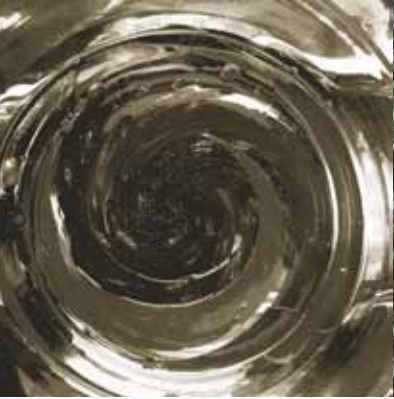
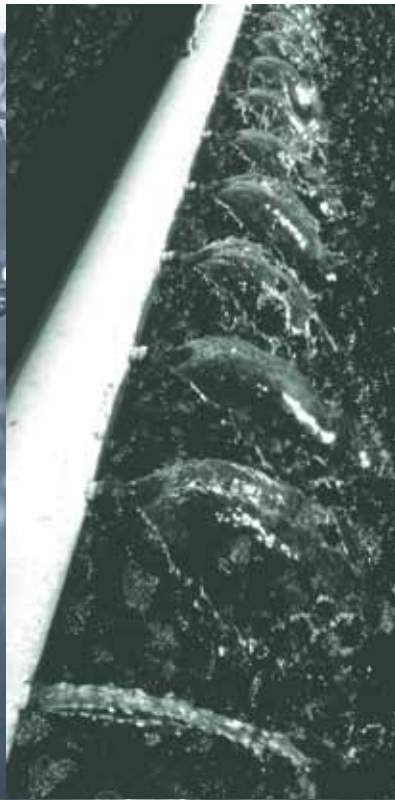


 **ESPA** PRODUCT PORTFOLIO



www.espa.com



ESPA PRODUCT PORTFOLIO

We are pleased to present the ESPA product portfolio; a catalogue of equipment and systems for optimal water cycle management. The information has been structured according to series of products and their principal descriptive, functional and constructive properties.

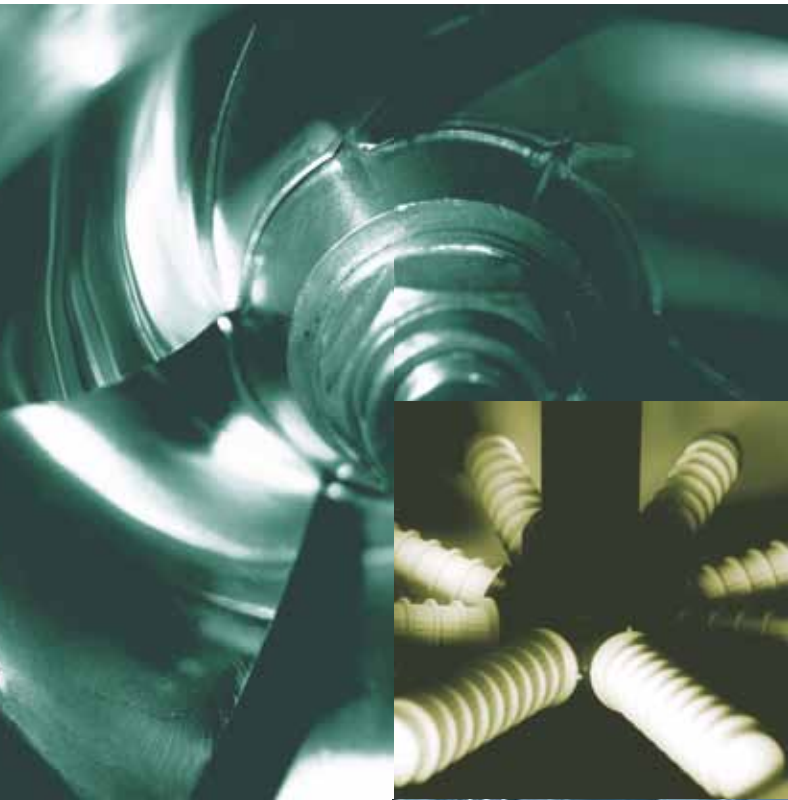
After the useful index for finding the desired product, there is an intuitive table which relates activities by sector with the different series of pumping equipment and systems.

We are motivated by our customers' satisfaction. For over 50 years, ESPA has been committed to excellence in terms of both product and service, with the aim of making the efficient use of water easier, safer and more profitable. In the country, in the city, in industry, and in any setting where the pumping, management or treatment of water requires reliable responses. To this end, along with the full range of pumping equipment and systems, we offer the constructive, functional and application components that characterise them. Based on application engineering, ESPA's designs are creative, innovative, long-lasting solutions that cover all application settings in the water cycle, including harvesting, supply, pressurisation, irrigation, recirculation, disposal, drainage, filtering and recycling.

One of ESPA's core values is continuous improvement to offer solutions that are adapted to current and future market demands to meet customers' needs and maintain a strong commitment to the environment. In order to achieve our objectives we have a highly qualified team and a research and development investment strategy.

ESPA's mission extends beyond that of merely supplying the manufactured goods presented in this catalogue, as it aims for distinction by providing a close, rapid, personalised service. Calling, consulting and asking are precisely those aspects which enhance our business vision and provide value to our customers.





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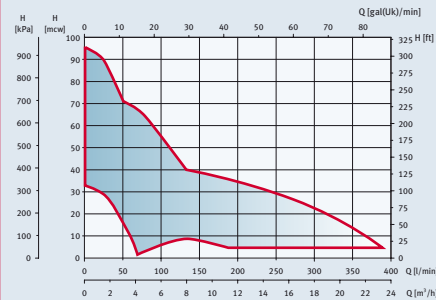
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Acuaría

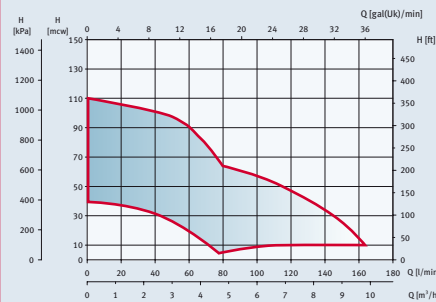
07N... 57



- Irrigation, decanting and hydropneumatic sets.
Max. immersion level according to technical table, cod. 2240.
- Outer casing, discharge body, impellers, filter and motor casing in stainless steel AISI 304.
Motor shaft and pump shaft in stainless steel AISI 303.
Diffusers in technopolymer.
Double mechanical seal in ceramic/graphite/NBR.
Foodgrade oil in sealed chamber.
- **Q maximum:** 22 m³/h.
H maximum: 92 mwc.
Motor power: from 0,37 kW to 2,2 kW.
Voltage: single-phase 1 x 230 V, three-phase 3 x 400 V. 50 Hz. IP68.
Maximum liquid temperature: 40°C maximum.
Connection: series 07N/17/27 - 1" series 37/57 - 1 1/2".
Without non-return valve.
Forced water-cooled motor.
Single-phase motors built-in thermal protector.

Neptun FL/MS4

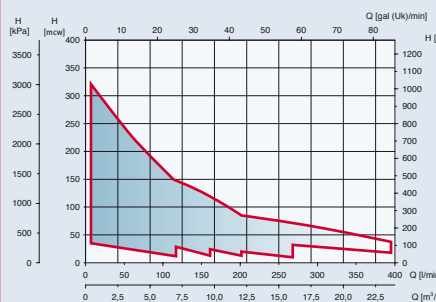
60... 120



- Irrigation, decanting and hydropneumatic sets.
Max. immersion level according to technical table, cod. 2240.
- Discharge body, outer casing, filter and motor casing in stainless steel AISI 304.
Floating impellers in technopolymer.
Diffusers in technopolymer.
Motor shaft in stainless steel AISI 303.
O-rings in NBR.
Double mechanical seal in graphite/silicon carbide and in graphite/alumina.
Foodgrade oil in sealed chamber.
- **Q maximum:** 8,4 m³/h.
H maximum: 140 mwc.
Motor power: from 0,7 kW to 1,5 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 400 V. 50 Hz. IP68.
Maximum liquid temperature: 40°C maximum.
Connection: 1".
Without non-return valve.
Forced water-cooled motor.
Single-phase motors built-in thermal protector.

ES4

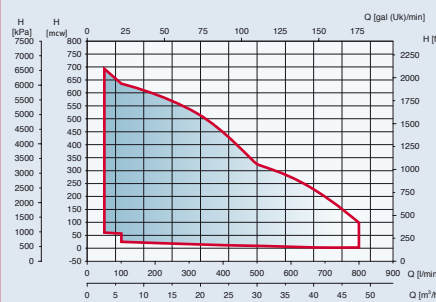
1... 16




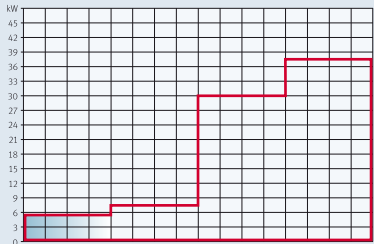

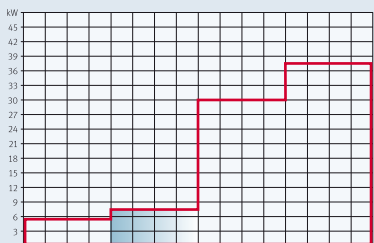

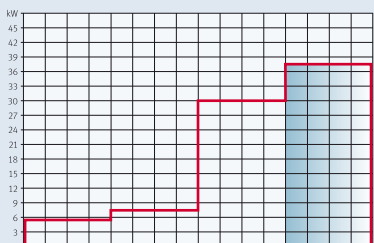

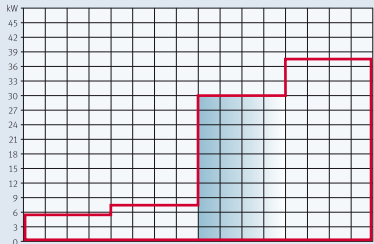
- Water supply. Pressure boosting. Irrigation.
Rainwater collection. Fire fighting. Mining industry. Golf courses. Ground-water level control.
- Outer casing, filter, shaft, discharge body, pump base, screws, non-return valve and cable guard in stainless steel AISI 304.
Impellers and diffusers in technopolymer PC, friction bearings in compacted resin, o-rings in NBR.
- **Q maximum:** 24 m³/h.
H maximum: 305 mwc.
Motor power: from 0,37 kW to 5,5 kW. 50 Hz.
Connection: models ES4 1/2/4/6 G 1 1/4", the rest G 2".
Motor NEMA coupling.
4" motor characteristics: see O4I and A4I specifications.
Built-in non-return valve.

ES6

80... 480



- Agricultural and industrial installations, pressure sets, fire-safety equipment and irrigation. They can operate with sand in suspension up to 40 gr/m³.
- Outer casing, filter, cable protection, discharge body, diffuser spacer, shaft and pump base in stainless steel AISI 304.
Impellers and diffusers in technopolymer.
O-rings in NBR.
Pump-motor support in stainless steel D2B, according to NEMA standards.
- **Q maximum:** 66 m³/h.
H maximum: 693 mwc.
Motor power: from 0,55 kW to 45 kW. 50 Hz.
Connection: 3".
Motor NEMA coupling.
4" motor characteristics: see O4I and A4I specifications.
6" motor characteristics: see E6W and A6 specifications.

Series / Pump type	Hydraulic performance range	Applications / Materials / Technical features
<p>A4I 50... 750</p> 		<ul style="list-style-type: none"> → For borehole 4" submersible pumps with NEMA coupling. → Inner and outer case and shaft in stainless steel AISI 304. Double radial bearing in graphite. Axial bearings in stainless steel AISI 304. Upper and lower mountings in cast iron and nickel-plated cover. → Maximum water temperature: 40°C. Maximum immersion: 100 m. Maximum starts per hour: 40. Voltage tolerance: +10%. Cooling system: water with glycol. Minimum cooling speed: 3 m/s. Axial thrust: 0,37-1,1 kW = 2000N 1,5-2,2 kW = 3000N 3-5,5 kW = 6000N Encapsulated stator. Horizontal working position, not permitted. Insulation class F, IP 68. Power range up to 5,5 kW. Lower axial bearing, Kingsbury type.
<p>O4I 50... 1000</p> 		<ul style="list-style-type: none"> → Submersible motors of 4" (100 mm) diameter according to NEMA standard, with oil-cooled motor. → Inner and outer case in stainless steel AISI 304. Shaft in stainless steel AISI 303. Double radial bearing in graphite. Axial bearings in stainless steel AISI 304. Upper and lower mountings in cast iron and nickel-plated cover. → Maximum water temperature: 40°C. Maximum immersion: 150 m. Maximum starts per hour: 30 with start ramp control and 20 without one. Voltage tolerance: +10%. Cooling system: with non-toxic oil (FDA). Minimum cooling speed: 0,08 m/s. Axial thrust: 0,3 -2,2 kW = 2000N / 3-7,5 kW = 6500N NEMA standard couplings. Rewindable stator. Horizontal working position up to 2,2 kW (see the wet end specifications). Insulation class F, IP 68. Power range up to 7,5 kW. Radial-axial ball bearing.
<p>A6 550... 4000</p> 		<ul style="list-style-type: none"> → For assembly with 6" submersible pumps, with coupling system as per Nema standard. → Case in stainless steel AISI 304. Shaft in stainless steel AISI 420. Double radial bearing in graphite. Upper and lower mountings in cast iron GG22. Gaskets in NBR. → Maximum water temperature: 25°C. Maximum immersion: 100 m. Maximum starts per hour: 14. Voltage tolerance: +10%. Cooling system: demineralised water. Minimum cooling speed: 0,2 m/s. Axial thrust: 16000N through axial bearing, Kingsbury type. NEMA coupling. Horizontal working position, not allowed. Insulation class F, IP 68. Power range up to 30 kW. Lower axial bearing, Kingsbury type.
<p>E6W 40... 370</p> 		<ul style="list-style-type: none"> For the assembly with 6" submersible pumps, with coupling system as per Nema standard. → Case in stainless steel AISI 304. Shaft in stainless steel AISI 420. Double radial bearing in graphite. Axial bearings in stainless steel AISI 304. Upper and lower mountings in cast iron GG22. → Maximum water temperature: 25°C. Maximum immersion: 350 m. Maximum starts per hour: 15. Voltage tolerance: +10%. → Cooling system: demineralised water with antifreeze. Minimum cooling speed: 0,2 m/s and 0,5 m/s with 37 kW motor. Axial thrust: 4-22 kW, 16000N / 26-37 kW, 30000N through axial bearing, Kingsbury type. Rewindable stator (PVC wire protection) NEMA coupling. Horizontal working position (see wet end axial thrust). Insulation class F, IP 68. Power range up to 37 kW. Lower axial bearing, Kingsbury type.

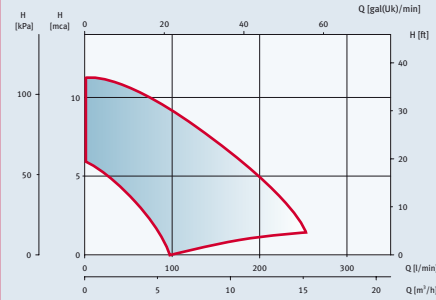
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Vigila

100... 500



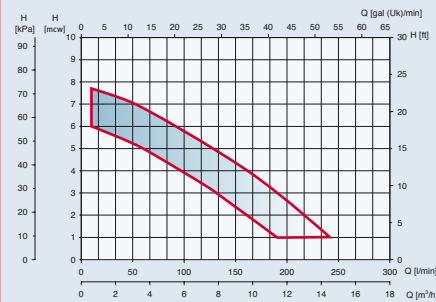
→ Portable submersible pumps of reduced size and weight. Drainage of clear water, decorative fountains, etc.

→ Pump body and suction filter in technopolymer. Impeller in technopolymer. Double lip seal and o-rings in NBR.

→ **Q maximum:** 15 m³/h.
H maximum: 10,7 mwc.
Motor power: from 0,11 kW to 0,6 kW.
Voltage: single-phase 1 x 230 V. 50 Hz. IP68.
Maximum liquid temperature: 30°C maximum.
Connection: Vigila 100M - 1", rest of series 1 1/4" M.
Version A: with float switch. Single-phase motor, built-in thermal protector. Designed for intermittent operations.
Maximum solids handling: 8 mm. Version "C" with ceramic sleeve. Version "H" with internal metal parts in stainless steel AISI 316.

Vigilex

300/600

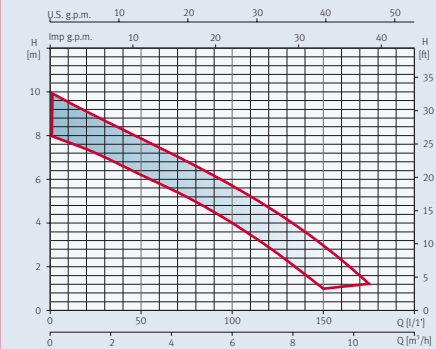


→ Submersible pumps, Vortex system for sewage water. Drainage of sewage and dirty water, in domestic installations, operation in septic tanks and small purifying installations.

→ Pump body and pump foot in glass-loaded polypropylene. Impeller in glass-loaded polyamide. Double lip seal in NBR.

→ **Q maximum:** 14,4 m³/h.
H maximum: 7,7 mwc.
Motor power: from 0,5 kW to 0,6 kW.
Voltage: single-phase 1 x 230 V. 50 Hz. IP68.
Maximum liquid temperature: 30°C maximum.
Connection: 1 1/4" M.
Version A: with float switch. Single-phase motor, built-in thermal protector Vortex impeller. Designed for intermittent operations. Maximum solids handling: 24 mm.

Viginox MXO

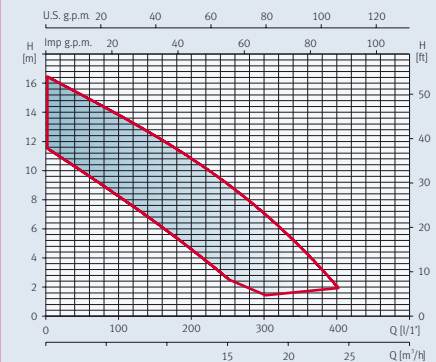


→ Drainage of filtered water. Emptying of pools and operation in decorative fountains, waterfalls and emptying of rainwater.

→ Outer casing: stainless steel AISI 304. Impeller in tecnopolymer. Diffuser, motor casing, pump base and upper cover in stainless steel AISI 304. Pump shaft in stainless steel AISI 303. Double sealed. Mechanical seal on the pump side in silicon carbide/alumine oxidized. Lip seal on motor side in NBR. O-rings: NBR.

→ **Q maximum:** 10,5 m³/h.
H maximum: 10 mwc.
Motor power: from 0,25 kW to 0,45 kW.
Voltage: single-phase 1 x 230 V. 50 Hz. IP68.
Maximum liquid temperature: 40°C maximum.
Connection: 1 1/4" M.
Version A: with float switch. Single-phase motor, built-in thermal protector and capacitor. Maximum passage of solids: Ø10 mm.

Viginox



→ Drainage of filtered water. Emptying of pools and operation in decorative fountains, waterfalls and emptying of rainwater.

→ Outer casing, impeller, diffuser, motor casing, pump base and upper cover in stainless steel AISI 304. Pump shaft in stainless steel AISI 316. Double mechanical seal on the pump side in silicon carbide/alumine oxidized. Lip seal on motor side in NBR. O-rings: NBR.

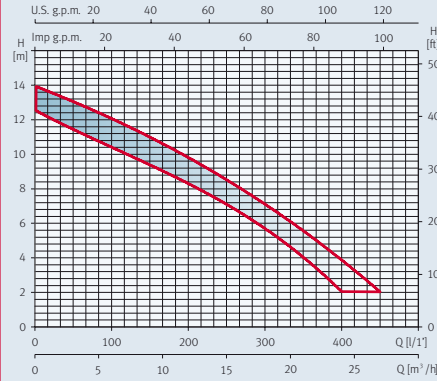
→ **Q maximum:** 24,0 m³/h.
H maximum: 16,5 mwc.
Motor power: from 0,6 kW to 1,1 kW.
Voltage: single-phase 1 x 230 V. 50 Hz. Three-phase 3 x 400 V. 50 Hz IP68.
Maximum liquid temperature: 50°C maximum.
Connection: 1 1/2"-2" M.
Version A: with float switch. Single-phase motor, built-in thermal protector and capacitor. Maximum passage of solids: Ø10 mm.

Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

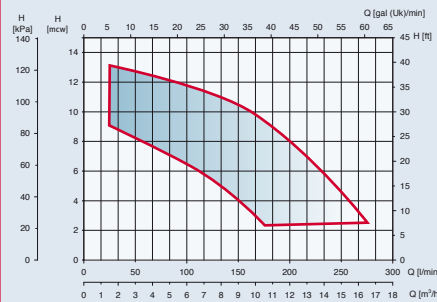
Viginox V



- ⇒ Drainage of sewage/dirty water, operation in septic tanks, small purifying installations and emptying of rainwater. Specially adapted for building use.
- ⇒ Outer casing, impeller, diffuser, motor casing, pump base and upper cover in stainless steel AISI 304. Pump shaft in stainless steel AISI 316. Double mechanical seal on the pump side in silicon carbide/alumine oxidized. Lip seal on motor side in NBR. O-rings: NBR.
- ⇒ **Q maximum:** 24,0 m³/h.
H maximum: 14,0 mwc.
Motor power: from 0,75 kW to 1,1 kW.
Voltage: single-phase 1 x 230 V. 50 Hz. Three-phase 3 x 400 V. 50 Hz IP68.
Maximum liquid temperature: 50°C maximum.
Connection: 1 1/2" - 2" M.
Version A: with float switch.
Single-phase motor, built-in thermal protector and capacitor
Maximum passage of solids: Ø30 mm.

Vigila SS

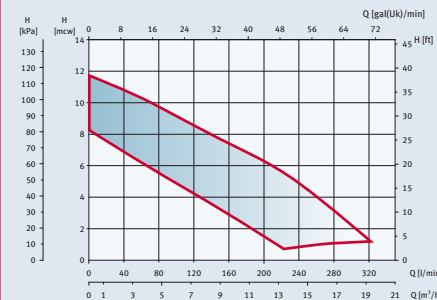
750... 1250



- ⇒ Portable submersible pumps for the drainage of water without solids in suspension. Drainage of infiltration water, empty swimming pools, operation in decorative fountains and waterfalls.
- ⇒ Discharge cover, pump casing, motor casing and filter in stainless steel AISI 304. Impeller in elastomer plastic, reinforced with bichromate iron. Pump direction mounting and foot in glass-loaded polypropylene. Motor shaft in stainless steel AISI 420. Mechanical seal in silicon carbide and aluminum oxide. O-rings in NBR.
- ⇒ **Q maximum:** 16,5 m³/h.
H maximum: 13,2 mwc.
Motor power: from 0,25 kW to 0,9 kW. 50 Hz. IP68.
Voltage: single-phase 1 x 230 V.
Maximum liquid temperature: 40°C maximum.
Connection: 1 1/4" H.
Version A: with float switch.
Single-phase motor, built-in thermal protector.
Maximum solids handling: 8 mm.
Forced cooling through the discharge water.

Vigilex SS

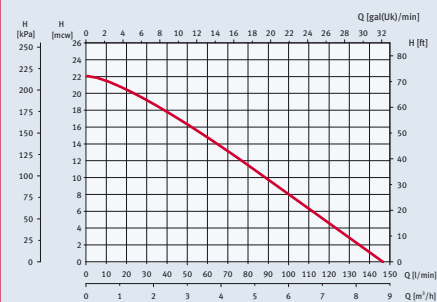
850... 1350



- ⇒ Submersible Vortex pumps for drainage of dirty water. Submersible pumps, Vortex system, for the drainage of sewage water in domestic applications, small purifying installations, septic tanks, etc.
- ⇒ With impeller in glass-loaded polypropylene with brass inserts. Discharge body, pump casing and motor casing in stainless steel AISI 304. Pump base, volute and volute cover in glass-loaded polypropylene. O-rings in NBR and mechanical seal in silicon carbide and aluminum oxide.
- ⇒ **Q maximum:** 19,2 m³/h.
H maximum: 11,1 mwc.
Motor power: from 0,37 kW to 0,9 kW. 50 Hz. IP68.
Voltage: single-phase 1 x 230 V.
Maximum liquid temperature: 40°C maximum.
Connection: 1 1/2" H.
Version A: with float switch.
Single-phase motor, built-in thermal protector.
Maximum solids handling: 35 mm.
Forced cooling through the discharge water.

Vigicor

150



- ⇒ Submersible grinder pumps, for sewage water, with filaments. Drainage of sewage and dirty water, operation in septic tanks and small purifying installations.
- ⇒ Discharge cover, pump casing and motor casing in stainless steel AISI 304. Impeller in technopolymer. Blade in stainless microfusion. Pump base in cast iron and stainless steel AISI 304. Volute in cast iron. Motor shaft in stainless steel AISI 420. Mechanical seal in alumine oxide and silicon carbide. O-rings in NBR.
- ⇒ **Q maximum:** 9,6 m³/h.
H maximum: 21 mwc.
Motor power: 0,9 kW. 50 Hz. IP68.
Voltage: single-phase 1 x 230 V.
Maximum liquid temperature: 40°C.
Connection: 1 1/4" H.
Version A: with float switch.
Single-phase motor, built-in thermal protector.

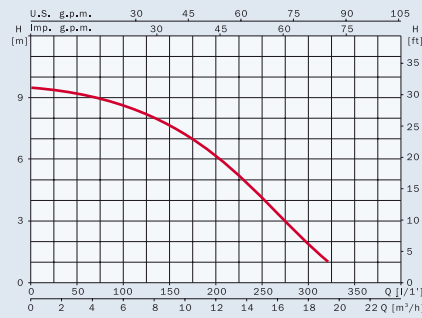
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Drain

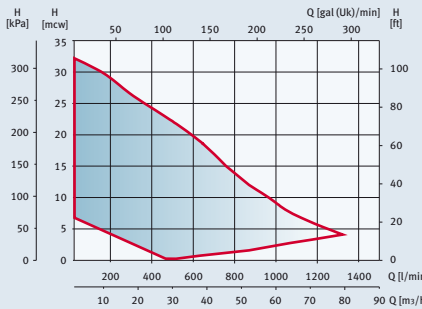
100



- Submersible pumps for the drainage of water without solids in suspension. Drainage of infiltration water, empty swimming pools, decorative fountains and waterfalls.
- Discharge body and upper mounting in cast iron. Impeller in technopolymer. Double mechanical seal in ceramic/graphite/NBR. Filter in rigid plastic. Motor housing and transport handle in stainless steel AISI 304.
- **Q maximum:** 18 m³/h.
H maximum: 9,2 mwc.
Motor power: 0,75 kW. 50 Hz. IP68.
Voltage: single-phase 1 x 230 V.
Maximum liquid temperature: 40°C.
Connection: 1 1/4" H.
Version A: with float switch,
Maximum solids handling: 7 mm,
Single-phase motor, built-in thermal protector,

Drainex

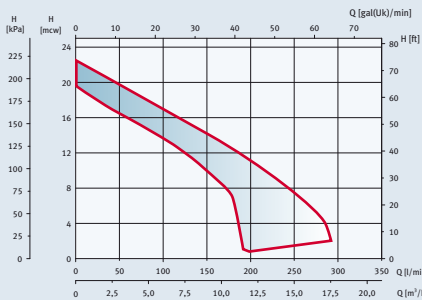
100... 600



- Submersible pumps, Vortex system for sewage water. Drainage of sewage and dirty water, operation in septic tanks and small purifying installations.
- Pump body in cast iron. Double mechanical seal in silicon carbide/silicon carbide and graphite/alumina oxide + lip seal. Screws in stainless steel AISI 304. O-rings in NBR.
- **Q maximum:** 78 m³/h.
H maximum: 30 mwc.
Motor power: from 0,55 to 3,7kW. 50 Hz to 2900 rpm.
Voltage: single-phase 1 x 230 V, three-phase 3 x 400 V. IP68.
Maximum liquid temperature: 40°C.
Pump type 400/500/600 40°C.
Vortex impeller.
Connection: from 2" to DN65.
Solids handling: 32 to 65 mm.
Transportable kit DR6 and DR7.
ATEX version available: (ATEX II 2G-Eex d II B T4), series 400, 500 and 600.
Version A: with float switch.
Single-phase motor, built-in thermal protector.

Draincor

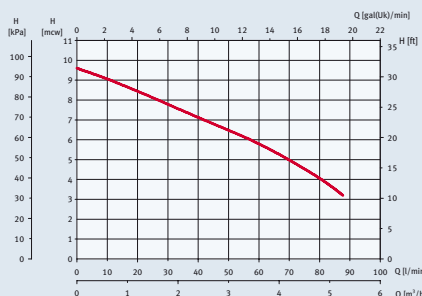
180/200



- Submersible grinder pumps, for sewage water, with filaments. Drainage of sewage and dirty water, operation in septic tanks and small purifying installations.
- Pump body, discharge body, suction body and impeller in cast iron. Dilacerative system in steel F-520. Mechanical seal in silicon carbide and graphite. Pump base in stainless steel AISI 304, detachable for coupling of accessories. O-rings in NBR. Motor shaft in stainless steel AISI 420.
- **Q maximum:** 17,4 m³/h.
H maximum: 21 mwc.
Motor power: from 1,1 - 1,25 kW. 50 Hz. IP68. 2900 rpm.
Voltage: single-phase 1 x 230 V, three-phase 3 x 400 V.
Maximum liquid temperature: 40°C.
Connection 1 1/2".
Version A: with float switch.
Maximum solids handling: 7 mm.
Single-phase motor, built-in thermal protector.
Impeller: grinder. 90° elbow included.
Stationary kit optional.

Clean

WG/WGS/G



- Domestic lifting station for sewage and grey waters.
- The main components are made of plastic materials that are compatible with use for sewage water. The grinding system is hardened stainless steel.
- **Q maximum:** 5,4 m³/h.
H maximum: 9 mwc.
Motor power: from 0,37 kW. 50 Hz.
Voltage: single-phase 1 x 230 V.
Connection: Discharge port Ø 25 and 32.
Grey water port Ø 40 and 32, folding hood for WC connection according to EN33 and EN 37.
Built-in non-return valve for grey water, clamp, nut fixation and gaskets.

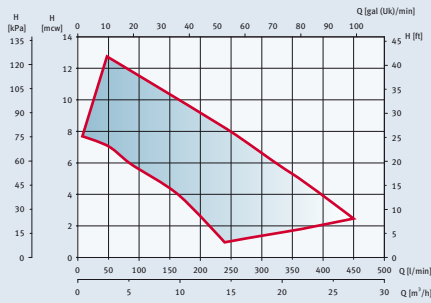
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Drainbox

300/600



→ Domestic: detached homes, cottages, rural properties, second homes, etc.
Professional: restaurants, small hotels, stores, workshops, small industries, etc.

→ 240 l tank (480 twin version).
Manufactured in high-density PE with 6 mm thickness with special bottom design to avoid sedimentation.
Accessories in PVC and gaskets in EPDM.

→ **Q maximum:** 24 m³/h twin model x 2.

H maximum: 12,7 mwc.

Motor power: from 0,6 to 1,1 kW. 50 Hz. IP68.

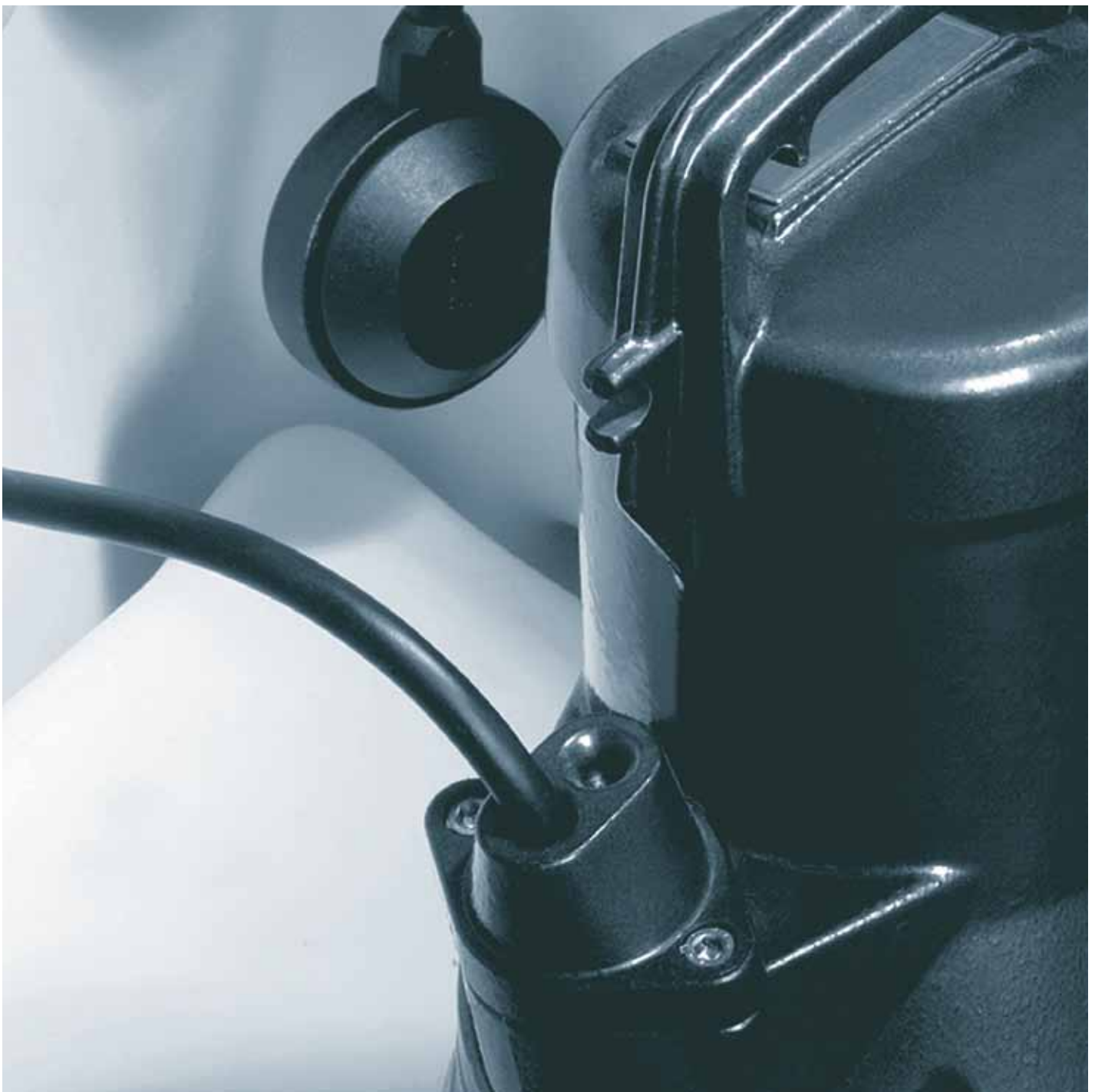
Maximum liquid temperature: 40°C.

Connection: 63 mm.

Maximum solids handling: 45 mm

(except Drainbox 800M A TP connection 1 1/4" and maximum solids handling of 24 mm).

The unit is supplied with tank/s, pump/s + accessories + control box.





WATER SUPPLY
RECIRCULATION



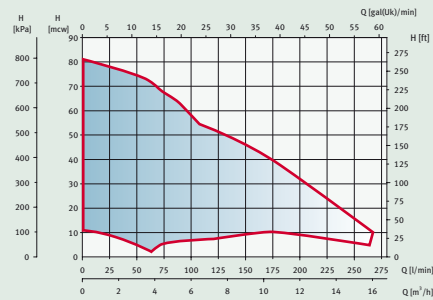
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Prisma

15... 45N



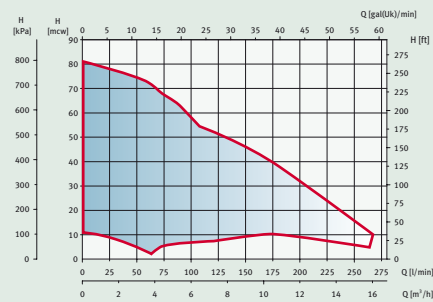
→ Quiet-running horizontal multi-stage centrifugal pumps. Self-priming up to 2 m. For domestic and industrial supplies. Irrigation and hydropneumatic sets.

→ Pump body and impellers in stainless steel AISI 304. Motor shaft in stainless steel AISI 420. Diffusers in technopolymer. Suction and discharge mountings in cast iron. Mechanical seal in graphite and alumine oxide. O-rings in EPDM and NBR. Motor housing in aluminium.

→ **Q maximum:** 15 m³/h.
H maximum: 81 mwc.
Motor power: from 0,24 kW to 2,2 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP44. 2900 rpm.
Connection: 15/25 - 1" pump type, 35 1 1/4" pump type and 45 1 1/2" pump type.
Maximum liquid temperature: 40°C.
 Single-phase motor, built-in thermal protector.

Aspri

15... 45N



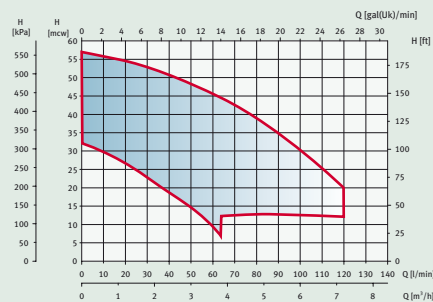
→ Quiet-running multi-stage centrifugal pumps. Built-in self-priming valve, not very sensitive to impurities. Self-priming up to 9 m. To work with clean water in domestic and industrial applications, irrigation and pressure sets.

→ Pump body and impellers in stainless steel AISI 304. Motor shaft in stainless steel AISI 420. Diffusers in technopolymer. Suction and discharge mountings in cast iron. Mechanical seal in graphite and alumine oxide. O-rings in EPDM and NBR. Motor housing in aluminium.

→ **Q maximum:** 15 m³/h.
H maximum: 81 mwc.
Motor power: from 0,24 kW to 2,2 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP44. 2900 rpm.
Connection: 15/25 - 1" pump type, 35 1 1/4" pump type and 45 1 1/2" pump type.
Maximum liquid temperature: 40°C.
 Single-phase motor, built-in thermal protector.

Tecno

05... 25



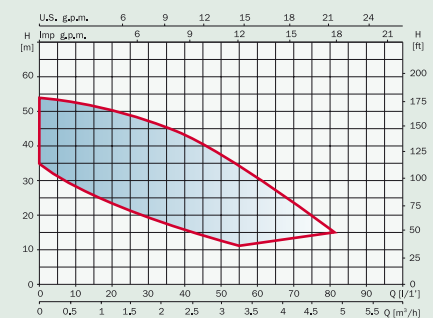
→ Quiet-running horizontal multi-stage centrifugal pumps. For clean water in domestic applications, irrigation and pressure sets.

→ Pump body and impellers in stainless steel AISI 304. Motor shaft in stainless steel AISI 420 (Tecno 05). Motor shaft in stainless steel AISI 431 for (Tecno 15, 25). Diffusers in technopolymer. Mechanical seal in graphite and steatite. O-rings in EPDM/NBR. Motor housing in aluminium.

→ **Q maximum:** 7,2 m³/h.
H maximum: 56 mwc.
Motor power: from 0,11 kW to 1,1 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP55. 2900 rpm.
Connection: 1".
Maximum liquid temperature: 40°C.
 Single-phase motor, built-in thermal protector.

Delta

505... 1755



→ For clean water. Irrigation and hydropneumatic sets.

→ Pump body in stainless steel AISI 304. Motor shaft in stainless steel AISI 420. Diffusers in glass-loaded technopolymer. Mechanical seal in graphite and steatite. Motor housing in aluminium L-2521. Windings impregnated with epoxy resin. Delta 505/755/1005: impeller in glass-loaded technopolymer. Delta 1755: impeller in stainless steel AISI 304.

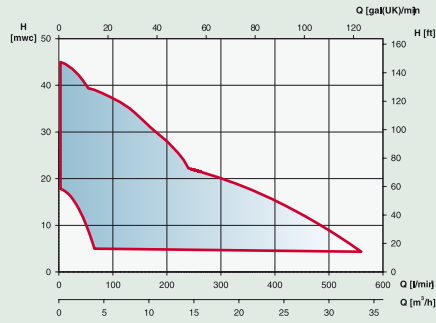
→ **Q maximum:** 4,5 m³/h.
H maximum: 57 mwc.
Motor power: from 0,37 kW to 0,75 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. 50 Hz. IP44.
Connection: suction port 1", discharge 1".
Maximum liquid temperature: 40°C.
 Single-phase motor, built-in thermal protector.

Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Tecno SS



- Multi-stage centrifugal pumps manufactured in stainless steel. For industrial application, wash down, recirculation, ferti-irrigation, water treatment, auxiliary equipment, general industry.
- Pump body, impellers, diffusers and shaft in stainless steel, o-ring in NBR, mechanical seal in graphite and aluminum oxide.
- **Q maximum:** 43 m³/h.
H maximum: 35 mwc.
Motor power: from 0,24 kW to 1,9 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V IP54. 2900 rpm.
Liquid temperature: from -15°C to +110°C.

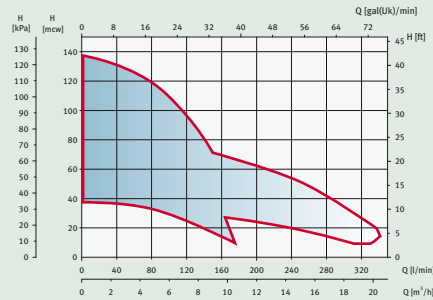


Series / Pump type

Hydraulic performance range

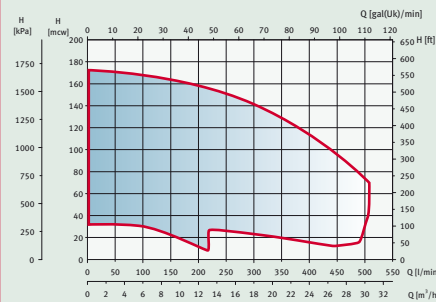
Applications / Materials / Technical features

Multi 25... 55N



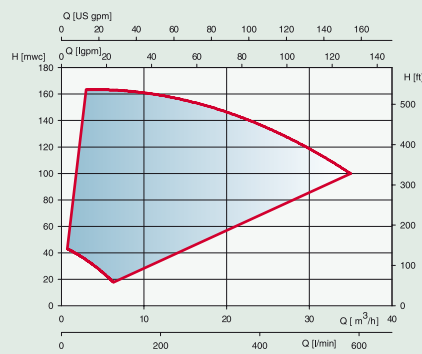
- Quiet-running vertical multi-stage centrifugal pumps, supplied with flanges. Spray irrigation systems, hydropneumatic sets and industrial installations.
- Pump body and impellers in stainless steel AISI 304. Motor shaft in stainless steel AISI 420. Multi35 N 8, 35 10, in stainless steel AISI 303. Diffusers in technopolymer. Flanges, suction and discharge mountings in cast iron. Mechanical seal in graphite and alumine. Motor housing in aluminium.
- **Q maximum:** 18 m³/h.
H maximum: 135 mwc.
Motor power: from 0,55 kW to 4 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/ 400 V. IP44. 2900 rpm.
Connection: 25 1 1/4". 35/45 Suction 1 1/2", discharge 1 1/4"
Liquid temperature: 40°C
Single-phase motor built-in thermal protector

Multi VE 94/121



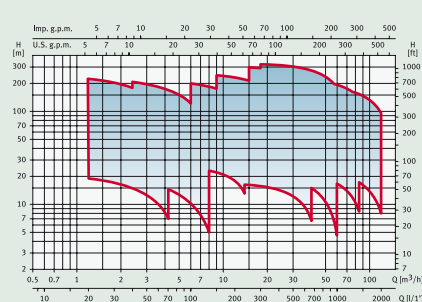
- Quiet-running vertical in-line multi-stage centrifugal pumps. Spray irrigation systems and hydropneumatic sets.
- Pump shaft and impellers in stainless steel AISI 304. Pump body and protection grid in stainless steel AISI 304. Suction body, discharge body and motor-pump coupling in cast iron. Diffusers in technopolymer. Motor housing in aluminium.
- **Q maximum:** 30 m³/h.
H maximum: 170 mwc.
Motor power: from 1,1 kW to 15 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V - 400/692 V. IP54. 2900 rpm.
Connection: series VE 94 from 4 to 8 stages with oval flanges G 1 1/2" PN 10, all others with round flanges EN 1092 G 1 1/2" PN 16. VE 121 round flange EN 1092 G 2" PN 16.
Liquid temperature: from -5°C to 40°C.

Multi VS



- Water distribution, irrigation, heating, ventilation, pressure boosting, industrial washing equipment, cooling, chilling, water treatment, filtration systems. Auxiliary equipment, fire-fighting equipment, general industry.
- Hydraulic completely in stainless steel AISI 304 (standard version) or AISI 316 (version N). The standard mechanical seal can be replaced without removing the motor from the pump. The surface motors have efficiency values that fall within the range normally referred to as efficiency IE2. IE3 with ESD. IP 55 protection. Classe F insulation.
- **Q maximum:** 35 m³/h.
H maximum: 250 mwc.
Motor power: from 0,37 kW to 18,5 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V - 400/692 V. IP54. 2900 rpm.
Liquid temperature: from -30°C to +120°C.

Multi VX

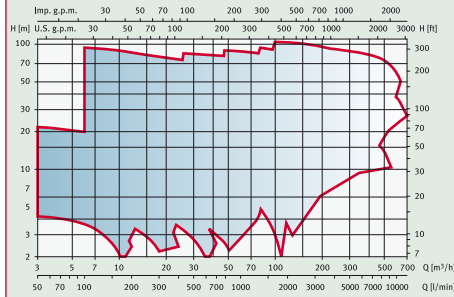


- Water distribution, irrigation, heating, ventilation, pressure boosting, industrial washing equipment, cooling, chilling, water treatment, filtration systems. Auxiliary equipment, fire-fighting equipment, general industry.
- Hydraulic completely in stainless steel AISI 304 (standard version) or AISI 316 (version N). The standard mechanical seal can be replaced without removing the motor from the pump. The surface motors have efficiency values that fall within the range normally referred to as efficiency IE2. IE3 with ESD. IP 55 protection. Classe F insulation.
- **Q maximum:** 120 m³/h.
H maximum: 330 mwc.
Motor power: from 2,2 kW to 45 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V - 400/692 V. IP54. 2900 rpm.
Liquid temperature: from -30°C to +120°C.

Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

EN**32... 80**

→ Water transfer, irrigation, industrial and pressurisation, with no solids in suspension.

→ Pump body and impellers in cast iron GG20.
Motor shaft in stainless steel AISI 420.
Mechanical seal in graphite and ceramic.

→ **Q maximum:** 210 m³/h.

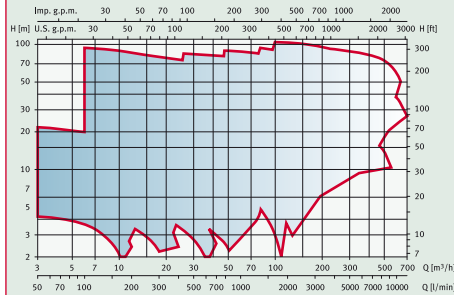
H maximum: 92 mwc.

Motor power: from 1,5 kW to 30 kW. 50 Hz.

Voltage: three-phase 230/400 V from 4 kW and 400/692 for greater power. IP55. 2900 rpm.

Connection: according to EN733.

Liquid temperature: from -10°C to 90°C.
Pressure up to 10 bar.

FN/FNS/FNF**32... 150**

→ Water distribution. Heating, ventilation. Pressure boosting, irrigation.

Industrial washing equipment. Cooling and chilling. General industry, water treatment. Heat recovery, filtration equipment. Auxiliary equipment, fire-fighting equipment.

→ Pump body and motor coupling in GG20/GG25, impeller in stainless steel AISI 316 up to 65-125, the rest in cast iron GG25, shaft in stainless steel AISI 420.
Mechanical seal in graphite and alumine oxide, o-rings in NBR (for larger models, the mechanical seal is in silicon carbide/graphite and the gaskets in EPDM).

→ **Q maximum:** 650 m³/h.

H maximum: 93 mwc.

Motor power: from 0,75 kW to 132 kW. 50 Hz.

Voltage: three-phase 400/692 V, 230/400 V available. IP55. 2900 rpm/1450 rpm.

Connection: according to EN733.

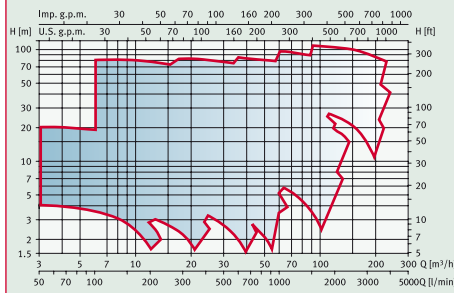
Liquid temperature: from -10°C to 85°C.
Pressure up to 10 bar.

Temperature: larger models up to 120°C.

FN: close coupled motor (2FN with two impellers).

FNS: stub shaft and standard motor coupling.

FNF: flexible coupling and standard motor coupling.

XN/XNS/XNF**32... 80**

Single-stage centrifugal pump in stainless steel AISI 316 L, in compliance with EN 733. Designed for the pumping of liquids. For use in agricultural, industrial and household applications.

→ Pump body, seal mounting, impeller in stainless steel AISI 316 L, mechanical seal in graphite/ceramic, joints in FPM. Laser-welded impeller for models 32/40/50 and 65/160; all other models, impeller in cast stainless steel AISI 316 L.
Special mechanical seals available on request.

Q maximum: 228 m³/h.

H maximum: 111 mwc.

Motor power: from 0,75 kW to 100 kW. 50 Hz.

→ **Voltage:** three-phase 400/692 V, 230/400 V available. IP55. 2900 rpm/1450 rpm.

Connection: according to EN 733.

Liquid temperature: de -10°C from to 110°C.
Pressure up to 12 bar.

XN: close coupled motor (2FN with two impellers).

XNS: stub shaft and standard motor coupling.

XNF: flexible coupling and standard motor coupling.

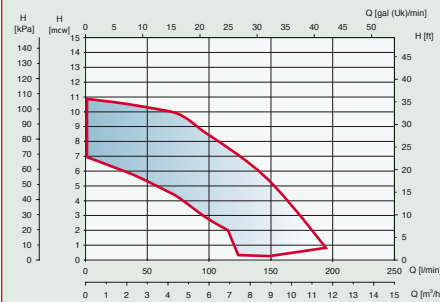


Series / Pump type

Hydraulic performance range

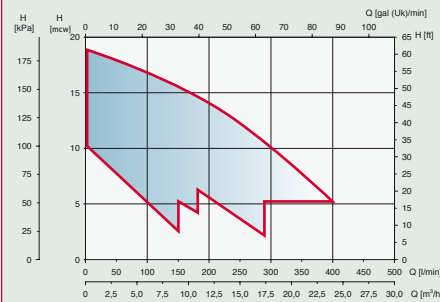
Applications / Materials / Technical features

Basic/Niper Basic/Niper1/Niper2



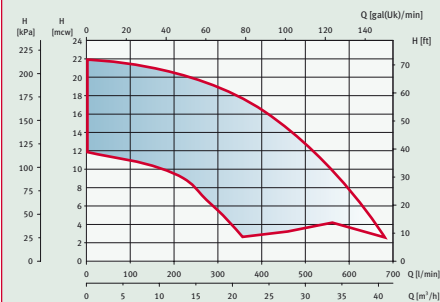
- Recycling of water from small transportable pools.
- Pump body, seal mounting, impeller and pump foot in technopolymer. Motor shaft in stainless steel AISI 420. Mechanical seal in graphite and alumine oxide. Motor housing in aluminium. Niper: diffuser in technopolymer.
- **Q maximum:** 12 m³/h.
H maximum: 10,5 mwc.
Motor power: from 0,15 kW to 0,24 kW. 50 Hz.
Voltage: single-phase 1 x 230 V. IP55. 2900 rpm.
Connection:
Niper: with suction and discharge connections for flexible pipe of 32 and 38 mm diameters.
Niper1: with suction and discharge connections of 40 mm diameter for flexible pipe.
Niper2: with suction and discharge connections of 40 mm diameter for flexible pipe and with unions for 50 mm diameter.
Maximum liquid temperature: 40°C.
Single-phase motor, built-in thermal protector.

Iris/Silen 30...1000



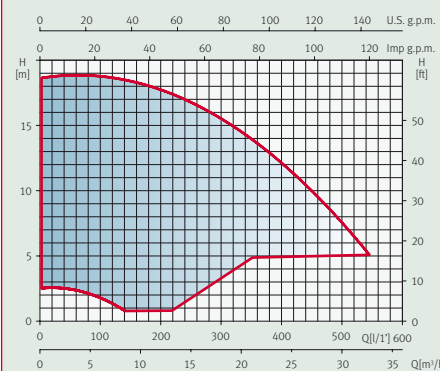
- Recycling and filtering of water from small and medium-sized swimming pools.
- Pump body, pump foot, impeller, seal mounting and diffuser in technopolymer. Motor shaft in stainless steel AISI 420. Mechanical seal in graphite and alumine oxide. Motor housing in aluminium. Silen: O-rings in NBR.
- **Q maximum:** 24 m³/h.
H maximum: 18,6 mwc.
Motor power: from 0,18 kW to 1,1 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP55. 2900 rpm.
Connection: suction and discharge connections with unions of 50 mm diameter.
Maximum liquid temperature: 40°C.
Single-phase motor, built-in thermal protector.

Silen2 50... 300



- Quiet-running, single-stage self-priming, centrifugal pumps, complete with pre-filter. Recycling and filtering of large pools.
- Pump body, pump foot, diffuser, impeller and seal mounting in technopolymer. Motor shaft in stainless steel AISI 420. Mechanical seal in graphite and alumine oxide. Motor housing in aluminium. O-rings in NBR.
- **Q maximum:** 39 m³/h.
H maximum: 21,5 mwc.
Motor power: from 0,55 kW to 2,2 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP55. 2900 rpm.
Connection: suction and discharge connections with unions of 63 mm diameter.
Maximum liquid temperature: 40°C.
Single-phase motor, built-in thermal protector.

Silen Plus



- Recirculation and filtering of water from swimming pools. Quiet-running.
- Pump body, pump foot, impeller, seal mounting and diffuser in technopolymer. Motor shaft in stainless steel AISI 420. Mechanical seal in graphite and alumine. Motor housing in aluminium. O-rings in NBR. Silen Plus includes an ESPA pool pump and a frequency inverter with a major innovation in its operation to adapt it for usage in pools. The ESPA **evopool®** control system detects the position of the selector valve and transmits it to the pump to automatically activate or deactivate the operation cycle depending on the position. Smartphone App.
- **Q maximum:** 33 m³/h.
H maximum: 19,5 mwc.
Motor power: from 0,75 kW to 1,5 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP55. 2900 rpm.
Connection: suction and discharge connections with unions of 50-63 mm diameter.
Maximum liquid temperature: 40°C.
Single-phase motor, built-in thermal protector.

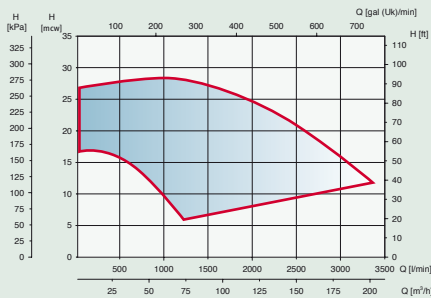
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Star

30... 150



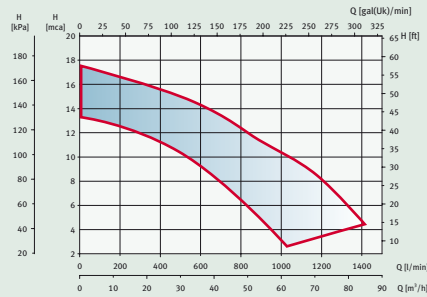
⇒ Monobloc centrifugal pumps complete with pre-filter, for filtering and purifying equipment. Recycling and filtering of water from medium-sized and large swimming pools, aquatic attractions and similar places.

⇒ Pump body and pre-filter in cast iron. Filter in stainless steel AISI 316. Impeller in stainless steel AISI 316 L (Star 30 65, 40 65, 55 80, 75 80, 100 80, Star4 30 65) and in cast iron (all other models). Shaft in stainless steel AISI 316. Mechanical seal in graphite/ceramic.

⇒ **Q maximum:** 305 m³/h.
H maximum: 24 mwc.
Motor power: from 2,2 kW to 11 kW. 50 Hz.
Voltage: three-phase 3 x 230/400 V, 3 x 400/692 V. IP55. 2900 rpm/1450 rpm.
Connection: from DN65 to DN150.
Maximum liquid temperature: 40°C.

Nadorself

200... 400



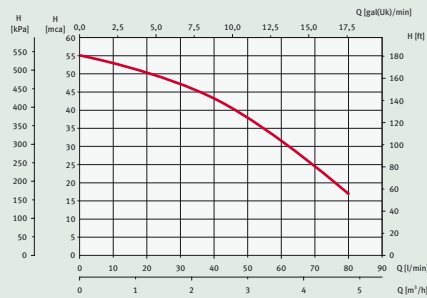
⇒ Jet-flow swimming in public or private swimming pools. Generates a strong stream of water and transform swimming pools into places for sport and leisure.

⇒ Pump body, impeller, seal mounting and diffuser in technopolymer. Mechanical seal in graphite and alumine oxide. Suction valve in reinforced rubber. Shaft in stainless steel AISI 420. Pump-motor support and motor housing in aluminium.

⇒ **Q maximum:** 78 m³/h.
H maximum: 17,2 mwc.
Motor power: from 1,5 kW to 3 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP55. 2900 rpm.
Connection: discharge at 90° 2 1/2", threaded and with three positions. Suction 2 1/2", threaded.
Maximum liquid temperature: 40°C.

Multipool

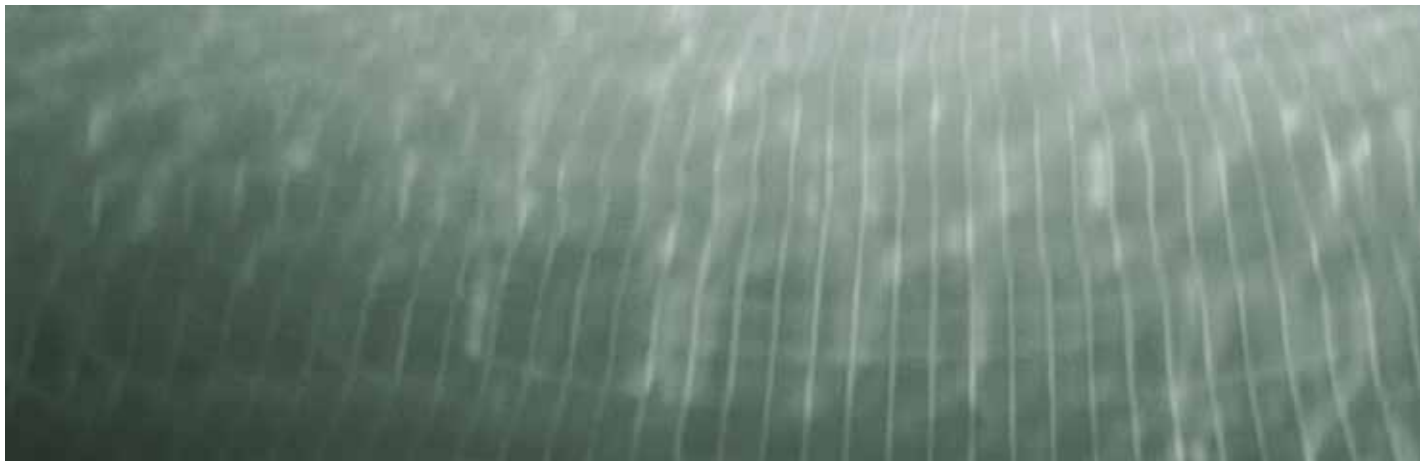
Plus/Tronic/3SS



⇒ Booster pumps for pool cleaners. Designed for operation with chlorinated, saline and ozonised waters.

⇒ Pump body, base and diffusers in polymeric materials. Pump body with pressure gauge and flow-regulating valve included. Shaft in stainless steel AISI 316. Wet end with AISI 316 metallic components. Mechanical seal in graphite and alumine oxide. Motor housing in aluminium L-2521. Windings impregnated with polyester resin.

⇒ **Q maximum:** 4,8 m³/h.
H maximum: 55 mwc.
Motor power: from 0,55 kW to 0,75 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP55. 2900 rpm.
Connection: 1".
Maximum liquid temperature: 40°C.
 Single-phase motor, built-in thermal protector
Multipool tronic: with programmer integrated inside the connection box.



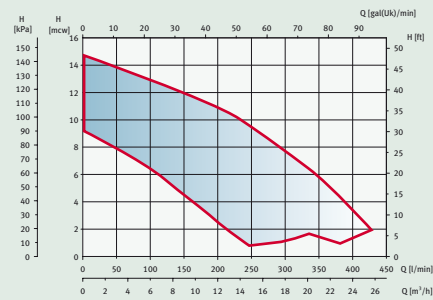
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Tiper

0... 15



→ Compact hydromassage units.

→ Suction and discharge mountings, impeller and motor mountings in technopolymer.

Motor shaft in stainless steel AISI 420.

Motor housing in aluminium.

Tiper 0/15: mechanical seal in graphite and steatite.

Tiper 2: mechanical seal in graphite and alumine oxide.

 → **Q maximum:** 25,5 m³/h.

H maximum: 14,5 mwc.

Motor power: from 0,37 kW to 0,92 kW. 50 Hz.

Voltage: single-phase 1 x 230 V. IP55. 2900 rpm.

Connection: suction and discharge with unions of G 2 1/2". Suction inner diameter: 50 mm, outer diameter: 58 mm for flexible pipe.

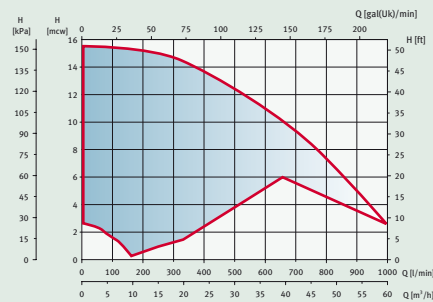
Maximum liquid temperature: 40°C.

Discharge union: Tiper0/Tiper1 inner diameter of 40 mm and outer diameter or 48 mm for flexible pipes.

Single-phase motor, built-in thermal protector.

Wiper 0/3

50... 300



→ Single-stage centrifugal pumps for water recirculation, with central suction. Water recirculation in transportable pools and spas.

→ Pump body and impeller in technopolymer.

Motor mountings in anticorrosive materials.

Motor shaft in stainless steel AISI 420.

Mechanical seal in graphite and steatite.

Motor housing in aluminium.

O-rings in NBR.

 → **Q maximum:** 58 m³/h.

H maximum: 15,2 mwc.

Motor power: from 0,24 kW to 2,2 kW. 50 Hz.

Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP55. 2900 rpm.

Wiper3 150 and 300, optional with 2/4 poles motor.

Connection:
Wiper0: suction and discharge with threaded unions of G 2 1/4" and with threaded unions for 50 mm diameter.

Wiper3: suction and discharge of 2 3/4" with unions of 63 mm.

Maximum liquid temperature: 40°C.

Single-phase motor, built-in thermal protector

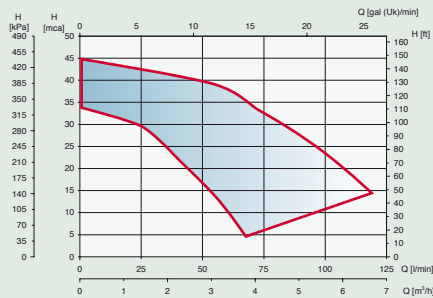


Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Pressdrive



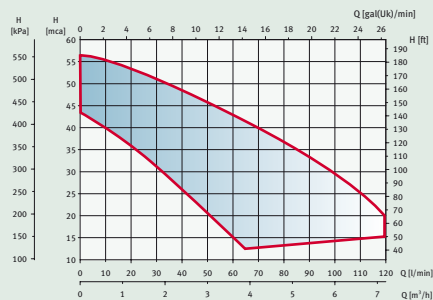
→ Assembled on a pump for automatic water supply and to reduce the water hammer. Free of maintenance without preload of air.

→ Quiet running operation. Non return valve built-in, pressure gauge, pressure switch and electronic control with dry running function integrated with manual reset button. Plastic union connection included. Adjustable starting pressure from 1,5 to 2,5 bar. Plastic components in polypropylene. Internal membrane in natural rubber. Screws in stainless steel AISI 304.

→ **I max:** 10 A 230 V a 50 Hz.
Maximum flow: 8 m³/h
Maximum liquid temperature: 40°C.
Connections, inlet and outlet: 1".

Pressure set

PD



→ Domestic boosting and pressurisation. Automatic supply of water whilst maintaining constant system pressure.

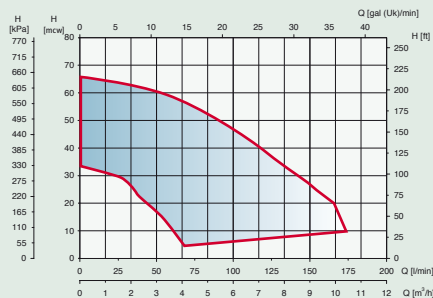
→ These domestic booster pump sets can be built in various configurations using different types of pumps, vessels and control devices. For assistance in your selection please contact our technical sales team.

→ Built-in pressure gauge, non-return valve, reset push-button, LEDs indicating, line, run and failure.

Voltage: single-phase 1 x 230 V. 50 Hz.
Connection: 1".
 Adjustable starting pressure from 1,5 to 2,5 bar.
Maximum liquid temperature: 40°C.
Stop pressure for all models: max. pressure build of the pump.
I max.: 10 A.
Differential pressure from stop to start: 0,7 bar.

Pressure set

202... 502



→ Sets for the automatic supply of water at constant pressure. Automatic distribution of water to one or more apartments or for places requiring automatic pressure control.

→ See Prisma series, brass 5-way connection, pressure vessel with special anticorrosion treatment.

→ **202:** 20 l horizontal pressure vessel, pressure switch, pressure gauge, 5-way connection and 1" flexible pipe.

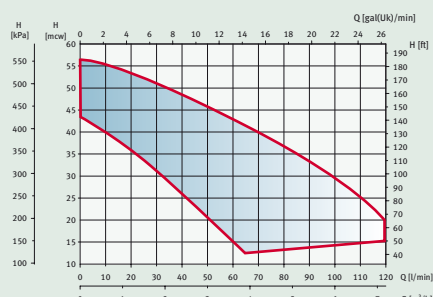
242: 25 l pressure vessel, pressure switch, pressure gauge.

502: 50 l horizontal pressure vessel, pressure switch, pressure gauge, 5-way connection, 1" flexible pipe and pump base plate.

Maximum liquid temperature: 40°C.

Tecnopres

15/25



→ Quiet-running horizontal multi-stage centrifugal pumps. To supply water at pressure in domestic applications. With dry run protection.

→ Pump body and impellers in stainless steel AISI 304.

Motor shaft in stainless steel AISI 431.

Diffusers in technopolymer.

Mechanical seal in graphite and steatite.

Motor housing in aluminium.

O-rings in EPDM/NBR.

→ **Q maximum:** 7,2 m³/h.

H maximum: 43 mwc.

Motor power: from 0,55 to 1,1 kW. 50 Hz.

Voltage: single-phase 1 x 230 V. IP55. 2900 rpm.

Connection: 1".

Maximum liquid temperature: 40°C.

Starting pressure series 15, 1,7 bar and series 25, 2,3 bar.

Stop pressure for all models: max. pressure build of the pump.

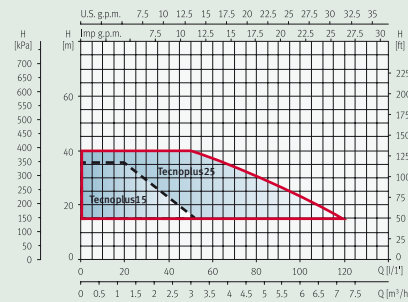
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

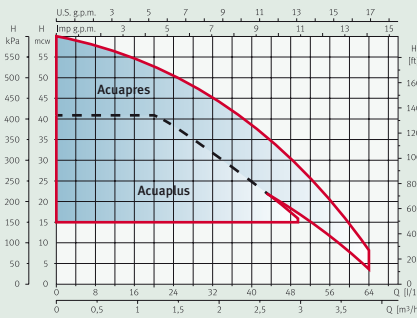
Tecnoplus

15/25



- Maximum confort at a low price.
Pressurising of domestic water for houses, semi-detached homes, apartments, chalets and rural homes.
- Hydraulic body and impellers in AISI 304.
Diffusers in thermoplastic.
Mechanical seal in graphite and ceramic.
Joints in NBR.
- **Q maximum:** 7 m³/h.
H maximum: 40 mwc.
Motor power: from 0,55 to 0,95 kW. 50 Hz.
Single-phase motor, built-in thermal protector for Tecnoplus 15/4 M and three-phase motor for Tecnoplus 25/4 M.
With dry run protection.
Working pressure: 1,5 to 4 bar.
Maximum suction pressure: 2 bar.

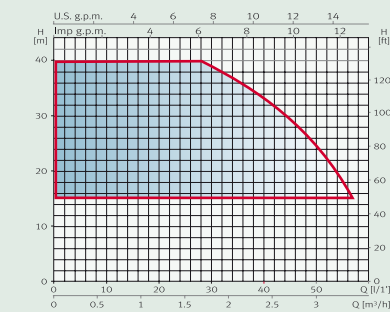
Acuaplus N/Acuapres



- Pressurising of domestic water for houses, semi-detached homes, apartments, chalets and rural homes...
Acuaplus N with speed control for constant pressure.
Acuapres with on/off electronic system.
- Outer casing, discharge body, impellers, filter, discharge cover and motor casing in stainless steel AISI 304. Motor shaft in stainless steel. AISI 303 + F-114. Diffusers in technopolymer.
Mechanical seal in alumine oxide/graphite/steatite/NBR/AISI 304.
- **Q maximum:** Acuaplus N 3 m³/h. Acuapres 4 m³/h.
H maximum: Acuaplus N 40 mwc. Acuapres 60 mwc.
Motor power: Acuaplus N 0,75 kW 50 Hz. Acuapres 0,5 kW to 0,9 kW.
Voltage: single-phase 1 x 230 V. IP68. 2900 rpm.
Connection: 1".
Temperature of liquid: from -4°C to 40°C.
Single-phase motors with thermo-ampometric protector. Dry run detection device, sequential start-ups in case of failure.
Working pressure: Acuaplus N from 1,5 to 4 bar.

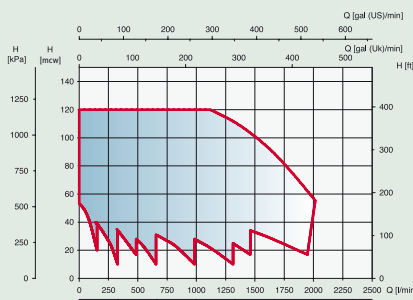
Aquabox

350



- Aquabox is multipurpose and can be used in settings with water supply problems.
Rural areas: second homes, village dwellings, rural tourism, etc. Urban areas: housing developments, houses, commercial premises, restaurants, etc.
- High-density tank in PE, gaskets in EPDM.
Choice of submersible and surface pumps (see pump materials).
Fixed speed motor for Tecnopres and Acuaría.
Speed control for Tecnoplus and Acuaplus.
- **Unit comprising:** water accumulation tank, pressure gauge, pump, drainage connection, hollow cap, connection sockets, tank lid, automatic pressure control system using KIT 02 for fixed speed models. Variable-speed models with electronic ESD (ESPA Speed Driver) regulation and Press Air Kit regulator. For electrical and hydraulic characteristics, consult the technical characteristics of pumps.
Temperature of liquid: 40°C max.

CPE



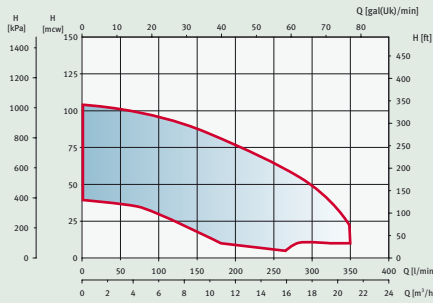
- Booster sets specially designed to supply water to residential apartments, hotels, etc.
Quiet-running with changeover starting device and operation in tandem when required for units with several pumps.
- Supplied with base plate in steel, pumps (Prisma/Multi/VE), valves, fittings and flexible pipe. Discharge manifold in stainless steel AISI 304 (for multi-pump sets). Pressure vessel or galvanised steel (not included) and control panel.
- **Q maximum:** 120 m³/h, (standard pressure sets; increased pressure and flow available on request).
H maximum: 120 mwc.
Motor power: from 0,92 kW to 11 kW x pump.
50Hz. (Greater power available on request).
Booster sets from 1 to 4 pumps according to needs. Pressure control through pressure switches.
Changeover on booster sets with two or more pumps. Control panel.
Maximum liquid temperature: 40°C.
The hydraulic performance curves are for standard sets. Higher pressure and greater flows can be supplied on request.

Series / Pump type

Hydraulic performance range

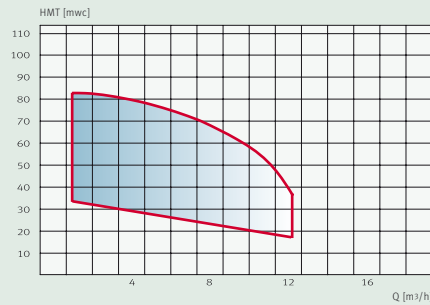
Applications / Materials / Technical features

Speedrive



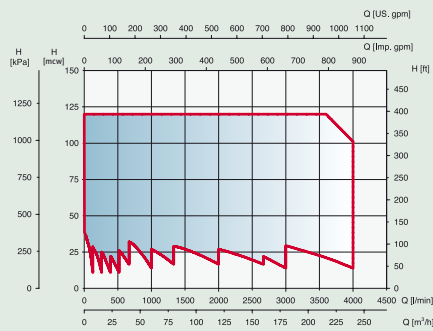
- Frequency converter for regulating three-phase motors for operation at constant pressure. Attached directly to the motor connection box. Air-cooled. Options for operation in pump groups of up to 4 units controlled from a single Speedrive, or in communication with 4 Speedrive.
- Aluminium base with cathoresis protection. Polypropylene front panel. Polyamide motor adaptor.
- **Power range** from 0,75 kW to 1,5 kW with 230 V single-phase power, and from 2,2 kW to 4 kW with 400 V three-phase power. 50/60-Hz frequency. Two 4-20 mA sensor inlet. **Maximum ambient temperature:** 40°C.

CKE



- Constant pressure booster set, air-cooled with speed-controlled inverter. Designed to supply water to residential apartments and hotels and for industry. Quiet-running.
 - Supplied with base plate in steel, pumps (Multi), valves and fittings. Discharge manifold in stainless steel AISI 304 (for multi-pump sets). 24 l pressure vessel and control panel.
 - **Q maximum:** 18,5 m³/h. **H maximum:** 80 mwc (maximum pressure). **Motor power:** from 1,1 kW to 2,2 kW. 50 Hz. Booster sets from 1 to 2 pumps according to needs. With inverter to control the speed of the pump. **Maximum liquid temperature:** 40°C.
- The hydraulic performance curves are for standard sets. Higher pressure and greater flows can be supplied on request.

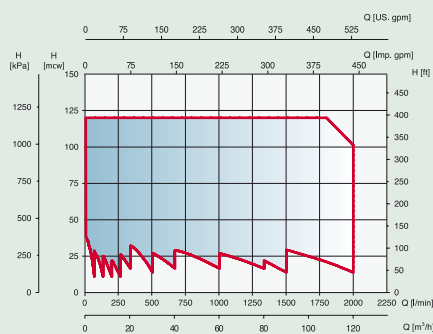
CK/CKD/CKT/CKC



- Constant pressure booster set with speed control. Designed to supply water to residential apartments, hotels, industry, hospitals, etc. Quiet running.
 - Supplied with base plate in steel, pumps (Multi/VE), valves and fittings. Discharge manifold in stainless steel AISI 304 (for multi-pump sets). 50 l pressure vessel and control panel with main switch.
 - **Q maximum:** 120 m³/h (standard pressure sets; higher pressure and greater flow available on request). **H maximum:** 120 mwc. **Motor power:** from 1,1 kW to 11 kW x pump. 50 Hz (on request). Booster sets from 1 to 4 pumps according to needs, speed control through inverter located in the control panel. Start of the pumps in tandem (SVA) with changeover system. **Maximum liquid temperature:** 40°C.
- The hydraulic performance curves are for standard sets. Higher pressure and greater flows can be supplied on request.

CKA

2...6/XVM



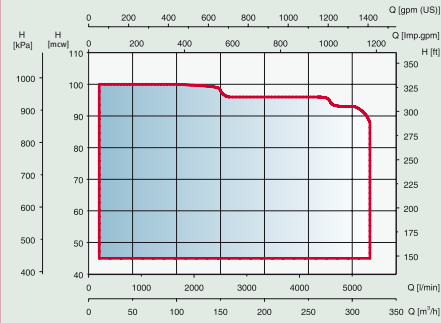
- Constant pressure booster set with speed control (1 pump). Booster sets from 2 to 6 pumps. With changeover system.
- Supplied with base plate in steel with Epoxy. Pumps in stainless steel AISI 304 (AISI 316 optional). Manifolds in stainless steel AISI 304. Valves and fittings in stainless steel/bronze.
- **Q maximum:** 240 m³/h. **H maximum:** 120 mwc. **Motor power:** from 1,1 kw to 30 kW x pump. Greater hydraulic performance available on request. Pump controller AUC 3400. Inverters assembled in the control panel. 1 inverter per pump. The unit can be remote controlled. Incorporates the friction lost in the installation to correct the pressure. With PID control. With ASPS (anti-surge protection system) for stability control. The hydraulic performance curves are for standard sets. Higher pressure and greater flows can be supplied on request.

Series / Pump type

Hydraulic performance range

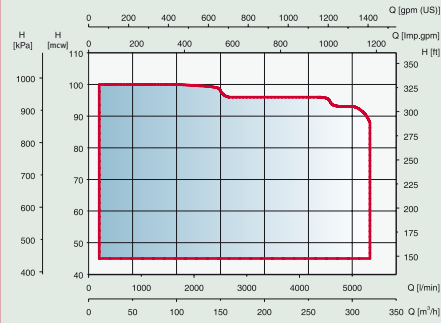
Applications / Materials / Technical features

UNE 23.500/2012



- Fire-fighting sets to supply water or hydrants.
 - Manufactured under UNE or RT2-ABA Cepreven.
 - **Q maximum:** 320 m³/h x pump (for greater capacity, please enquire).
H maximum: 85 mwc.
All sets supplied with Jockey, pump, main electric pump or diesel or combining both options according to requirements.
- The hydraulic performance curves are for standard sets. Higher pressure and greater flows can be supplied on request.

UNE-EN 12.845 and Cepreven



- Fire-fighting sets to supply water, hydrants or sprinklers.
 - Manufactured under UNE-EN or RT1 ROC Cepreven.
 - **Q maximum:** 320 m³/h x pump (for greater capacity, please enquire).
H maximum: 85 mwc.
All sets supplied with Jockey, pump, main electric pump or diesel or combining both options according to requirements.
- The hydraulic performance curves are for standard sets. Higher pressure and greater flows can be supplied on request.



WATER HARVESTING
WATER TREATMENT

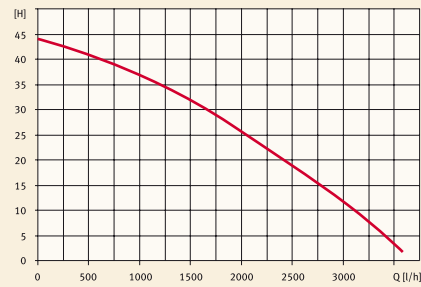


Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

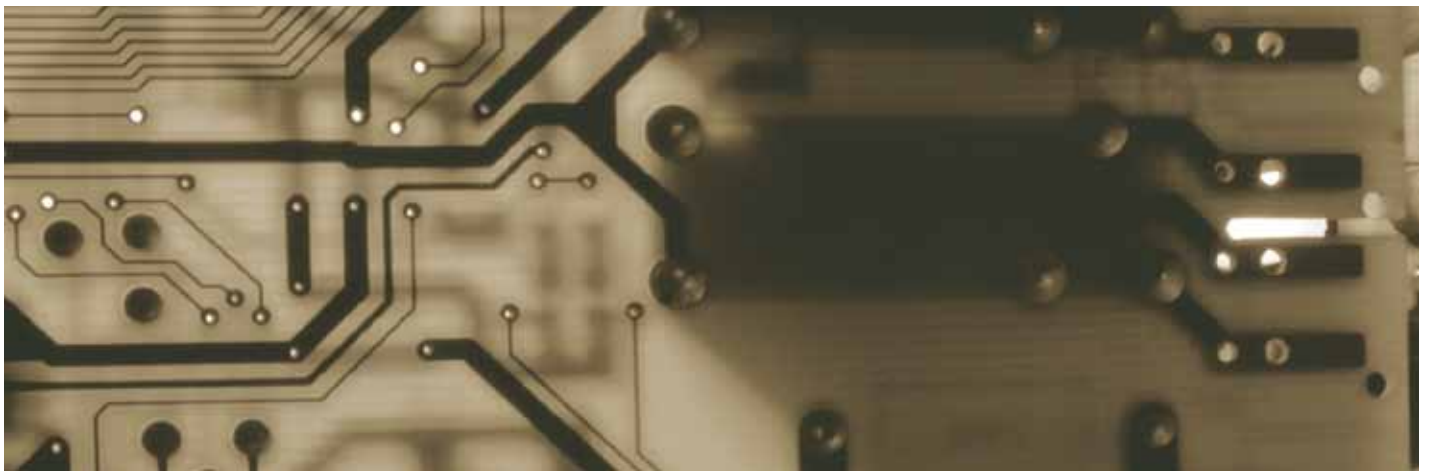
Eco-System



→ Compact unit designed to reuse the rainwater with brake tank, pump and automatic 3-way valve.

→ Pump model: Dorinoxmatic 4500 in stainless steel AISI 304.
PE tank with 11 l capacity.
Quick-stop mechanical float to control the water inlet.
3-way valve at 230 V AC.
Supplied with mechanical expansion vessel (kit press).

→ PE tank with 11 l capacity.
Dimensions 51 x 34 x 15 cm.
Pump model: Dorinoxmatic 4500 supplying 3 m³/h at a pressure of 2 bar.
Maximum pressure: 4,5 bar. Minimum flow: 58 l/min.
3-way valve at 230 V, AC model MC-V3R-25 3/8" water inlet.
Maximum liquid temperature: 40°C.



POOL FILTRATION

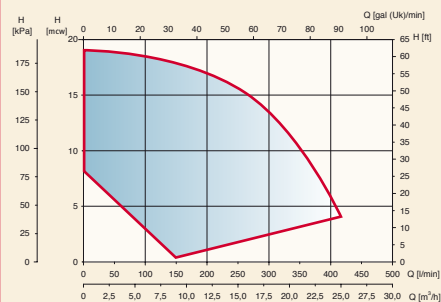
Series / Pump type

Hydraulic performance range

Applications / Materials / Technical features

Filterpak

Base/Plus



→ Complete filtration system for private swimming pools. Designed for efficiency, reliability and for easy installation and maintenance.

→ Injected and compact sand filters with high working pressure (series Plus) or with polyethylene blow mould system.
Pumps: See swimming pool pumps.

→ **Filtrations for swimming pools:** up to 128 m³/h.
Maximum liquid temperature: 40°C.





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