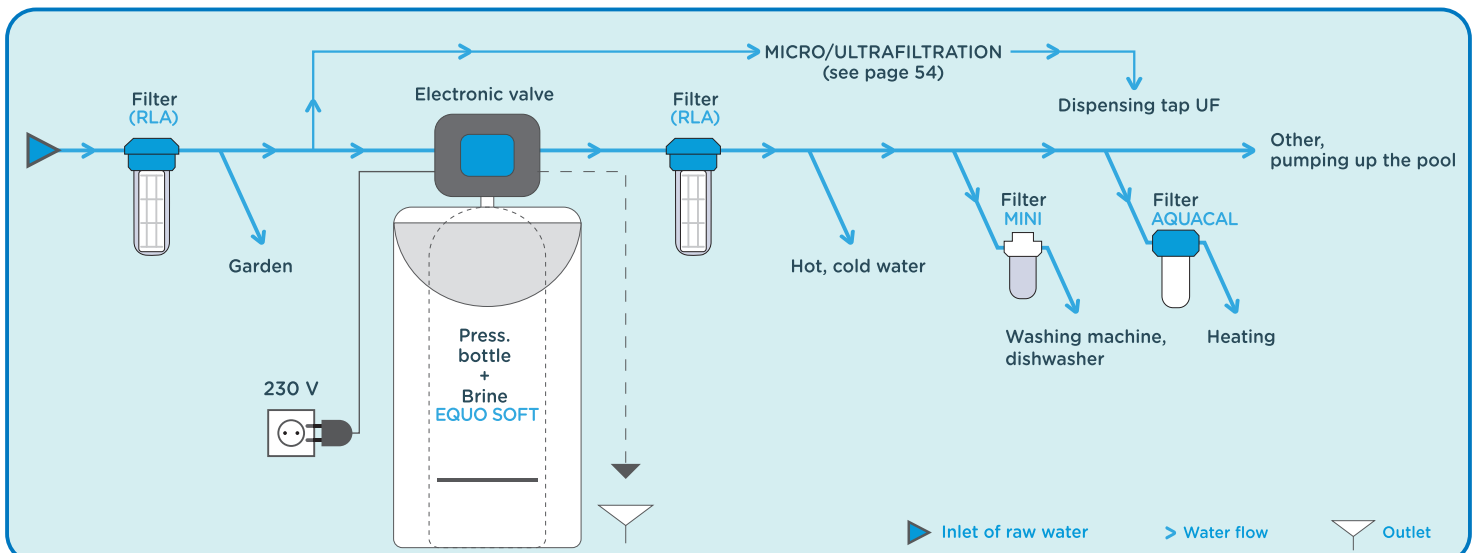
For the correct choice of size, setting and operation, it is necessary to know the inlet hardness of the water (on the French scale). We recommend purchasing a water hardness test.

PROTECTS APPLIANCES AND WATER DISTRIBUTIONS

| TYPE | QUANTITY OF RESIN | CYCLIC CAPACITY | RECOMM. FLOW | SALT CONSUMP. FOR REGENERATION | KÓD |
|------------------------|-------------------|-----------------|--------------|--------------------------------|---------|
| EQUO SOFT MINI 10"x17" | 12 l | 66 m³/°F | 33 l/min | 1800 g | 201 267 |
| EQUO SOFT MAXI 7"x35" | 14 l | 77 m³/°F | 41 l/min | 2100 g | 201 268 |
| EQUO SOFT MAXI 8"x35" | 18 l | 99 m³/°F | 50 l/min | 2700 g | 201 269 |
| EQUO SOFT MAXI 10"x35" | 28 l | 154 m³/°F | | 4200 g | 201 270 |
| EQUO SOFT MAXI 10"x44" | 35,4 l | 194 m³/°F | 66 l/min | 5280 g | 201 317 |
| EQUO SOFT MAXI 10"x54" | 44 l | 242 m³/°F | | 6600 g | 201 318 |
| EQUO SOFT MAXI 13"x44" | 54 l | 297 m³/°F | | 8100 g | 201 319 |
| EQUO SOFT MAXI 13"x54" | 75 l | 412 m³/°F | 83 l/min | 11250 g | 201 320 |

| | |
|-----------------------|---------|
| Water hardness tester | 201 271 |
|-----------------------|---------|

OPTIMAL INSTALLATION SCHEME



For more information, the correct choice and operation: www.aquacup.cz/p-equo-soft

FILTER CARTRIDGES

CARTRIDGE FA



FA cartridges are made of 100% wound cotton. Effective filtration of mechanical impurities such as sand, rust, sludge, small impurities. Suitable for pipes on the main water supply or after the pump for filtering drinking water, process water and other applications.

| TYPE | MICRONS | MAX FLOW | CODE |
|---------------------------|---------|-----------|---------|
| Cartridge 5" FA | 20 µm | 1 300 l/h | 201 116 |
| Cartridge 10" FA | 5 µm | 2 500 l/h | 201 372 |
| Cartridge 10" FA | 20 µm | 2 600 l/h | 201 117 |
| Cartridge 20" FA | | 4 700 l/h | 201 535 |
| Cartridge 10" FA AQUA BIG | 20 µm | 2 400 l/h | 201 206 |
| Cartridge 20" FA AQUA BIG | | 4 100 l/h | 201 207 |
| Cartridge 30" FA AQUA BIG | | 4 200 l/h | 201 208 |

CARTRIDGE FA BIG ONE



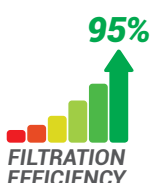
They are made of 100% wound cotton and guarantee the separation of dirt 1 - 50 µm.

| TYPE | MICRONS | MAX FLOW | CODE |
|--------------------------|---------|------------|---------|
| Cartridge 23" FA BIG ONE | 1 µm | 9 000 l/h | 201 396 |
| Cartridge 23" FA BIG ONE | 5 µm | 16 000 l/h | 201 397 |
| Cartridge 23" FA BIG ONE | 20 µm | 22 000 l/h | 201 398 |
| Cartridge 23" FA BIG ONE | 50 µm | 27 000 l/h | 201 399 |
| Cartridge 40" FA BIG ONE | 1 µm | 18 000 l/h | 201 400 |
| Cartridge 40" FA BIG ONE | 5 µm | 32 000 l/h | 201 401 |
| Cartridge 40" FA BIG ONE | 20 µm | 44 000 l/h | 201 402 |
| Cartridge 40" FA BIG ONE | 50 µm | 54 000 l/h | 201 403 |

CARTRIDGE FR-N



NEW
2023



Cartridge made of 100% pure non-toxic polypropylene for effective and thorough filtration. The cartridges can be used as final filtration or as pre-filtration.

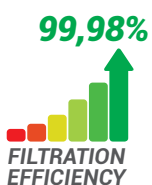
Application: food industry, chemical/petrochemical industry, pharmaceutical/cosmetics, biotechnology.

| TYPE | MICRONS | MAX FLOW | CODE |
|--------------------|---------|-----------|---------|
| Cartridge 10" FR-N | 1 µm | 2 450 l/h | 201 536 |

CARTRIDGE FR-A



NEW
2023

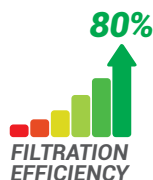


Cartridge made of 100% pure non-toxic polypropylene for deep filtration. The extraordinary filtration capacity is achieved thanks to the large area of the filter material. The cartridges are used for final filtration.

Application: food industry, chemical/petrochemical industry, pharmaceutical/cosmetics, biotechnology.

| TYPE | MICRONS | MAX FLOW | CODE |
|--------------------|---------|----------|---------|
| Cartridge 10" FR-A | 0.5 µm | 500 l/h | 201 537 |

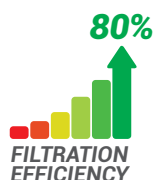
CARTRIDGE RLA



Washable filter cartridges. Body made of 100% pure non-toxic polypropylene with internal polyamide filter mesh. They guarantee the separation of impurities larger than 80 µm.

| TYPE | MICRONS | MAX FLOW | CODE |
|----------------------------|---------|------------|---------|
| Cartridge 5" RLA | 80 µm | 1 750 l/h | 201 120 |
| Cartridge 10" RLA | | 3 500 l/h | 201 121 |
| Cartridge 10" RLA AQUA BIG | 80 µm | 6 000 l/h | 201 209 |
| Cartridge 20" RLA AQUA BIG | | 12 000 l/h | 201 210 |
| Cartridge 30" RLA AQUA BIG | | 18 000 l/h | 201 211 |

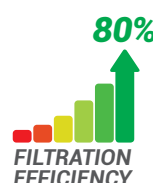
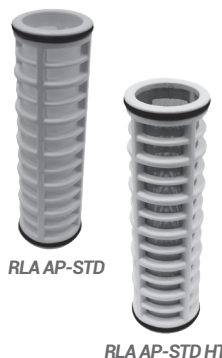
CARTRIDGE RLA BIG ONE



Washable filter cartridges. Body made of 100% pure non-toxic polypropylene with internal nylon filter mesh. They guarantee the separation of impurities larger than 80 or 250 µm.

| TYPE | MICRONS | MAX FLOW | CODE |
|---------------------------|---------|------------|---------|
| Cartridge 23" RLA BIG ONE | 80 µm | 34 000 l/h | 201 373 |
| Cartridge 23" RLA BIG ONE | 250 µm | 37 000 l/h | 201 374 |
| Cartridge 40" RLA BIG ONE | 80 µm | 60 000 l/h | 201 375 |
| Cartridge 40" RLA BIG ONE | 250 µm | 65 000 l/h | 201 376 |

CARTRIDGE RLA AP-STD

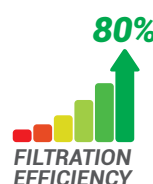


RLA AP-STD - Washable filter cartridges. The body is made of Arnite plastic with a polyamide mesh to separate impurities larger than 89 µm.

RLA AP-STD HT - Washable filter cartridges. The body is made of Arnite plastic with a stainless steel mesh to separate impurities larger than 89 µm.

| TYPE | MICRONS | MAX FLOW | CODE |
|-------------------------|---------|--------------------|---------|
| Cartridge RLA AP-STD | 89 µm | 3 102 to 4 302 l/h | 201 377 |
| Cartridge RLA AP-STD HT | | 3 000 to 4 200 l/h | 201 378 |

CARTRIDGE RLA AP-PRO



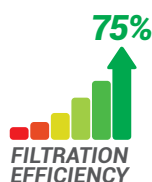
Washable filter cartridges. Both the body and the filter membrane are made of 100% pure non-toxic polypropylene and guarantee the separation of mechanical impurities larger than 89 µm.

| TYPE | MICRONS | MAX FLOW | CODE |
|-------------------------------|---------|--------------------|---------|
| Cartridge RLA AP-PRO 1/2-1" | 89 µm | 4 602 to 5 899 l/h | 201 379 |
| Cartridge RLA AP-PRO 5/4-6/4" | | 7 399 to 8 899 l/h | 201 380 |

FILTER CARTRIDGES

CARTRIDGE AC

stainless steel cartridge

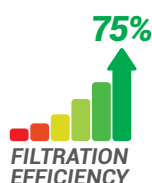


Stainless steel cartridge for filtering mechanical impurities larger than 80 µm.

| TYPE | MICRONS | MAX FLOW | CODE |
|------------------|---------|----------|---------|
| Cartridge 5" AC | 80 µm | 1200 l/h | 201 381 |
| Cartridge 10" AC | | 2500 l/h | 201 382 |

CARTRIDGE RLA-CA

with active carbon

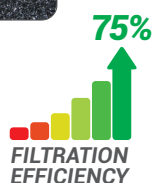


100% pure non-toxic polypropylene cartridge with active carbon for odor and chlorine absorption; 80 µm.

| TYPE | MICRONS | RECOMMEND. FLOW | AVERAGE LIFE | CODE |
|----------------------|---------|-----------------|--------------|---------|
| Cartridge 5" RLA-CA | 80 µm | 72 l/h | 3 000 l * | 201 383 |
| Cartridge 10" RLA-CA | | 144 l/h | 5 000 l * | 201 384 |

CARTRIDGE CA

with active carbon

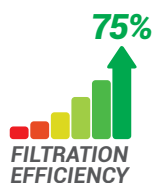


Refillable cartridge made of 100% pure non-toxic polypropylene with active carbon for odor and chlorine absorption; 20 µm.

| TYPE | MICRONS | RECOMMEND. FLOW | AVERAGE LIFE | CODE |
|--|---------|-----------------|--------------|---------|
| Cartridge 5" CA | 20 µm | 108 l/h | 10 000 l * | 201 538 |
| Cartridge 10" CA | | 216 l/h | 20 000 l * | 201 313 |
| Replacement CA activated carbon refill - weight 350g | | | | 201 309 |

CARTRIDGE SELECT

with active carbon



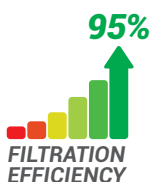
SELECT CARBON - Cartridge made of 100% pure non-toxic polypropylene with active carbon for odor and chlorine absorption.

SELECT PP-GAC - 100% pure non-toxic polypropylene cartridge with active carbon for odor and chlorine absorption, with a 0.5 µm filter membrane.

| TYPE | MICRONS | RECOMMEND. FLOW | AVERAGE LIFE | CODE |
|-------------------------|---------|-----------------|--------------|---------|
| Cartridge SELECT CARBON | - | 90 l/h | 8 000 l * | 201 583 |
| Cartridge SELECT PP-GAC | 0.5 µm | | | 201 584 |

CARTRIDGE GAC BIG

with active carbon

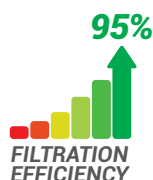


100% pure non-toxic polypropylene cartridge with active carbon for odor and chlorine absorption; 40 µm.

| TYPE | MICRONS | RECOMMEND. FLOW | AVERAGE LIFE | CODE |
|-----------------------|---------|-----------------|--------------|---------|
| Cartridge 10" GAC BIG | 40 µm | 480 l/h | 40 000 l * | 201 385 |
| Cartridge 20" GAC BIG | | 840 l/h | 50 000 l * | 201 386 |
| Cartridge 30" GAC BIG | | 1 200 l/h | 60 000 l * | 201 387 |

CARTRIDGE GAC BIG ONE

with active carbony



100% pure non-toxic polypropylene cartridge with active carbon for odor and chlorine absorption.

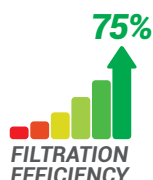
| TYPE | MICRONS | RECOMMEND. FLOW | AVERAGE LIFE | CODE |
|---------------------------|---------|-----------------|--------------|---------|
| Cartridge 23" GAC BIG ONE | - | 300 l/h ** | 20 000 l * | 201 388 |
| Cartridge 40" GAC BIG ONE | - | 400 l/h ** | 28 000 l * | 201 389 |

** HYPOTHESIS: Contact time 3 min. with 1 mg/L CL₂

* For the noted average life of the cartridges with active carbon is counted with inner value of the chlorine 0.5 and outlet chlorine reduction of 50% with compliance of recommended flow.

CARTRIDGE RLA-CP

with polyphosphate media



Cartridge made of 100% pure non-toxic polypropylene with polyphosphate media to reduce the hardness of technical water, intended for washing machines, dishwashers and other tech. device; 80 µm.

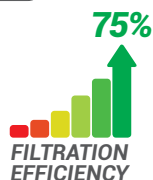
| TYPE | MICRONS | RECOMMENDED FLOW | CODE |
|----------------------|---------|------------------|---------|
| Cartridge 5" RLA-CP | 80 µm | 240 l/h | 201 390 |
| Cartridge 10" RLA-CP | | 480 l/h | 201 391 |

CARTRIDGE CP

with polyphosphate media



REPLACEMENT REFILL



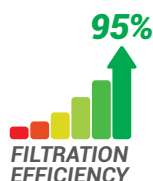
Refillable cartridge made of 100% pure non-toxic polypropylene with polyphosphate media to reduce the hardness of technical water, intended for washing machines, dishwashers and other tech. device; 20 µm.

INCREASED EFFECTIVENESS OF SOFTENING

| TYPE | MICRONS | RECOMMENDED FLOW | CODE |
|--|---------|------------------|---------|
| Cartridge 5" CP | 20 µm | 360 l/h | 201 539 |
| Cartridge 10" CP | | 720 l/h | 201 315 |
| Replacement CP polyphosphate refill - weight 850 g | | | 201 310 |

CARTRIDGE IRON FE

with GreenSand Plus de-ironing media



NEW
2023

Cartridge made of 100% pure non-toxic polypropylene with GreenSand Plus media to reduce the presence of iron in water. The de-iron cartridges must be followed by fine filtration.

| TYPE | MICRONS | MAX FLOW | CODE |
|---------------------------|---------|-----------|---------|
| Cartridge 20" IRON FE BIG | 40 µm | 1 440 l/h | 201 540 |

APPROXIMATE AVERAGE CARTRIDGE LIFE

| Iron level in water | Cartridge life | Number of days with a daily consumption of 1000 l | Number of days with a daily consumption of 500 l |
|---------------------|----------------|---|--|
| 5 ppm | 60 000 l | 60 | 120 |
| 4 ppm | 83 000 l | 83 | 166 |
| 3 ppm | 105 000 l | 105 | 210 |
| 2 ppm | 158 000 l | 158 | 316 |
| 1 ppm | 310 000 l | 310 | 620 |
| 0.5 ppm | 620 000 l | 620 | 1 240 |

Note:

- Minimum water hardness 5° Fr
- A high concentration of iron in water can cause an unpleasant taste and smell. In this case, it is advisable to use an cartridge with active carbon from the GAC BIG series.

FILTER CARTRIDGES

MICRO AND ULTRAFILTRATION

for final filtration of drinking water

Filtration system for drinking water taps. It is based on a high performance ultrafiltration process. The system consists of three-phase or four-phase filtration.

The output water is filtered to a fraction of 0.5 µm or 0.1 µm and, thanks to an cartridge with active carbon, free of odor and chlorine.

Three-phase filtration - 0.5 µm:

1. Cotton Cartridge FA 5 µm
2. Cartridge FR-A - polypropylene mixed with compressed hot air (MELT BLOW) 0.5 µm
3. Cartridge CA with active carbon

The package includes a 2 m connecting hose, 3 screw fittings.

Four-phase filtration - 0.1 µm:

1. Bavlněná Cartridge FA 5µm
2. Cartridge FR-N - polypropylene mixed with compressed hot air (MELT BLOW) 1 µm
3. Cartridge CA with active carbon
4. Cartridge UF - material PVDF 0.1 µm

The package includes a 2 m connecting hose, 5 screw fittings.

| TYP | RECOMMENDED FLOW | CODE |
|---------------------------------|------------------|---------|
| Three-phase filtration - 0.5 µm | 2.5 l/min | 201 585 |
| Four-phase filtration - 0.1 µm | | 201 586 |



CARTRIDGE UF



TRIPLEX



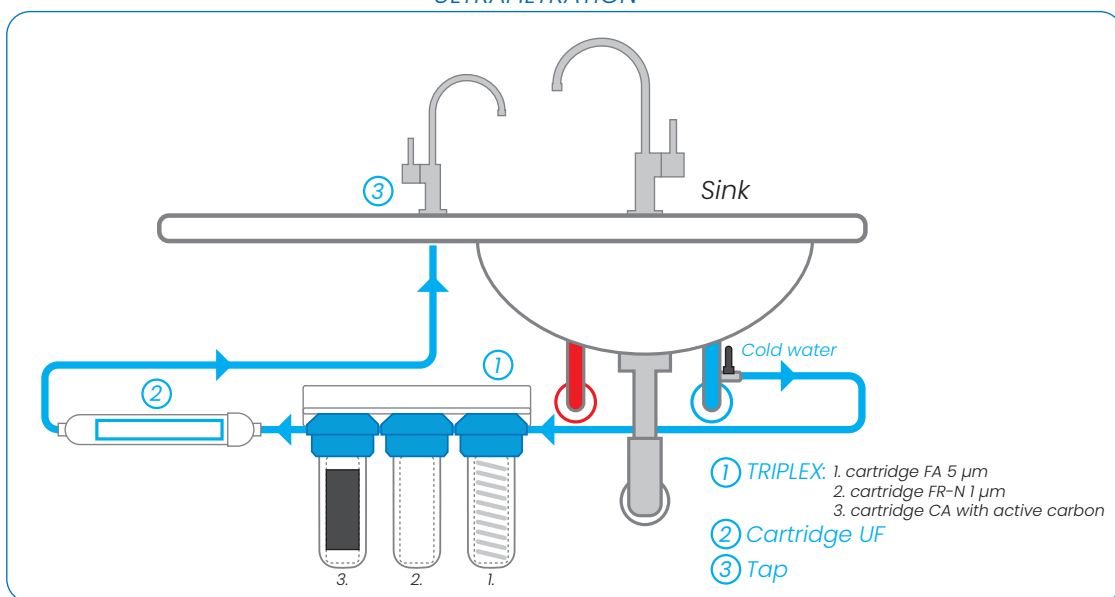
HOSE



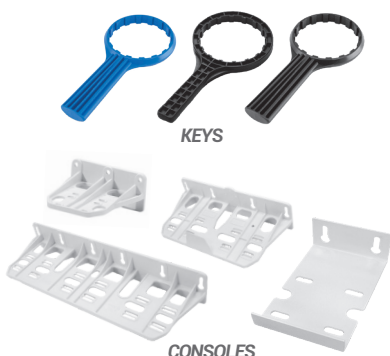
SCREW FITTINGS



ULTRAFILTRATION



FILTERS ACCESSORIES



KEYS

CONSOLES

| TYPE | CODE |
|--|---------|
| Maintenance key for FILTER 5", 10" and 20" | 201 199 |
| Maintenance key BIG | 201 205 |
| Console for FILTER SINGLE | 201 392 |
| Console for FILTER DUPLEX | 201 393 |
| Console for FILTER TRIPLEX | 201 394 |
| Console for FILTER AQUA BIG | 201 395 |

HYDRO-TECH

Electronic intelligent control device.



It automatically controls the operation of the pump according to the detected state of the water source, consumption and pressure changes in the pipeline. It completely replaces traditional control systems using both a hydrostat and a classic pressure switch. Another benefit is protection against dry running, thus visualization of the pressure in real time on the digital display (see page 9 for more).

- hydrostat function (MODE1) - switch-on pressure 0.5-6 bar
- function pressure switch (MODE2) - on-off pressure 0.5-9.8 bar
- protection against dry running



| TYPE | MAX POWER | MAX PRESSURE | CONNECTION | CODE |
|------------------------|-----------|--------------|------------|---------|
| HYDRO-TECH | 2 200 W | 10 bar | 1" | 201 161 |
| HYDRO-TECH with cables | | | | 201 213 |

HYDRO



The hydrostat for pumps with a motor power of 1.5 kW (16 A) is suitable for strengthening the pressure in the line, irrigation and the construction of booster sets.

- protection against dry running
- input voltage 230 V
- integrated manometer

| TYPE | MAX POWER | MAX PRESSURE | SWITCH-ON PRESSURE | CONNECTION | CODE |
|-----------------------|-----------|--------------|--------------------|------------|---------|
| HYDRO 1.5 | 1 500 W | 10 bar | 1.5 bar | 1" | 200 726 |
| HYDRO 1.5 with cables | | | | | 201 263 |
| HYDRO 2.2 | | | 2.2 bar | | 200 718 |
| HYDRO 2.2 with cables | | | | | 201 264 |

ECONOMY



Frequency converters for intelligent control of pumps up to 2.2 kW with clear control. Converters ensure constant pressure in the water supply system, protect against dry running and provide protection against overheating of the three-phase motor.

- clear digital display with easy operation
- delivery including pressure sensor and universal mounting bracket
- up to a distance of 50 m from the pump motor



ENERGY SAVINGS UP TO 50%

| TYPE | MAX POWER | INPUT VOLTAGE | OUTPUT VOLTAGE | CODE |
|--------------|-----------|---------------|----------------|---------|
| ECONOMY 1500 | 1 500 W | 1x230 V | 3x230 V | 201 230 |
| ECONOMY 2200 | 2 200 W | | | 201 231 |

ENERGY



Frequency converters of motor speed with sensing sensor and easy operation guard your pump against dry running and maintain a constant pressure. They are equipped with a digital display showing the current operating values or a simple LED indication (depending on the type).

- quick return on investment

ENERGY SAVINGS UP TO 50%

| TYPE | MAX POWER | INPUT VOLTAGE | OUTPUT VOLTAGE | CODE |
|------------|-----------|---------------|----------------|---------|
| ENERGY 1,1 | 1 100 W | 1x230 V | 1x230 V | 200 937 |
| ENERGY 1,5 | 1 500 W | | | 200 971 |
| ENERGY 2,2 | 2 200 W | 3x(200-440) V | 3x(200-440) V | 200 972 |
| ENERGY 3 | 3 000 W | | | 200 973 |

MS



The device serves as thermal protection for three-phase motors.

| TYPE | ELECTRIC CURRENT | CODE |
|------------|------------------|---------|
| MS 1-1.6 | 1-1.6 A | 200 653 |
| MS 1.6-2.5 | 1.6-2.5 A | 200 622 |
| MS 2.5-4 | 2,5-4 A | 200 623 |
| MS 4-6.3 | 4-6.3 A | 200 624 |
| MS 6.3-10 | 6.3-10 A | 200 727 |

LOGIC DROP

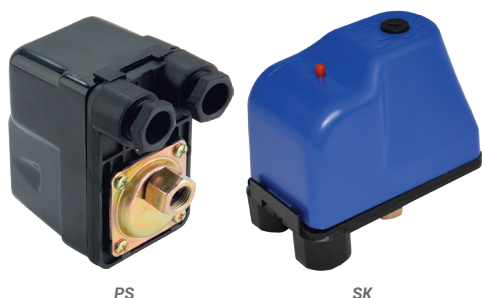


Electronic protection against dry running for single-phase centrifugal pumps and domestic water plants with motors with a nominal current of 3-8 A. The device is simply connected to the socket in front of the pump. In case of lack of water, the protection switches off the pump within 30 seconds. Running dry can mean the risk of serious damage or even destruction of the hydraulics of the pump or motor.

- easy installation

| TYPE | ELECTRIC CURRENT | CODE |
|------------|------------------|---------|
| LOGIC DROP | 3-8 A | 200 827 |

PS, SK



Pressure switches with union nut for easy connection with the possibility of setting the on and off pressure in a given range. Simple setting of the desired pressure mode.

- SK 13 - simple protection against dry running

| TYPE | PRE-SET PRESSURE | | RANGE | VOLTAGE | CONNECTION | CODE |
|---------|------------------|------------|---------|---------|------------|---------|
| | SWITCH-ON | SWITCH-OFF | | | | |
| PS 02 M | 1.4 | 2.8 | 1-5 bar | 230 V | 1/4" | 200 582 |
| PS 02 T | | | | 400 V | | 200 581 |
| SK 13 | - | - | 0.5 bar | 230 V | | 201 145 |

FLOAT SWITCH K



Float switch for checking, securing the water level and protecting the pumps.

| TYPE | CODE |
|---------|---------|
| K 0,5 m | 201 125 |
| K 2 m | 201 126 |
| K 3 m | 201 127 |
| K 5 m | 201 128 |
| K 10 m | 201 129 |
| K 15 m | 201 130 |
| K 20 m | 201 131 |

MANOMETER



The pressure gauge is used to measure the pressure in water, heating and compressed air distribution systems.

| TYPE | DESCRIPTION | CODE |
|------------------|--|---------|
| MANOMETER AXIAL | diameter 50 mm, 1/4" rear connection, 0-6 bar | 201 173 |
| MANOMETER AXIAL | diameter 50 mm, 1/4" rear connection, 0-10 bar | 201 123 |
| MANOMETER RADIAL | diameter 50 mm, 1/4" bottom connection, 0-6 bar | 201 174 |
| MANOMETER RADIAL | diameter 50 mm, 1/4" bottom connection, 0-10 bar | 201 124 |

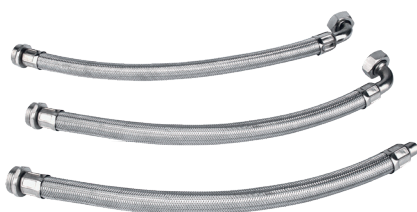
FITTING



Brass fittings are intended for the construction of booster sets with connections for a pressure vessel, manometer and pressure switch.

| TYPE | CODE |
|---------------------|---------|
| 3-way fitting 70 mm | 201 141 |
| 5-way fitting 70 mm | 201 142 |
| 5-way fitting 80 mm | 201 143 |
| 5-way fitting 90 mm | 201 144 |

ARMORED HOSES



Full flow armored hoses with union nut with 1" connection.

- for the construction of booster sets and ordinary installation connections

| TYPE | CODE | |
|----------------------|---------|----------|
| | ELBOW | STRAIGHT |
| Armored hose 500 mm | 201 136 | 201 132 |
| Armored hose 600 mm | 201 137 | 201 043 |
| Armored hose 700 mm | 201 138 | 201 133 |
| Armored hose 800 mm | 201 139 | 201 134 |
| Armored hose 1000 mm | 201 140 | 201 135 |

SUCTION SET KA



The 4 or 7 m long suction set consists of a reinforced plastic hose, a 1" or 5/4" connection to the pump and a suction basket with check valve.

| TYPE | LENGTH | DIAMETER | CODE |
|-----------|--------|----------|---------|
| KA 4-1" | 4 m | 1" | 200 829 |
| KA 7-1" | 7 m | | 200 830 |
| KA 4-5/4" | 4 m | 5/4" | 201 016 |
| KA 7-5/4" | 7 m | | 201 017 |

HOSE TRIX



PVC hose with technical fiber reinforcement designed for drainage and sludge pumps, rollable flat. The connection size must be the same as the size of the pump outlet.

- working pressure up to 4 bar, packaging 50 m

| TYPE | CODE |
|-----------|---------|
| TRIX 5/4" | 200 704 |
| TRIX 6/4" | 200 705 |
| TRIX 2" | 200 706 |

HOSE TAIL



Hose tail with external thread or fixed nut is intended for common types of drainage and sludge pumps or as a common connecting element of water systems.

| TYPE | CODE |
|------------------------------|---------|
| external thread 1" x 25 mm | 200 693 |
| external thread 1"x 30 mm | 200 690 |
| external thread 5/4" x 40 mm | 200 692 |
| external thread 6/4" x 50 mm | 200 671 |
| external thread 2" x 65 mm | 200 673 |
| with nut 1" x 25 mm | 200 672 |
| with nut 5/4" x 30 mm | 200 670 |
| with nut 6/4" x 40 mm | 200 694 |
| with nut 2" x 50 mm | 200 691 |

HOSE TAIL WITH ELBOW

*external thread*

Hose tail with elbow is intended for common types of drainage and sludge pumps or as a common connecting element of water systems.

| TYPE | SIZE | CODE |
|-------|-----------------|---------|
| HP 54 | 5/4" x 25-40 mm | 201 006 |
| HP 55 | 6/4" x 25-40 mm | 201 007 |

HOSE TAIL STRAIGHT



Hose tail is designed for common types of drainage and sludge pumps or as a common connecting element of water systems.

| TYPE | SIZE | CODE |
|-------|-----------------|---------|
| HP 44 | 5/4" x 25-40 mm | 201 212 |

UNIVERSAL EXTENSION



For hose sizes from 3/4" to 6/4" with union nut for easy disconnection and handling. The extension is compatible with all Aquacup pond filtration connections.

| TYPE | CONNECTION | CODE |
|-------|-------------|---------|
| HP 64 | 3/4" - 6/4" | 200 729 |

UNIVERSAL SPLITTERS



For hose sizes from 3/4" to 6/4" with union nut for easy disconnection and handling. The branch is compatible with all Aquacup pond filtration connections and for connecting TRIX coiled hoses.

- variant F is equipped with valves for flow regulation

| TYPE | CONNECTION | CODE |
|---------|-----------------------------|---------|
| HP 65 | 3/4" - 1" | 201 010 |
| HP 66 | 1" - 6/4" | 201 012 |
| HP 65 F | 3/4" - 1", with ball valves | 201 011 |
| HP 66 F | 1" - 6/4", with ball valves | 201 013 |

PACKAGING AND SHIPPING

We are happy when our customers can see at first sight that we care about them.

Quality packaging is often what really sells. Today, very few people will buy the best and highest quality product in unprofessional or bad packaging.

We are aware of this, which is why we offer our customers all products carefully packed in original packaging with a registered EAN number code. Of course, complete technical documentation is included.

Thanks to well-functioning cooperation with several leading Czech transporters, we can guarantee our customers delivery of goods as standard from 24 hours, or use of our EXPRESS DELIVERY service.



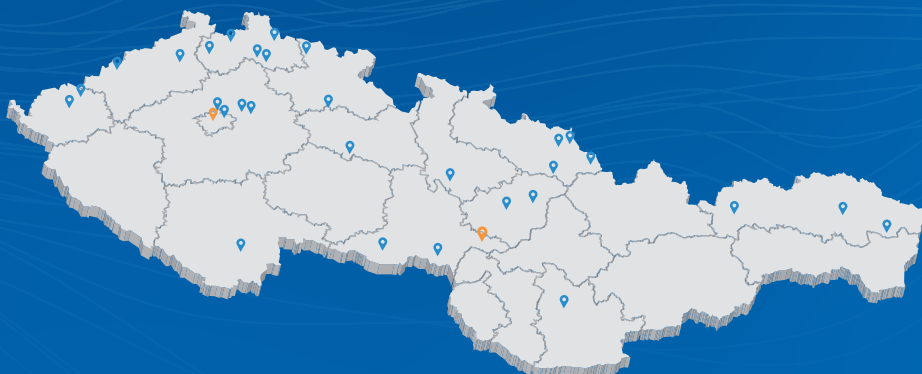
CUSTOMER SERVICE



Our relationship with customers does not end with the sale of goods, but rather begins. If someone trusts us and buys our AQUACUP brand, they have the option of long-term customer support, where they can ask additional questions about the goods they have already purchased, or about pumping technology in general, and we will always be happy to take care of our customers.

Warranty and post-warranty service is an integral part of our services to our customers. Here, the customer can use the main service center at the Aquacup s.r.o. headquarters. in Veselí nad Moravou, or a wide network of service partners both here and in Slovakia.

We always approach each service case individually, and if our customer is in a great hurry for his repair, even in such cases we try to accommodate as much as possible and look for the optimal solution.



CENTRAL SERVICE CENTER

Kollárova 969,

Veselí nad Moravou

Phone: +420 572 591 800





www.aquacup.cz/en/