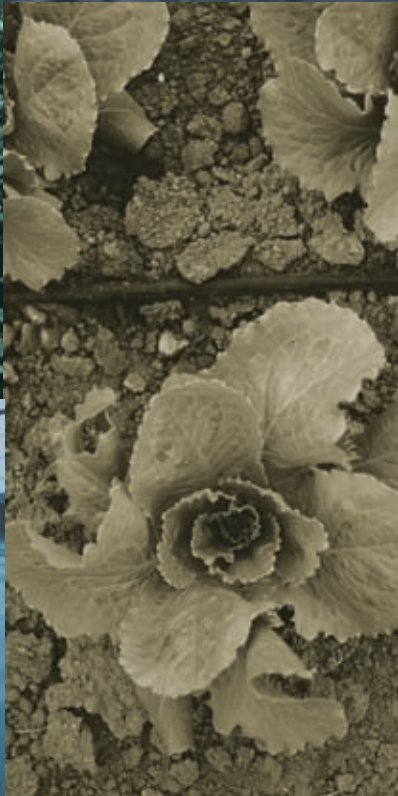
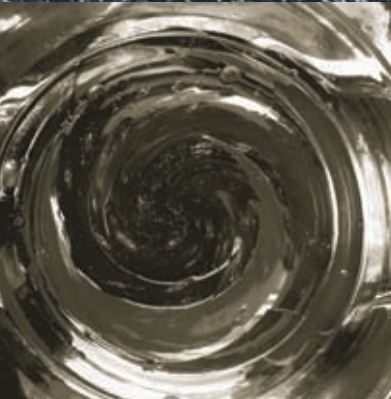
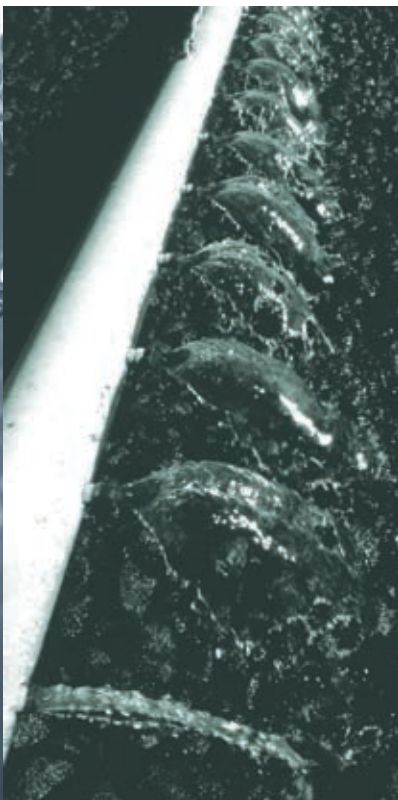


 ESPA PRODUCT PORTFOLIO





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 sectors with the different series of pumping equipment and systems.

We are motivated by our customers' satisfaction. For over 45 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.

The development of ESPA equipment is focused on guaranteeing the highest standards of efficiency through lighter more robust hydraulics; motors which reach the most demanding levels of performance; instrumentation, controls and handling equipment designed to ensure longer life cycles; improvements in operational and maintenance costs; ease of use; and the simple replacement of worn parts..

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 the precisely those aspects which enhance our business vision and provide value to our customers.





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Depcom Bio
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SUBMERSIBLES & DRAINAGE WATER SUPPLY & RECIRCULATION WATER HARVESTING & WATER TREATMENT

Sectors		CONSTRUCTION																										
		Applications																										
Typology	Series	Drainage	Effluent / Sewage	Rain water level control	Water industry	Garden irrigation	Water boosting	Fire fighting	Sanitary water	HVAC	Steam industry	Recycling	Fountains	Garden ponds	Rain water harvesting	Reverse osmosis	Aquatic	Wash down	Land scaping	Freatic level filtration	Swimming pool filtration	Counter current swimming	Pool cleaners	Pool technology	Whirlpool	Spa	Shower booster	
SUBMERSIBLES	Neptun FL/MS4					•							•															
	Acuaría					•							•		•					•								
	Saturn 4 FL					•							•			•												
	ES4					•							•				•											
	Saturn6/ES6					•							•															
	XS6/ES6X					•	•				•				•				•		•							
	XS8/ES8X					•							•															
	A4I					•								•														
	O4I					•								•														
A6							•			•				•				•			•							
E6W						•	•			•				•				•		•								
DRAINAGE	Vigila	•											•	•						•								
	Vigilex	•	•	•									•	•						•								
	Dox	•											•	•						•								
	Vigila SS	•	•										•	•														
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	DMX/DVX	•	•	•	•								•	•														
	Vigicor	•	•																									
	Drain	•			•									•	•													
	Drainex	•	•	•	•									•	•													
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	DCD/DCLC	•			•									•	•													
Clean	•																											
Drainbox	•	•	•																									
SURFACE HORIZONTAL	Prisma				•	•	•				•	•			•	•				•								
	Aspri				•	•	•				•	•			•	•				•								
	Tecno				•	•	•				•	•				•	•						•				•	
	Tecnoself				•	•	•				•	•			•	•				•			•				•	
	Delta				•	•	•				•	•				•	•			•							•	
	HX				•	•	•			•	•	•				•	•	•		•							•	
	H2X				•		•			•	•	•				•	•											
	HCO				•		•			•	•	•				•	•											
SURFACE VERTICAL	Multi				•	•	•	•							•	•			•									
	Press-Line VE				•	•	•	•							•	•			•									
	Multinox				•	•	•	•							•	•			•									
END SUCTION PUMP	XVM				•	•	•	•	•	•	•	•	•		•	•			•									
	EN				•	•	•	•	•	•	•	•	•		•	•												
	FN/FNS/FNF				•	•	•	•	•	•	•	•	•		•	•												
CIRCULATING PUMPS	XN/XNS/XNF				•	•	•	•	•	•	•	•	•		•													
	R...1/R...2								•	•	•	•																
SWIMMING POOL	FL/FL4								•	•	•	•																
	Basic/Niper																				•			•		•		
	Iris/Silen																				•			•		•		
	Silen2																				•			•		•		
	Blaumar				•																•			•		•		
	Star				•							•	•						•		•			•		•		
	Nadorself																				•	•		•		•		
WHIRLPOOL SPA	Multi																											
	Piscis																	•							•	•		
WATER BOOSTING SET	Tiper																							•		•		
	Wiper																							•		•		
	Kit				•	•	•																					
	Grupo 02/05				•	•																						
	Grupo 202/242/502				•	•																						
	Tecnopres				•		•				•										•						•	
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	Tecnotimer				•	•	•														•						•	
	Acuaplus				•	•																					•	
	Aquabox				•	•																					•	
	CP/CPD/CPT/CPC				•	•								•							•						•	
	CVS/CVD				•	•								•							•						•	
	Speedrive				•	•								•							•						•	
FIRE FIGHTING	CK/CKD/CKT/CKC				•	•							•								•						•	
	CKA				•	•							•								•						•	
	CKH				•	•							•								•						•	
RAIN WATER HARVESTING	UNE 23500/90 y RT2 ABA						•																					
	UNE-EN 12845 y RT1 ROC						•																					
POOL FILTRATION	Tecnomodul															•												
	Eco-System															•												
	Tacomat															•												
WATER TREATMENT	Rainleader															•												
	Filterpak																				•							
	Tekbox																				•	•		•				
	Esal																								•			
	Equal Complet																								•			
SHOWER BOOSTER	Depcom Pur																											
	Depcom Bio																											
	Depcom FQ																											

AGRICULTURE AND CATTLE							GENERAL PROCESS										SERVICES							MARINE		MINE DRAINING AND DREDGING					
Irrigation	Watering	Drip irrigation	Fertilizers	Hydroponic culture	Irrigation - spray	Cattle	Process washing	Heat transfer	Steam industry	Paper cellulose	Desalinisation	Abrasive liquids	Wash down	Filtration	OEM	Boiler feed	Water recirculation	Borehole	Potable water	Osmosis	Sewage transfer	Storm water flood control	Tank cleaning	Drainage	Sewage and water treatment plants	Site dewatering	Water boosting	Hydrotransport of solids	Dredging	General process	Mud transfer
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SUBMERSIBLES
DRAINAGE



Series

Pump type

Hydraulic performance range

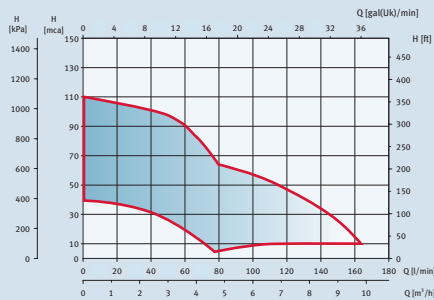
Applications

Materials

Technical features

For more information
www.espa.com

Neptun FL/MS4
60... 120



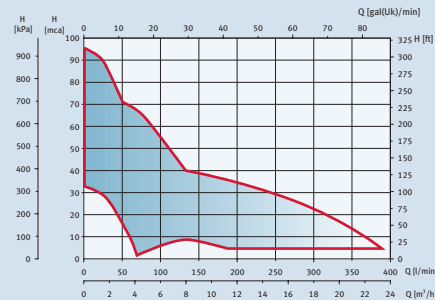
→ Irrigation, decanting and hydropneumatic sets.
Max. immersion level according to technical table, cod. 2240.

→ 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 mca.
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.

→ Neptun FL 60: TEC 2037
Neptun FL 100: TEC 2283
Neptun FL 120: TEC 22851

Acuaria
07... 57



→ Irrigation, decanting and hydropneumatic sets.
Max. immersion level according to technical table, cod. 2240.

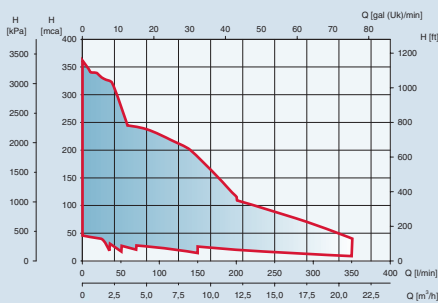
→ Outer casing, discharge body, impellers, filter and motor casing in stainless steel AISI 304.
Motor shaft and pump shaft in stainless steel AISI 303.
Diffusers in technopolymer.
Double mechanical seal in ceramic/graphite/NBR.
Foodgrade oil in sealed chamber.

→ **Q maximum:** 22 m³/h.
H maximum: 92 mca.
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 07/17/27 - 1" series 37/57 - 1 1/2".
Without non return valve
Forced water-cooled motor
Single-phase motors built-in thermal protector.

→ Acuaria 07: TEC 2014
Acuaria 17: TEC 2051
Acuaria 27: TEC 2052
Acuaria 37: TEC 2106
Acuaria 57: TEC 2054

Saturn4 FL

150... 1300



→ Agricultural and industrial installations, hydro-pneumatic sets and irrigation. Highly resistant to abrasion. They can operate with sand in suspension up to 185 gr/m³.

→ Outer casing, filter, shaft, discharge body, pump base and cable protection in stainless steel AISI 304. Floating impellers and diffusers in Noryl®. O-rings in NBR.

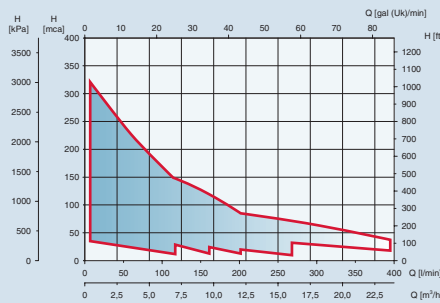
→ **Q maximum:** 21 m³/h.
H maximum: 350 mca.
Motor power: from 0,37 kW to 7,5 kW. 50 Hz.
Connection: models 4FL 150/250 and 350 G 1 1/4", the rest G 2".
 Motor NEMA coupling
 4" motor characteristics: see O4I and A4I specifications.
 Built-in non return valve

→ Saturn4 FL 150: TEC 2640
 Saturn4 FL 250: TEC 2339
 Saturn4 FL 350: TEC 2341

Saturn4 FL 700: TEC 2343
 Saturn4 FL 900: TEC 2345
 Saturn4 FL 1300: TEC 2539

ES4

1... 16



→ Water supply. Pressure boosting. Irrigation. Rain water collection. Fire-fighting. Mining industry. Golf courses. Groundwater level control.

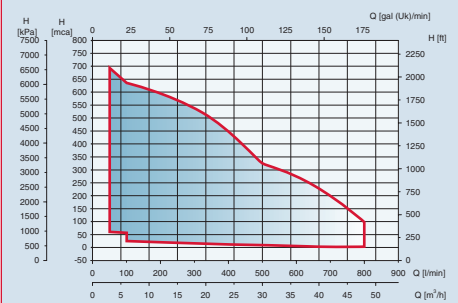
→ Outer casing, filter, shaft, discharge body, pump base, screws, non return valve and cable guard in stainless steel AISI 304
 Impellers and diffusers in tecnopolimere PC, friction bearings in compacted resin, o-rings in NBR

→ **Q maximum:** 24 m³/h.
H maximum: 305 mca.
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.

→ ES4: FLET 4007EN

Saturn6/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.

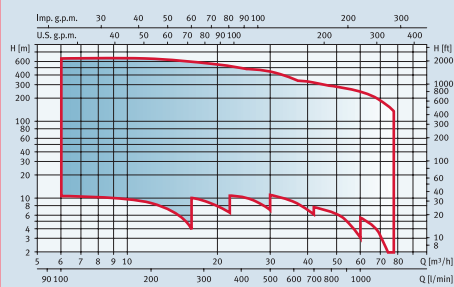
→ Outer casing, filter, cable protection, discharge body, diffuser spacer, shaft and pump base in stainless steel AISI 304.
 Impellers and diffusers in Noryl®.
 O-rings in NBR.
 Pump-motor support in stainless steel D2B, according to NEMA standards.

→ **Q maximum:** 66 m³/h.
H maximum: 693 mca.
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.

→ Saturn6 80: TEC 2347
 Saturn6 120: TEC 2349
 Saturn6 240: TEC 2351
 Saturn6 360: TEC 2353
 Saturn6 480: TEC 2355

XS6/ES6X

12... 60

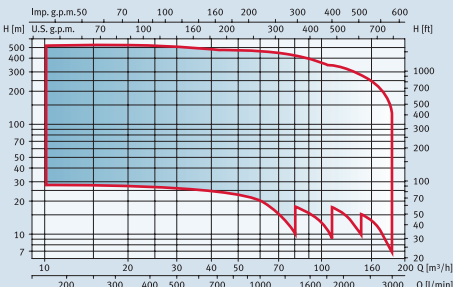


- Agricultural and industrial installations, pressure sets, Fire-safety equipment and irrigation. They can operate with sand in suspension up to 100 gr/m³.
- Outer casing, filter, cable protection, discharge body, diffuser, spacer, impeller, shaft and pump base in stainless steel AISI 304.
"N" Version in stainless steel 316.
O-rings in EPDM.
- **Q maximum:** 78 m³/h.
H maximum: 701 mca.
Motor power: from 2,2 kW to 55 kW, 50 Hz.
Connection: standard version Rp 2 ½" series 12 (1-39 stages), 16 (1-36 stages) and 22 (1-33 stages). Rp 3" series 12 (40-60 stages), 16 (37-56 stages), 22 (34-50 stages), 31 and 46 (1-25 stages) and 60 (1-21 stages). Rp 4" series 46 (26-37 stages) and 60 (22-32 stages).
Motor NEMA coupling.
4" motor characteristics: see O4I and A4I specifications.
6" motor characteristics: see E6W and A6 specifications.
8" motor characteristics: see CP8W specifications.
Built-in non return valve.

→ XS6: FLET 4004EN

XS8/ES8X

55... 125

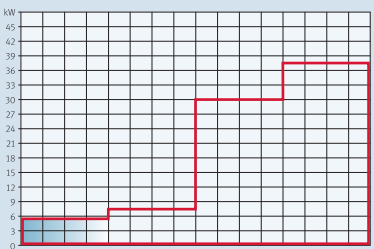


- Multi-stage centrifugal submersible pumps for clean water in 8" wells. Made of AISI 304 or DUPLEX stainless steel. Agricultural and industrial installations, pressure sets, Fire-safety equipment and irrigation. They can operate with sand in suspension up to 100 gr/m³.
- Outer casing, filter, cable protection, discharge body, diffuser, impeller and shaft in duplex pump base in stainless steel AISI 304.
Friction bearings in EPDM and PTFE +25% Carbon.
Internal rings in POM
- **Q maximum:** 180 m³/h.
H maximum: 538 mca.
Motor power: from 7,5 kW to 150 kW, 50 Hz.
Connection: 5", NEMA coupling
Diffusers with dynamic ring system designed for high hydraulic efficiency.
6" motor characteristics: see E6W and A6 specifications
8" motor characteristics: see CP8W specifications.
Built-in non return valve

→ XS8: FLET 4005EN

A4I

50... 750

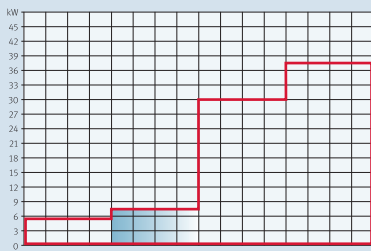


- For borehole 4" submersible pumps with NEMA coupling.
- Inner and outer case and shaft in stainless steel AISI 304.
Double radial bearing in graphite.
Axial bearings in stainless steel AISI 304.
Upper and lower mountings in cast iron and nickel-plated cover.
- **Maximum water temperature:** 40°C
Maximum 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

→ A4I: TEC 2312

O4I

50... 1000



→ Submersible motors of 4" (100 mm) diameter according to NEMA standard, with oil-cooled motor.

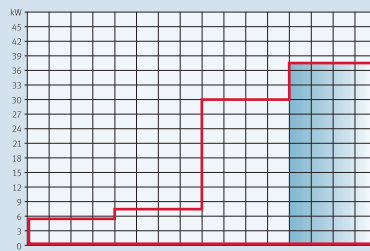
→ Inner and outer case in stainless steel AISI 304.
Shaft in stainless steel AISI 303.
Double radial bearing in graphite.
Axial bearings in stainless steel AISI 304.
Upper and lower mountings in cast iron and nickel-plated cover.

→ **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.

→ O4I: TEC 2384

A6

550... 4000



→ For assembly with 6" submersible pumps, with coupling system as per Nema standard.

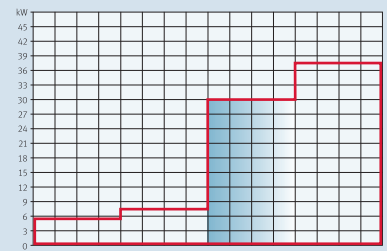
→ Case in stainless steel AISI 304.
Shaft in stainless steel AISI 420.
Double radial bearing in graphite.
Upper and lower mountings in cast iron GG22.
Gaskets in NBR.

→ **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 trough 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

→ A6: TEC 6044

E6W

40... 370



→ 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
trough 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

→ E6W: TEC 6015

Series

Pump type

Hydraulic performance range

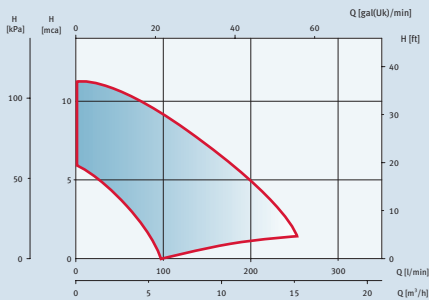
Applications

Materials

Technical features

For more information
www.espa.com

Vigila
100... 500



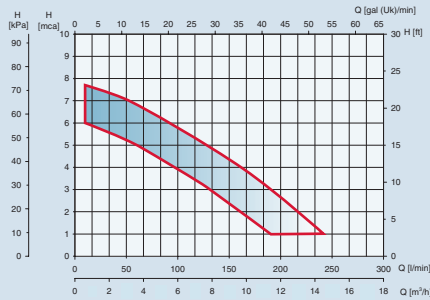
→ Portable submersible pumps of reduced size and weight. Drainage of clear water, decorative fountains, etc.

→ 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 mca.
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.

→ Vigila: TEC 2038

Vigilex
300/600



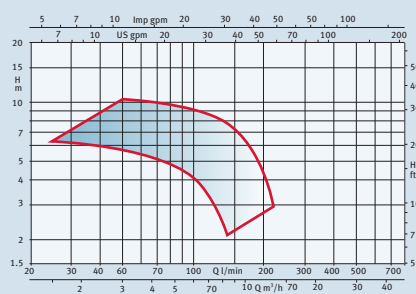
→ Submersible pumps, Vortex system for sewage water. Drainage of sewage and dirty water, in domestic installations, operation in septic tanks and small purifying installations.

→ 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 mca.
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

→ Vigilex: TEC 2530

Dox 25/55



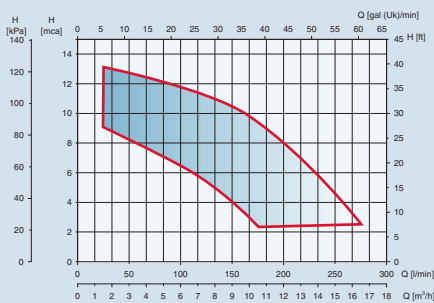
→ Submersible pumps designed to drain infiltration waters, rain water and empty tanks.

→ Pump body, suction grid, handle, upper support and impeller in Noryl; sleeve and screws in stainless steel AISI 304, o-rings in NBR

→ **Q maximum:** 13,5 m³/h.
H maximum: 11,8 mca.
Motor power: from 0,25 kW to 0,55 kW. 50 Hz. IP68.
Voltage: single-phase 1 x 230 V. 50 Hz. IP68.
Maximum liquid temperature: 30°C maximum.
Connection: 1 1/4" H.
Version A: with float switch
 Single-phase motor built-in thermal protector
 Designed for intermittent operations.
Maximum solids handling: 10 mm

→ DOX: TEC 6045

Vigila SS 750... 1250



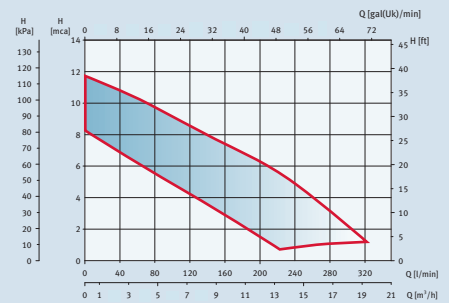
→ Portable submersible pumps for the drainage of water without solids in suspension. Drainage of infiltration water, empty swimming-pools, operation in decorative fountains and waterfalls.

→ 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/alumina oxide. O-rings in NBR.

→ **Q maximum:** 16,5 m³/h.
H maximum: 13,2 mca.
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.

→ Vigila SS: TEC 2363

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.

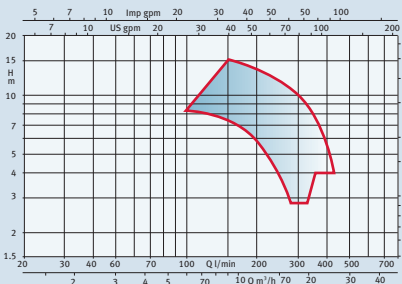
→ With impeller in glass-loaded polypropylene with brass inserts. Discharge body, pump casing and motor casing in stainless steel AISI 304. Pump base, volute and volute cover in glass-loaded polypropylene. O-rings in NBR and mechanical seal in silicon carbide/alumina oxide.

→ **Q maximum:** 19,2 m³/h.
H maximum: 11,1 mca.
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.

→ Vigilex SS: TEC 2386

DWX

55... 150



→ Draining of cellars, garages, basements.
Draining of construction sites. Emptying of tanks and reservoirs. Lawn and garden irrigation. Fountains.
Pumping of domestic wastewater (washing machines, showers, sinks). Emptying of tanks in industrial and ecological applications. Water display, fountains.

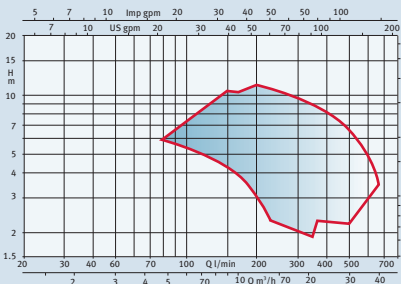
→ Pump body, motor casing, outer sleeve, impeller, shaft extension, suction screen and nuts and bolts in stainless steel AISI 304. Front diffuser plate in stainless steel AISI 304 and coated with polyurethane elastomer. Mechanical seal in silicon carbide. Upper lip seal and elastomers in nitrile rubber. Handle in stainless steel and coated with polyacetal resins.

→ **Q maximum:** 24 m³/h.
H maximum: 19,5 mca.
Motor power: from 0,55 kW to 1,5 kW. 50 Hz. IP68.
Voltage: single-phase 1 x 230 V, three-phase 3 x 400 V.
Maximum liquid temperature: 50°C (with the pump completely submerged).
Connection: 1 1/2".
Version A: with float switch
Maximum solids handling: 8 mm
Forced cooling through the discharge water.
Single-phase motor built-in thermal protector

→ DWX: TEC 6046

DMX/DVX

55... 150



→ Pumping of effluent.
Emptying of septic tanks and residential sumps.
Draining of flooded basements and garages.
Water display, fountains.

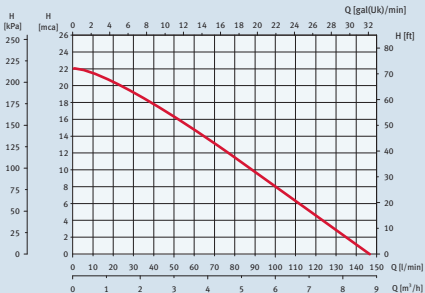
→ Pump body, shaft extension and motor casing in stainless steel AISI 304. Mechanical seal in silicon carbide. Upper lip seal in nitrile rubber. Handle in nylon.
Impeller: DMX 55 and DVX 55 in fibreglass-reinforced nylon.
DMX 75, 110, 150 and DVX 75, 110, 150 in stainless steel AISI 304.

→ **Q maximum:** 42 m³/h (DMX), 30 m³/h (DVX).
H maximum: 13,7 mca (DMX), 10,9 mca (DVX).
Motor power: from 0,45 - 1,5 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: series 55 1 1/2", all others 2"
Version A: with float switch
Impeller series DMM: Single-channel
Impeller series DVX: Vortex
Maximum solids handling DMX, DVX: 35 mm, tall others 50 mm.
Single-phase motor built-in thermal protector.

→ DMX/DVX: TEC 6047

Vigicor

150



→ Submersible grinder pumps, for sewage water, with filaments. Drainage of sewage and dirty water, operation in septic tanks and small purifying installations.

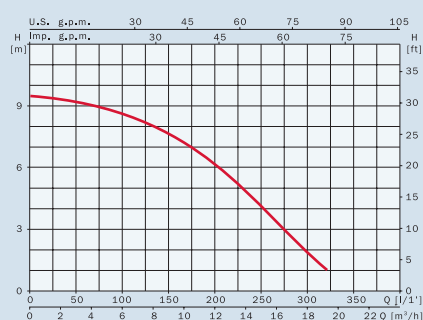
→ Discharge cover, pump casing and motor casing in stainless steel AISI 304. Impeller in technopolymer. Blade in stainless microfusion.
Pump base in cast iron and stainless steel AISI 304. Volute in cast iron. Motor shaft in stainless steel AISI 420. Mechanical seal in alumine oxide and silicon carbide. O-rings in NBR.

→ **Q maximum:** 9,6 m³/h.
H maximum: 21 mca.
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

→ Vigicor: TEC 2524

Drain

100



→ Submersible pumps for the drainage of water without solids in suspension. Drainage of infiltration water, empty swimming-pools, decorative fountains and waterfalls.

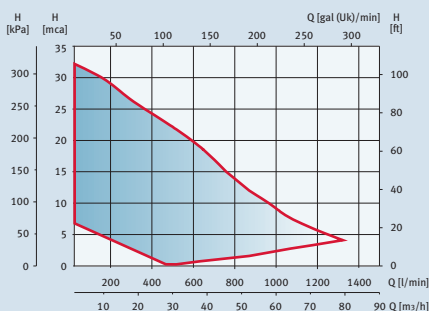
→ Discharge body and upper mounting in cast iron. Impeller in technopolymer. Double mechanical seal in ceramic/graphite/NBR. Filter in rigid plastic. Motor housing and transport handle in stainless steel AISI 304.

→ **Q maximum:** 18 m³/h.
H maximum: 9,2 mca.
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

→ Drain: TEC 2063

Drainex

100... 600



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

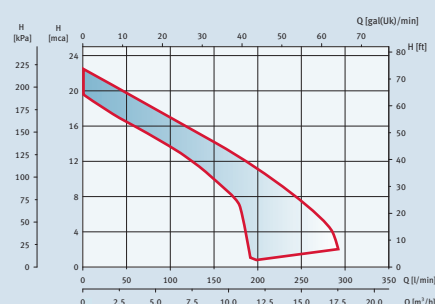
→ Pump body in cast iron. Double mechanical seal in silicon carbide/silicon carbide and graphite/aluminum oxide + lip seal. Screws in stainless steel 304. O-rings in NBR.

→ **Q maximum:** 78 m³/h.
H maximum: 30 mca.
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

→ Drainex 100: TEC 2065
 Drainex 200: TEC 2316
 Drainex 300: TEC 2318
 Drainex 400: TEC 6009 ES
 Drainex 500: TEC 6010 ES
 Drainex 600: TEC 6011 ES
 Drainex: FLET 3011 EN

Draincor

180/200



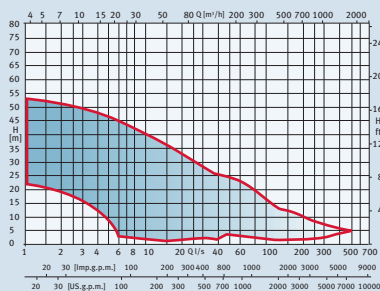
→ Submersible grinder pumps, for sewage water, with filaments. Drainage of sewage and dirty water, operation in septic tanks and small purifying installations.

→ 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 mca.
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
 Elbow 90° included. Stationary kit optional.

→ Draincor: TEC 2324

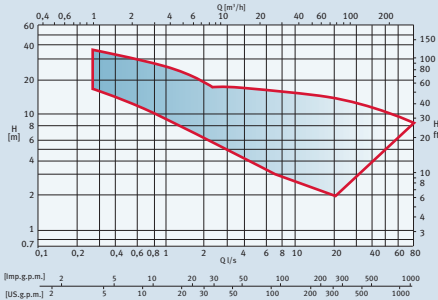
DCT/DCM/DCB/DCV
20... 350



- Submersible pumps for sewage, septic tanks, industrial uses, agricultural, construction, water infiltrations, water treatment, etc.
- Manufactured in cast iron GG25, high efficiency impellers, double mechanical seal in silicon/carbide – ceramic and graphite – steatite.
- **Q maximum:** 1980 m³/h.
H maximum: 52 mca.
Motor power: from 1,1 to 62 kW.
2900/1450/950/735 rpm.
Voltage: three-phase 3 x 400 V. IP68.
Maximum liquid temperature: 40°C.
Impellers: Vortex, Grinder, Single and twin-channel.
Connection: from DN40 to DN 250.
Maximum solids handling: From 40 to 164 mm
Accessories: Stationary kit and transportable kit

→ DCT/DCM/DCV/DCB

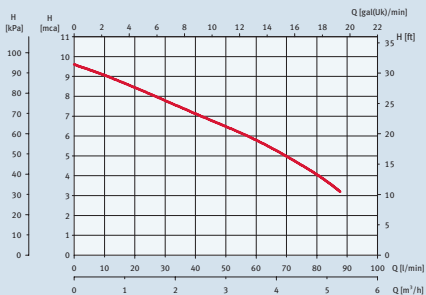
DCD/DCLD
15... 150



- Submersible pumps for drainage, water infiltrations, digging, civil works and construction.
- Manufactured in stainless steel and aluminium, double mechanical seal and non abrasive materials.
- **Q maximum:** 288 m³/h.
H maximum: 36 mca.
Motor power: from 1,5 to 22 kW. 50 Hz. 2900 rpm.
Voltage: three-phase 400 V. IP68.
Maximum liquid temperature: 40°C.
Connection: for flexible pipe of 64 mm

→ DCD/DCLD

Clean
WG/WGS/G

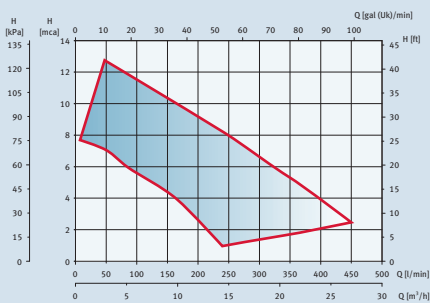


- Domestic lifting station for sewage and grey waters.
- The main components are made of plastic materials that are compatible with use for sewage water. The grinding system is hardened stainless steel.
- **Q maximum:** 5,4 m³/h.
H maximum: 9 mca.
Motor power: from 0,37 kW. 50 Hz.
Voltage: single-phase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

→ Clean: FLET 2135 EN

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 X2
H maximum: 12,7 mca.
Motor power: from 0,6 to 1,1 kW, 50 Hz. IP68.
Maximum liquid temperature: 40°C.
Connection: 63 mm.
Maximum solids handling: 45mm (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.

→ Drainbox: FLET 2133 EN







WATER SUPPLY RECIRCULATION

Series

Pump type

Hydraulic
performance range

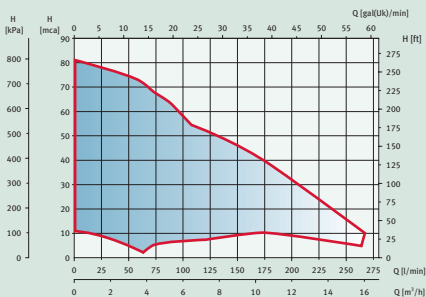
Applications

Materials

Technical features

For more
information
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Prisma
15... 45N



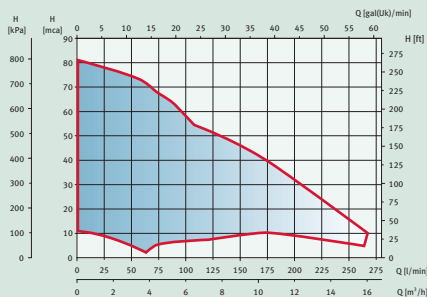
→ Quiet-running horizontal multi-stage centrifugal pumps. Self-priming up to 2 m. For domestic and industrial supplies. Irrigation and hydropneumatic sets.

→ 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. O-rings in EPDM and NBR. Motor housing in aluminium.

→ **Q maximum:** 15 m³/h.
H maximum: 81 mca.
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.

→ Prisma 15: TEC 2119
Prisma 25: TEC 2067
Prisma 35N: TEC 2322
Prisma 45N: TEC 2390

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.

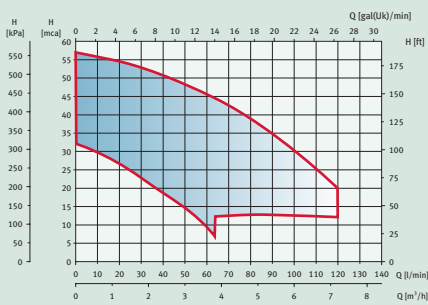
→ Pump body and impellers in stainless steel AISI 304. Motor shaft in stainless steel AISI 420. Diffusers in technopolymer. Suction and discharge mountings in cast iron. Mechanical seal in graphite and alumine oxyde. O-rings in EPDM and NBR. Motor housing in aluminium.

→ **Q maximum:** 15 m³/h.
H maximum: 81 mca.
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: TEC 2073
Aspri 25: TEC 20734
Aspri 35N: TEC 2320
Aspri 45N: TEC 2420

Tecno

05... 25



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

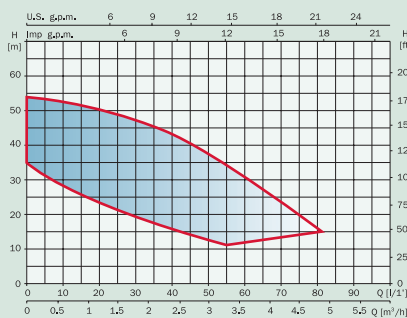
→ Pump body and impellers in stainless steel AISI-304. Motor shaft in stainless steel AISI-420. Diffusers in technopolymer. Mechanical seal in graphite and steatite. O-rings in EPDM/NBR. Motor housing in aluminium.

→ **Q maximum:** 7,2 m³/h.
H maximum: 56 mca.
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.

→ Tecno 05: TEC 2369
 Tecno 15: TEC 2421
 Tecno 25: TEC 2423

Tecnoself

15/25



→ Quiet-running horizontal multi-stage centrifugal pumps, with self-priming valve resistant to impurities. Self-priming up to 9 m. For clean water in domestic applications, irrigation, and pressure sets.

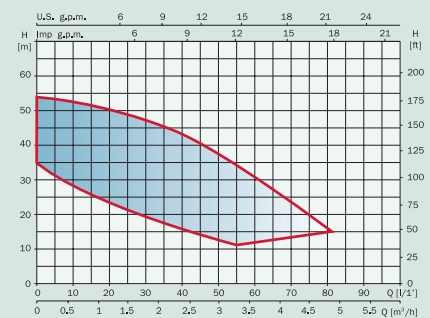
→ Pump body and impellers in stainless steel AISI-304. Motor shaft in stainless steel AISI-420. Diffusers in technopolymer. Mechanical seal in graphite and steatite. O-rings in EPDM/NBR. Motor housing in aluminium.

→ **Q maximum:** 7,2 m³/h.
H maximum: 56 mca.
Motor power: from 0,55 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.

→ Tecnoself 15: TEC 2429
 Tecnoself 25: TEC 2431

Delta

505... 1755



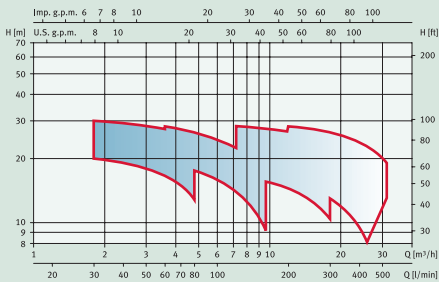
→ For clean water. Irrigation and hydropneumatic sets.

→ Pump body in stainless steel AISI 304. Motor shaft in stainless steel AISI 420. Diffusers in glass-loaded Noryl®. 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 Noryl®. Delta 1755: Impeller in stainless steel AISI 304.

→ **Q maximum:** 4,5 m³/h.
H maximum: 57 mca.
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.

→ Delta: TEC 2255

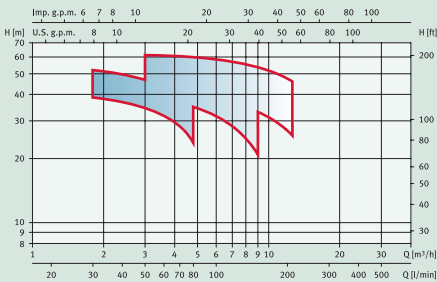
HX
70... 370



- Centrifugal pumps manufactured in stainless steel AISI 304 (AISI 316 optional). For industrial application, wash down, recirculation, ferti-irrigation, water treatment.
- Pump body, impellers, diffusers and shaft in stainless steel AISI 304, (AISI 316 optional), o-rings in NBR, mechanical seal in graphite and alumine oxide. Under requirement: special mechanical seals.
- **Q maximum:** 30 m³/h.
H maximum: 31 mca.
Motor power: from 0,37 kW to 3 kW. 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP55. 2900 rpm.
Connection:
70/80/120 suction port 1 ¼", discharge 1"
210 suction port 1 ½", discharge 1 ¼"
370 suction port 2", discharge 1 ¼"
Liquid temperature: de -10°C a 85°C,
Pressure up to 8 bar.
Single-phase motor built-in thermal protector.

→ HX: FLET 4008EN

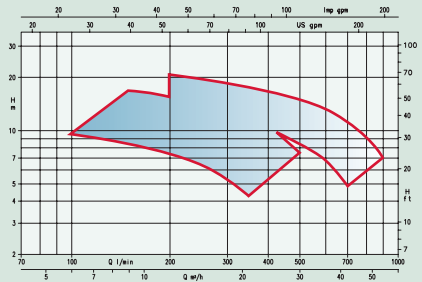
H2X
70... 200



- Multi-stage centrifugal pumps manufactured in stainless steel AISI 304 (AISI 316 optional) For industrial application, wash down, recirculation, ferti-irrigation, water treatment.
- Pump body, impellers, diffusers and shaft in stainless steel AISI 304, (AISI 316 optional), o-rings in NBR, mechanical seal in graphite and alumine oxide. Under requirement: special mechanical seals.
- **Q maximum:** 12 m³/h.
H maximum: 61 mca.
Motor power: from 0,75 kW to 3 kW. 50 Hz.
Voltage: single-phase 230 V, three-phase 230/400 V. IP55. 2900 rpm.
Connection:
70/120 suction port 1 ¼", discharge 1"
210 suction port 1 ½", discharge 1"
Liquid temperature: de -10°C a 85°C,
Pressure up to 8 bar.
Single-phase motor built-in thermal protector.

→ H2X: FLET 4008EN

HCO
350/500



- Centrifugal pumps manufactured in stainless steel AISI 304 (AISI 316 optional). For industrial application, filtration, wash down, recirculation, ferti-irrigation, water treatment.
- Pump body, impellers, diffusers and shaft in stainless steel AISI 316, o-rings in FPM, mechanical seal in graphite and alumine oxide. Under requirement: special mechanical seals.
- **Q maximum:** 54 m³/h.
H maximum: 22,5 mca.
Motor power: from 0,37 kW to 3 kW. 50 Hz.
Voltage: single-phase 230 V, three-phase 230/400 V. IP55. 2900 rpm.
Connection:
350 suction port 1 ½", discharge 1 ¼"
500 suction port 2", discharge 1 ½"
Liquid temperature: de -1°C a 110°C,
Pressure up to 8 bar.
Open impeller with solids handling 350 series of 11 mm, series 500, 20 mm.
Single-phase motor built-in thermal protector.

→ HCO: FLET 4008EN

Series

Pump type

Hydraulic
performance range

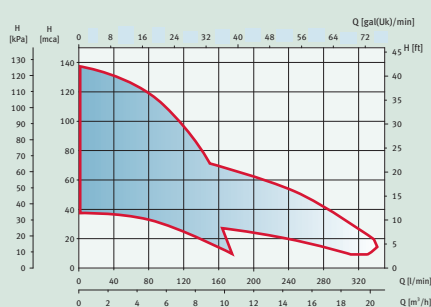
Applications

Materials

Technical features

For more
information
www.espa.com

Multi 25... 55N



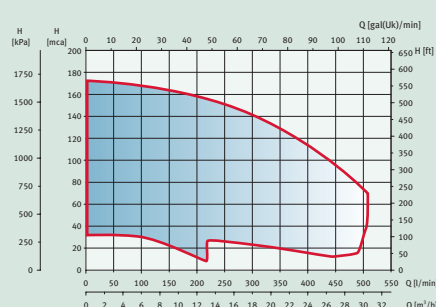
→ Quiet-running vertical multi-stage centrifugal pumps, supplied with flanges. Spray irrigation systems, hydropneumatic sets and industrial installations.

→ 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 mca.
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 35N: TEC 2077
Multi 55N: TEC 2078

Press-Line VE 94/121



→ Quiet-running vertical IN-LINE multi-stage centrifugal pumps. Spray irrigation systems and hydropneumatic sets.

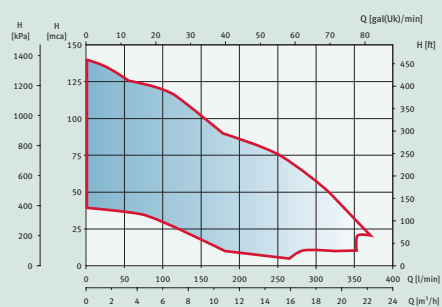
→ Pump shaft and impellers in stainless steel AISI 304. Pump body and protection grid in stainless steel AISI 304. Suction body, discharge body and motor-pump coupling in cast iron. Diffusers in technopolymer. Motor housing in aluminium.

→ **Q maximum:** 30 m³/h.
H maximum: 170 mca.
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 to 40°C

→ VE 94: TEC 2079
VE 121: TEC 2080

Multinox

35... 55



→ Quiet-running monobloc vertical multi-stage centrifugal pumps, supplied with flanges. Spray irrigation systems and hydropneumatic sets in domestic installations.

→ Outer casing, impellers and seal mounting in stainless steel AISI 304. Motor shaft in stainless steel AISI 303. Diffusers in technopolymer. Flanges, suction and discharge mountings in stainless steel AISI 304. Mechanical seal in graphite/silicon carbide. Motor housing in aluminium. O-rings in NBR/EPDM.

→ **Q maximum:** 21 m³/h.

H maximum: 135 mca.

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

Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V. IP44. 2900 rpm.

Connection: Counter flanges not included.

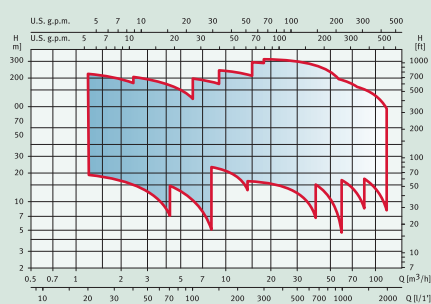
Series 35 and 45 with oval flange 1 1/2" PN 6 DIN 2528 up to 6 stages, round flange PN 16 EN 1092-2 for all others. Series 55 with round flange of 2" PN 16 EN 1092-2

Liquid temperature: from -5°C to 40°C.

→ Multinox 35: TEC 2394
Multinox 45: TEC 2395
Multinox 55: TEC 2396
Multinox: FLET 2139EN

XVM

2... 92



→ Water distribution, irrigation. Heating, ventilation. Pressure boosting, industrial washing equipment. Cooling, chilling. Water treatment, filtration systems. Auxiliary equipment, fire-fighting, equipment, general industry.

→ Series 2/4/8/16 all metals in contact with water in stainless steel AISI 304 (F,T,R), in stainless steel AISI 316 (N,V,C). Mechanical seal in graphite and alumine oxide, o-rings in EPDM.

Series 33, 46, 66 and 92 with all metals in contact with water with stainless steel AISI 316, base plate in grey cast iron GG35 for version F, for version N in full stainless steel AISI 316. Mechanical seal in graphite and silicon/carbide, o-rings in EPDM.

WRAS approved materials

→ **Q maximum:** 120 m³/h.

H maximum: 316 mca.

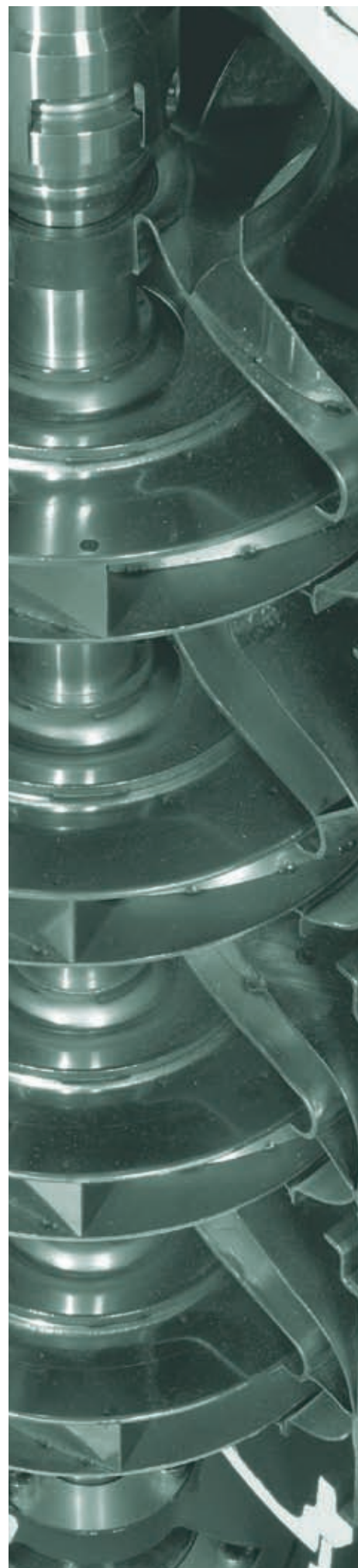
Motor power: from 0,37 kW to 45 kW. 50 Hz.

Voltage: single-phase 1 x 230 V, three-phase 3 x 230/400 V - 3 x 400/692 V. IP55. 2900 rpm.

Connection: XVM2: 1", XVM4: 1 1/4", XVM8: 1 1/2", XVM16: 2", XVM33: DN65, XVM46: DN80, XVM66: DN100, XVM92: DN100.

Liquid temperature: from -30°C to 120°C.

→ XVM: FLET 4001EN



Series

Pump type

Hydraulic
performance range

Applications

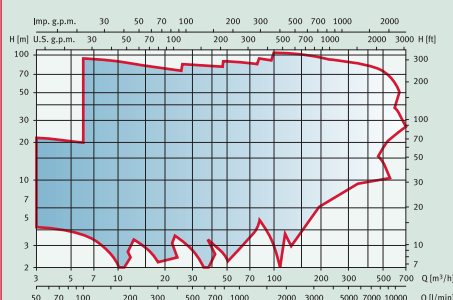
Materials

Technical features

For more
information
www.espa.com

EN

32... 80



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

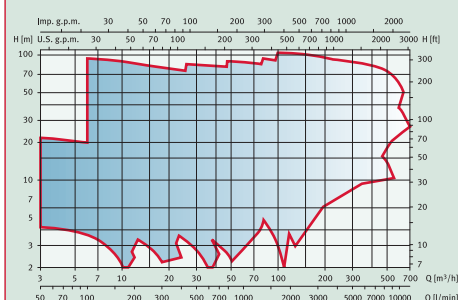
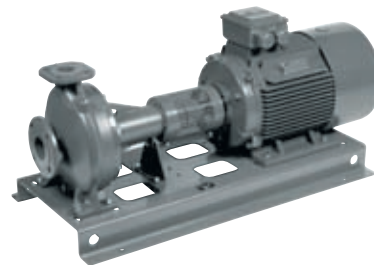
→ Pump body and impellers cast iron GG20
Motor shaft in stainless steel AISI 420.
Mechanical seal in graphite and ceramic.

→ **Q maximum:** 210 m³/h.
H maximum: 92 mca.
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 EN733.
Liquid temperature: from -10°C to 90°C,
Pressure up to 10 bar.

→ EN: FLET 6003

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.

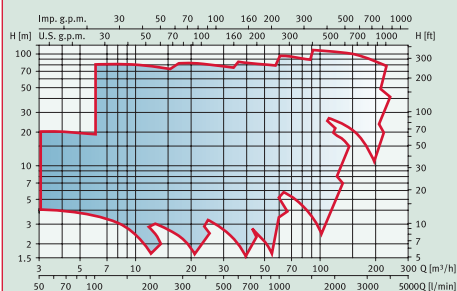
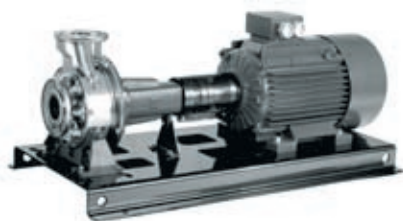
→ Pump body and motor coupling in GG20/GG25, impeller in stainless steel AISI 316 up to 65-125, the rest in cast iron GG25, shaft in stainless steel AISI 420. Mechanical seal in graphite and alumine oxide, o-rings in NBR, (larger models, the mechanical seal in silicon/carbide – graphite and gaskets in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

→ **Q maximum:** 650 m³/h.
H maximum: 93 mca.
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 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

→ FN/FNS/FNF: FLET 4003EN

XN/XNS/XNF

32... 80



→ Single-stage centrifugal pump in stainless steel AISI 316L, in compliance with EN733. Designed for the pumping of liquids. For use in agricultural, industrial and household applications.

→ Pump body, seal mounting, impeller in stainless steel AISI 316L, 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 316L. Special mechanical seals available on request.

→ **Q maximum:** 228 m³/h.

H maximum: 111 mca.

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 EN733.

Liquid temperature: de -10°C from to 110°C,

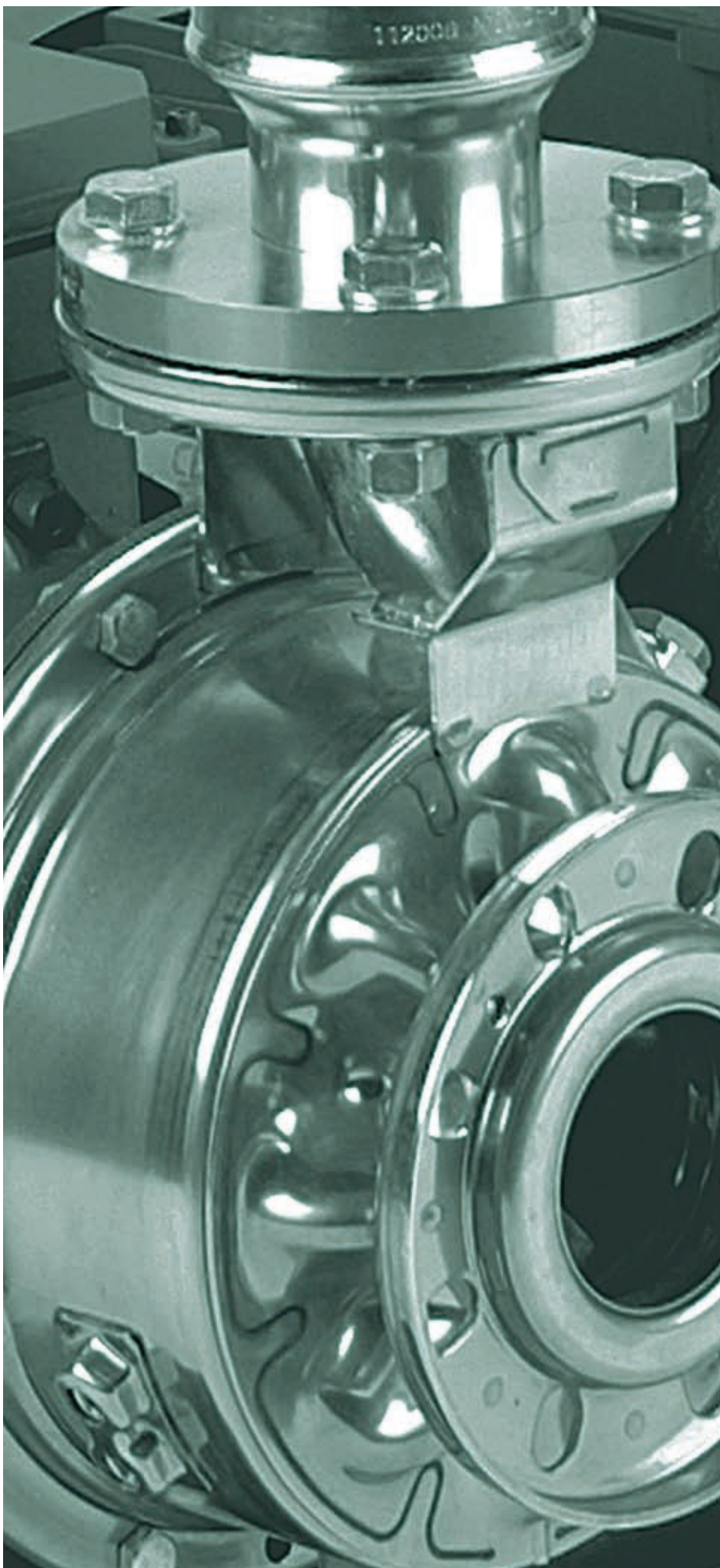
Pressure up to 12 bar

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

XNS: stub shaft and standard motor coupling.

XNF: Flexible coupling and standard motor coupling.

→ XN/XNS/XNF: FLET 4002EN



Series

Pump type

Hydraulic
performance range

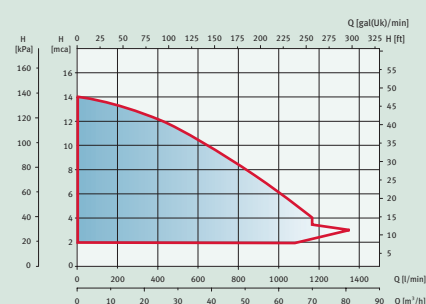
Applications

Materials

Technical features

For more
information
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R...1/R...2 A...SAN



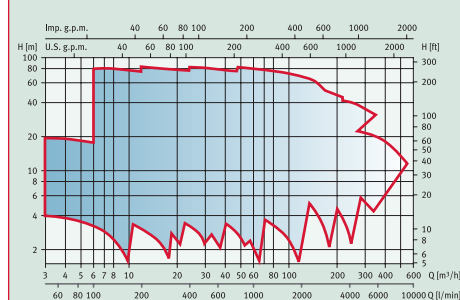
→ Single-stage centrifugal pump compliant with EN 733, designed for agricultural applications, industrial and residential.

→ Pump body and motor coupling in GG20/GG25, (RSAN in bronze) 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, (larger models, the mechanical seal in silicon/carbide - graphite and gaskets in EPDM. Available with special mechanical seals.

→ **Q maximum:** 80 m³/h.
H maximum: 14 mca.
Motor power: from 25 W to 2,5 kW, 50 Hz.
Voltage: single-phase 1 x 230 V, three-phase 3 x 400/692 V. IP53. 2800/1450 rpm.
Connection: depending on pump type.
Liquid temperature: from -10°C to 120°C.

→ R2/B/C/D/S/T/X—R4/C/T

FL/FL4 40... 150



→ Water supply. Heating, ventilation. Cooling and chilling. General industry. Heat recovery, auxiliary equipment.

→ Pump body and motor coupling in GG 35, impeller in stainless steel AISI 316 up to 80-160, the rest in cast iron GG25/GG35, shaft in stainless steel AISI 316. Mechanical seal in graphite and silicon/carbide, o-rings in EPDM

→ **Q maximum:** 330 m³/h.
H maximum: 81 mca.
Motor power: from 0,75 kW to 22 kW, 50 Hz.
Voltage: three-phase 3 x 400/692 V, 3 x 230/400 V. IP55. 2900 rpm/1450 rpm.
Connection: compliant with EN1092-2.
Liquid temperature: from -20°C to 140°C,
Pressure up to 12 bar
FL: close coupled motor
FLS: stub shaft and standard motor coupling.
FLF: flexible coupling and standard motor coupling.

→ FL/FLS/FLD/FLSD: FLET 4006EN
FL4/FLS4/FLD4/FLSD4: FLET 4006EN

Series

Pump type

Hydraulic performance range

Applications

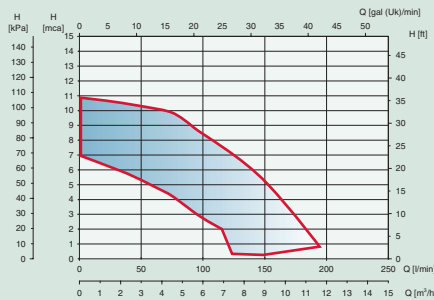
Materials

Technical features

For more information
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Basic/Niper

Basic/Niper1/Niper2



→ Recycling of water from small transportable pools.

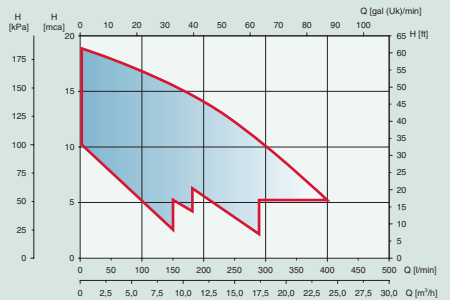
→ Pump body, seal mounting, impeller and pump foot in technopolymer.
Motor shaft in stainless steel AISI 420.
Mechanical seal in graphite and alumine.
Motor housing in aluminium.
Niper: diffuser in technopolymer.

→ **Q maximum:** 12 m³/h.
H maximum: 10,5 mca.
Motor power: from 0,15 kW to 0,24 kW. 50 Hz.
Voltage: single-phase 1 x 230 V. IP55. 2900 rpm.
Connection:
BASIC: with suction and discharge connections for flexible pipe of 32 and 38 mm diameter.
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.

→ Basic: TEC 2236
Niper: TEC 2215

Iris/Silen

30...1000



→ Recycling and filtering of water from small and medium-sized swimming pools.

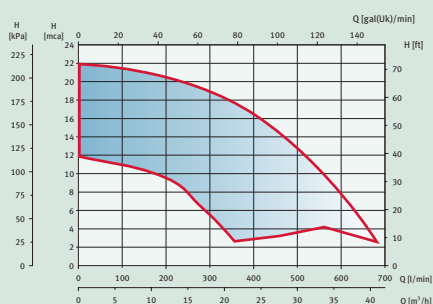
→ Pump body, pump foot, impeller, seal mounting and diffuser in technopolymer.
Motor shaft in stainless steel AISI 420.
Mechanical seal in graphite and alumine.
Motor housing in aluminium.
Silen: O-rings in NBR.

→ **Q maximum:** 24 m³/h.
H maximum: 18,6 mca.
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

→ Iris: TEC 2227
Silen: TEC 2224

Silen2

50... 300



→ Quiet-running single-stage self-priming, centrifugal pumps, complete with pre-filter. Recycling and filtering of large pools.

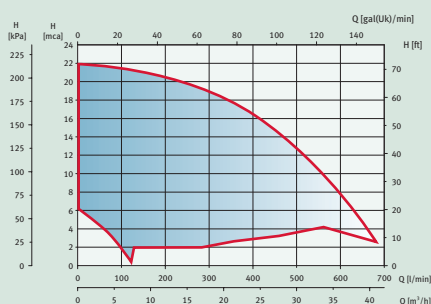
→ Pump body, pump foot, diffuser, impeller and seal mounting in technopolymer.
Motor shaft in stainless steel AISI 420.
Mechanical seal in graphite and alumine.
Motor housing in aluminium.
O-rings in NBR.

→ **Q maximum:** 39 m³/h.
H maximum: 21,5 mca.
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 2: TEC 2398

Blaumar

I1/S1/S2



→ Self-priming centrifugal pump designed for recirculation and filtration of water in home or community swimming pools up to 300 m³. High-capacity pre-filter with transparent cap, anti-blockage seal and additional drainage spout in the pump casing. Supplied with suction and impulsion adaptors.

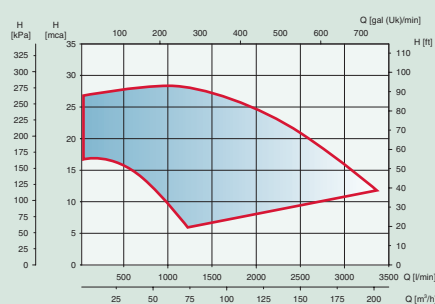
→ Pump casing, pump base, diffuser, impeller and seal mounting in technopolymer.
AISI 420 stainless-steel drive shaft.
Mechanical seal in graphite and alumine.
Aluminium motor casing.
Windings mechanism impregnated with epoxy resin.
NBR gaskets.

→ **Q maximum:** 39 m³/h.
H maximum: 21,5 mca.
Motor power: from 0,15 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.

→ I1/S1/S2: CAT 1006EN

Star

30... 150



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

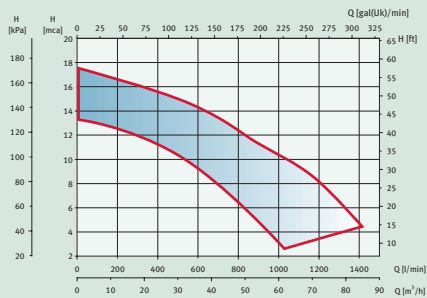
→ Pump body and prefilter in cast iron.
Filter in stainless steel AISI 316.
Impeller in stainless steel AISI 316L (Star 30 65, 40 65, 55 80, 75 80, 100 80, Star4 30 65) and in cast iron (all other models).
Shaft in stainless steel AISI 316.
Mechanical seal in graphite/ceramic.

→ **Q maximum:** 305 m³/h.
H maximum: 24 mca.
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.

→ Star: TEC 2152

Nadorself

200... 400



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

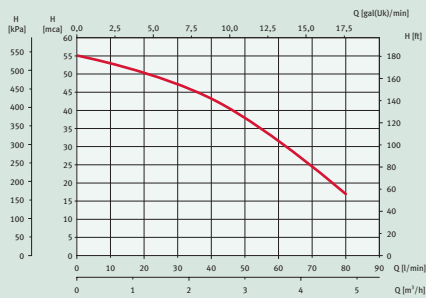
→ Pump body, impeller, seal mounting and diffuser in technopolymer.
Mechanical seal in graphite and alumine oxide.
Suction valve in reinforced rubber.
Shaft in stainless steel AISI 420.
Pump-motor support and motor housing in aluminium.

→ **Q maximum:** 78 m³/h.
H maximum: 17,2 mca.
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.

→ Nadorself: TEC 2495

Multipool

Plus/Tronic/3SS



→ Booster pumps for pool cleaners. Designed for operation with chlorinated waters, salty and ozonised waters.

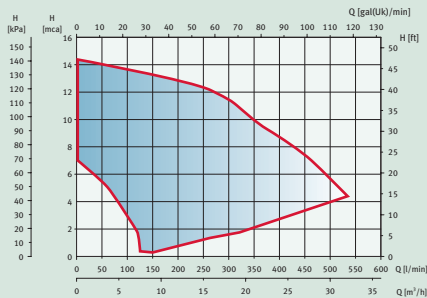
→ Pump body, base and diffusers in polymeric materials. Pump body with pressure gauge and flow regulating valve included. Shaft in stainless steel AISI 316. Wet end with AISI 316 metallic components. Mechanical seal in graphite and alumine.
Motor housing in aluminium L-2521.
Windings impregnated with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

→ **Q maximum:** 4,8 m³/h.
H maximum: 55 mca.
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.

→ Multipool Tronic: TEC 6007

Piscis

1... 4



→ Water recirculation in aquariums and fish hatcheries. Specially designed for operation with sea water and to be resistant to fish excrement.

→ Pump body, impeller and pump foot in technopolymer. Mechanical seal in graphite and alumine oxide. Metallic parts in contact with water in stainless steel AISI 316. O-rings in NBR. Piscis 1/ Piscis 2: Seal mounting in technopolymer. Shaft in stainless steel AISI 316. Motor housing in aluminium.
Piscis 3: Shaft in stainless steel AISI 316.
Motor housing in aluminium.
Piscis 4: Shaft in stainless steel AISI 316 and iron F-114. Motor housing in aluminium L-2521.

→ **Q maximum:** 30 m³/h.
H maximum: 14,5 mca.
Motor power: from 0,08 kW to 1,1 kW. 50 Hz.
Voltage: single-phase 1 x 230 V. IP55. 2900 rpm.
Connection:
Series 1: Suction and discharge for flexible pipes of 32 and 38 mm diameter.
Series 2: 1 1/2" for flexible pipe of 32 and 32 mm diameter.
Series 3: Suction and discharge with threaded unions of G 1 1/2"
Series 4: Suction and discharge with threaded unions of G 2"
Maximum liquid temperature: 40°C.
Single-phase motor built-in thermal protector.

→ Piscis 1: TEC 2525
Piscis 2: TEC 2633
Piscis 3: TEC 2635
Piscis 4: TEC 2637

Series

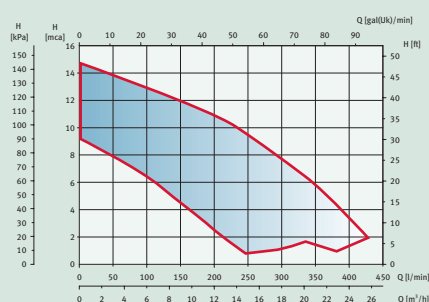
Pump type

Hydraulic
performance range

Applications

Materials

Technical features

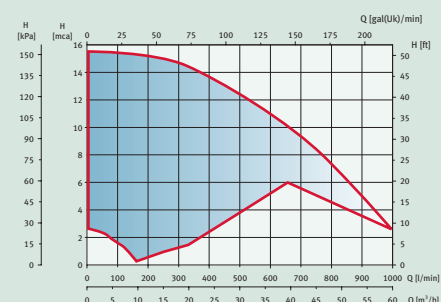
For more
information
www.espa.com**Tiper**
0... 15

→ 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 alumina.

→ **Q maximum:** 25,5 m³/h.
H maximum: 14,5 mca.
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: TIPERO/TIPER1 inner diameter of 40mm and outer diameter of 48 mm for flexible pipes.
 Single-phase motor built-in thermal protector.

→ Tiper 0: TEC 2008
 Tiper 1: TEC 2134
 Tiper 2: TEC 2083
 Tiper 15: TEC 6003

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 mca.
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 2 3/4" with unions of 63 mm
Maximum liquid temperature: 40°C.
 Single-phase motor built-in thermal protector

→ Wiper0: TEC 2461
 Wiper3: TEC 2532



WATER BOOSTING SET

Series

Pump type

Hydraulic performance range

Applications

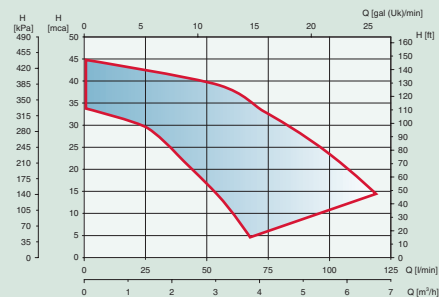
Materials

Technical features

For more information
www.espa.com

Kit

00... 05



→ Automatic pressure set which assembled to a pump supplies water at constant pressure. Designed for the automatic supply of water to one or more dwellings. Also suitable for operation with water containing small quantities of sand.

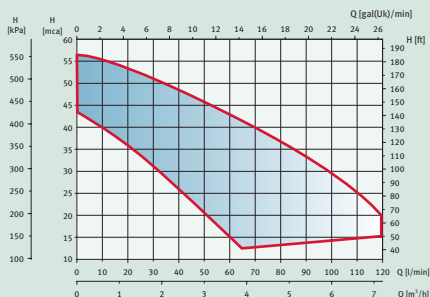
→ Kit 02: Main body, upper support and cable guides in technopolymer. Internal diaphragm in natural rubber. Screws, washers, nuts, etc. in stainless steel AISI 304. Kit 05: Main body, diaphragm support and internal body in polyamide (glass-loaded polymer). Diaphragm in natural rubber. Kit 02: Supplied without cable and plug. Kit 05: Kit AI MP with pressure gauge and unions in plastic. Kit AI MEL with pressure gauge, plug and unions in brass. (on application)

→ **I max:** 10 A 230V a 50 Hz.
Maximum flow: 10 m³/h for kit 05 and 8 m³/h for Kit 00, 01, 02
Maximum liquid temperature: 60 °C.
Connections inlet and outlet: 1"

→ Kit: TEC 2096

Pressure groups

02/05



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

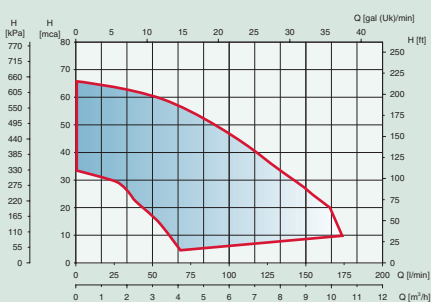
→ These domestic booster pump sets can be built in various configurations using different types of pumps, vessels and control devices. For assistance in your selection please contact our technical sales team.

→ Built in pressure gauge, non return valve, reset push-button, LEDs indicating, line, run and failure (kit 05)
Voltage: single-phase 1 x 230 V. 50 Hz.
Connection: 1".
Kit 02 IP55 (starting pressure 1,5 bar)
Kit 05 IP55 (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 groups: TEC 2096

Pressure groups

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

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

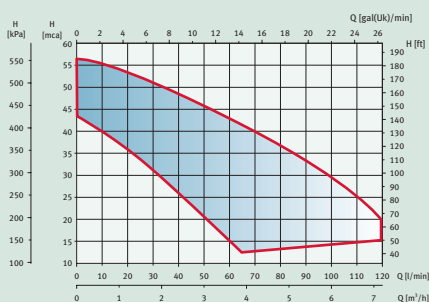
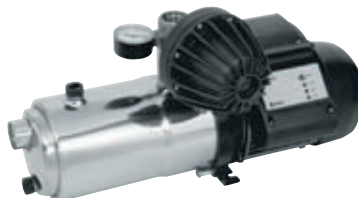
502: 50l horizontal pressure vessel, pressure switch, pressure gauge, 5-way connection, 1" flexible pipe and pump base plate.

Maximum liquid temperature: 40°C.

→ Pressure groups: TEC 2096

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 420. 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 mca.

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

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

Connection: 1".

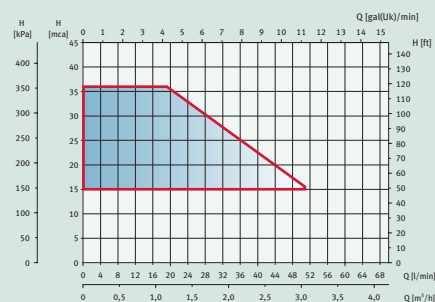
Maximum liquid temperature: 40°C.

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

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

→ Tecnopres 15: TEC 2447
Tecnopres 25: TEC 2449

Tecnoplus



→ Maximum confort at low cost. 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:** 3 m³/h.

H maximum: 35 mca.

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

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

Connection: 1".

Liquid temperature: de 4°C a 40°C.

Single-phase motor built-in thermal protector With dry run protection.

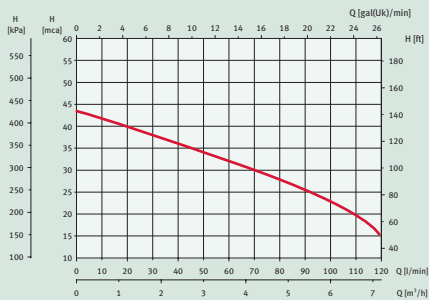
Working pressure 1,5 to 3 bar

Maximum suction pressure, 2 bar

→ Tecnoplus: TEC 6001
Tecnoplus: FLET 3008EN

Tecnotimer

25



→ Quiet-running horizontal multi-stage centrifugal pumps. Self-priming valve resistant to impurities, dry run protection and non-return valve to guarantee the pump's priming. Self-priming up to 9 m. Programmed sprinklers irrigation per areas and supply of water at pressure.

→ Pump body and impellers in stainless steel AISI-304. Motor shaft in stainless steel AISI-420. Diffusers in technopolymer. Mechanical seal in graphite and steatite. O-rings in EPDM/NBR. Motor housing in aluminium.

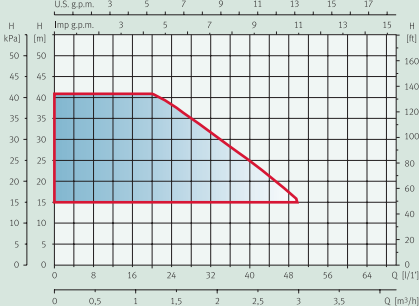
→ **Q maximum:** 7,2 m³/h.
H maximum: 43 mca.
Motor power: from 0,92 kW. 50 Hz.
Voltage: single-phase 1 x 230 V. IP55. 2900 rpm.
Connection: 1".
Temperature of liquid: 40°C max..
Operation: device for maintaining constant pressure and irrigation programmer with 4 time programs per sector per day. LCD Screen.

Capable of working with three functions:
1) Function KIT (pressure group).
2) AUTO: automating sprinkler kit for up to 4 stations.
3) KIT+AUTO: activation of sprinklers and water supply to any point of the home.
Power electro-valves 24 V AC -50 Hz < 0,35 A.

The installation of the Press Air Kit or a minimal accumulation is recommended.

→ Tecnotimer: TEC 2643

Acuaplus



→ Pressurising of domestic water for houses, semi-detached homes, apartments, chalets and rural homes...

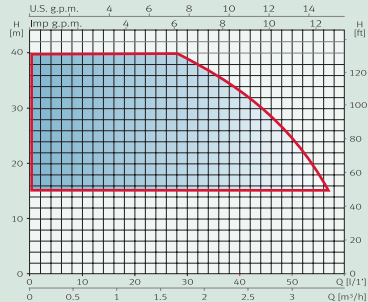
→ Outer casing, discharge body, impellers, filter, discharge cover and motor casing in stainless steel AISI 304. Motor shaft in stainless steel. AISI 303+ F-114. Diffusers in PPO. Mechanical steel in alumina oxide/graphite/steatite/ NBR/AISI 304.

→ **Q maximum:** 3 m³/h.
H maximum: 40 mca.
Motor power: de 0,75 kW. 50 Hz.
Voltage: single-phase 1 x 230 V. IP68. 2900 rpm.
Connection: 1".
Temperature of liquid: de 4°C to 40°C.
Monophase motors with thermo-ampometric protector. Dry run detection device, sequential start-ups in case of failure. Working pressure from 1,5 to 4 bar.

→ Acuaplus: FLET 3008EN

Aquabox

350



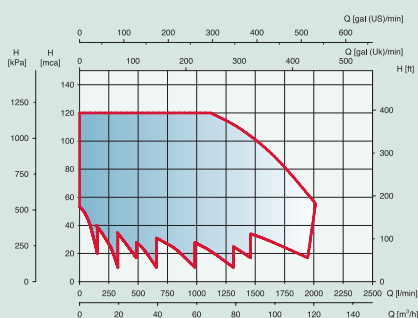
→ Aquabox is multipurpose and can be used in settings with water supply problems. Rural areas: second homes, village dwellings, rural tourism, etc. Urban areas: housing developments, houses, commercial premises, restaurants, etc.

→ Tank in high density 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 KIT02 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.

→ Aquabox: FLET 2134EN

CP/CPD/CPT/CPC



→ Booster sets specially designed to supply water to residential apartments, hotels, etc. Quiet-running with change-over starting device and operation in tandem when required for units with several pumps.

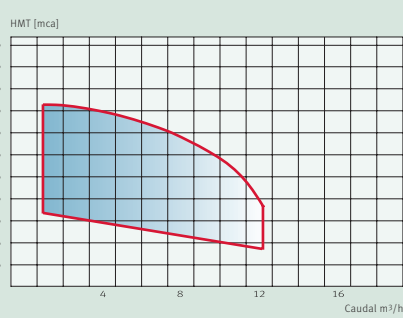
→ Supplied with base plate in steel, pumps (Prisma/ Multi/VE), valves, fittings and flexible pipe. Discharge manifold in stainless steel AISI 304 (for multi pump sets). Pressure vessel or galvanised (not includes) and control panel.

→ **Q maximum:** 120 m³/h, (standard pressure sets, increased pressure and flow available on request).
H maximum: 120 mca.
Motor power: from 0,92 kW to 11 kW x pump. 50Hz. (rearter power available on request).
 Booster sets from 1 to 4 pump according to needs. Pressure control through pressure switches. Change over on booster sets with two or more pumps. Control panel.
Maximum liquid temperature: 40°C.

The hydraulic performance curves are from the standard sets, higher pressure and greater flows can be supplied on request.

→ CP/CPD/CPT/CPC: CAT 1005

CVS/CVD



→ Constant pressure booster set water-cooled with speed control. Designed to supply water to residential apartments, hotels, industry. Quiet-running.

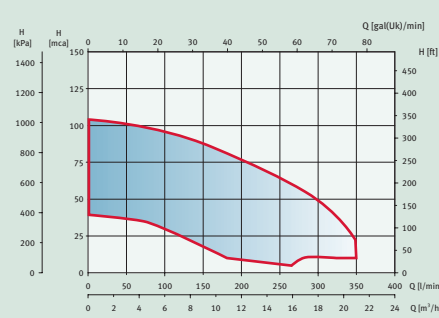
→ Supplied with base plate in steel, pumps (Multi), valves and fittings. Discharge manifold in stainless steel AISI 304 (for multi pump sets). Pressure vessel 24 l and control panel.

→ **Q maximum:** 18,5 m³/h.
H maximum: 80 mca. (Maximum pressure).
Motor power: from 1,1 kW to 2,2 kW. 50 Hz.
 Booster sets from 1 to 2 pump according to needs. With inverter to control the speed of the pump type Controlvar installed on the pump's discharge. DOL start for the auxiliary pump.
Maximum liquid temperature: 40°C.

The hydraulic performance curves are from the standard sets, higher pressure and greater flows can be supplied on request.

→ CVS/CVD: CAT 1005

Speedrive



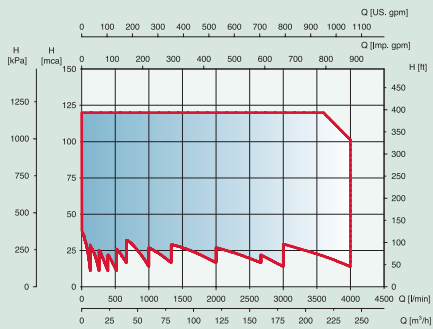
→ Inverter for mounting on three-phase motors to control speed through a pressure transducer. Forced air cooling. To control one or two pumps with two interconnected inverters.

→ Aluminium base with cataphoresis protection. Polyamide motor adaptor and PCB cover in PP.

→ **Motor power** from 0,75 kW to 1,5 kW with single-phase supply 230V, from 2,2 kw up to 4 kW with 400V input.
 Frequency 50/60 Hz
 Transducers (2) 4-20 mA
 Digital screen see the different parameters.
Maximum liquid temperature: 40°C.

→ CKS/CKD/CKT/CKC: CAT 1005

CK/CKD/CKT/CKC



→ Constant pressure booster set with speed control. Designed to supply water to residential apartments, hotels, industry, hospitals, etc. Quite running.

→ Supplied with base plate in steel, pumps (Multi/VE), valves and fittings. Discharge manifold in stainless steel AISI 304 (for multi pump sets). Pressure vessel 50 l and control panel with main switch.

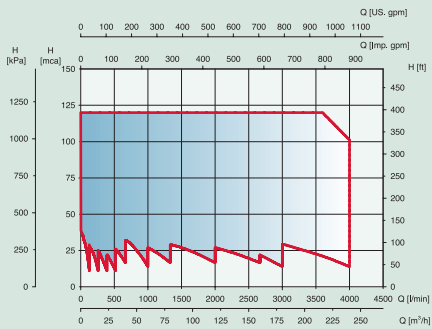
→ **Q maximum:** 120 m³/h, (standard pressure sets, higher pressure and greater flow available on request).
H maximum: 120 mca.
Motor power: from 1,1 kW to 11 kW x pump. 50 Hz, (on request).
Booster sets from 1 to 4 pump according the demand, speed control through inverter located in the control panel. Start of the pumps in tandem (SVA) with change-over system.
Maximum liquid temperature: 40°C.

The hydraulic performance curves are from the standard sets, higher pressure and greater flows can be supplied on request.

→ CKS/CKD/CKT/CKC: CAT 1005

CKA

2...6/XVM



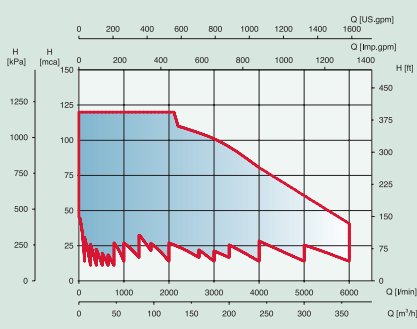
→ Constant pressure booster set with speed control (1 pump)
Booster sets from 2 to 6 pumps.
With change-over system.

→ 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 mca.
Motor power: from 1,1 kw to 30 kW x pump
For greater demand please ask.
Pump controller AUC 3400. Inverters assembled in the control panel.
1 inverter per pump.
The unit can be remote controlled.
Incorporates the installation friction losses to correct the pressure.
With PID control.
With ASPS (Anti surge protection system) for stability control.
The hydraulic performance curves are from the standard sets, higher pressure and greater flows can be supplied on request.

→ CKA: CAT 1005

CKH



→ Constant pressure booster set with speed control. Designed to supply water to residential apartments, hotels, industry, hospitals, etc. Quiet-running.

→ Supplied with inverter, base plate in steel with epoxy (see VE/XVM)
Pressure transducer
Manifolds in stainless steel AISI 304. Pressure vessel.

→ **Q maximum:** 360 m³/h (prestaciones superiores consultar).
H maximum: 120 mca.
Motor power: from 1,1 kW to 11 kW x pump 50 Hz.
Constant pressure booster set with speed control assembled on the pump.
Booster sets up to 6 pumps with “basic” model and up to 8 pumps with “master” models
The hydraulic performance curves are from the standard sets, higher pressure and greater flows can be supplied on request.

→ CKH: CAT 1005

Series

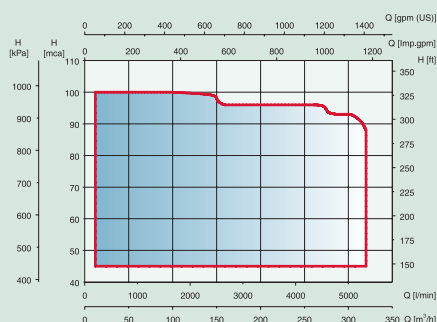
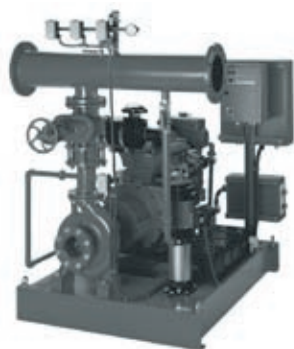
Pump type

Hydraulic
performance range

Applications

Materials

Technical features

For more
information
www.espa.com**UNE****23.500/90 and RT2-ABA Cepreven**

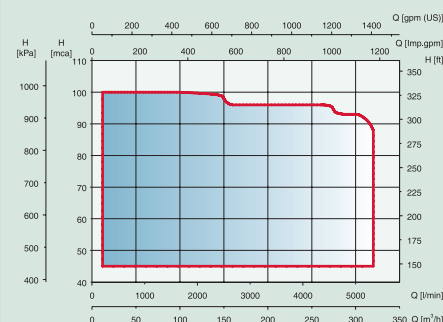
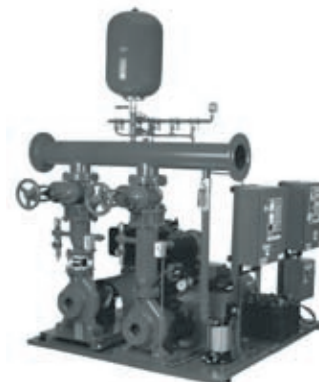
→ Fire fighting sets to supply water or Hydrants.

→ Manufactured under UNE or RT2-ABA Cepreven.

→ **Q maximum:** 320 m³/h x pump (for greater performances, please ask)
H maximum: 85 mca.
 All sets supplied with Jockey, pump, main electric pump or diesel or combining both options according to requirements.

The hydraulic performance curves are from the standard sets, higher pressure and greater flows can be supplied on request.

→ Fire-resistant in compliance with UNE 23.500/90 and RT2-ABA Cepreven: CAT 1008

UNE-EN**12.845 and RT1 ROC 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 performances, please ask)
H maximum: 85 mca.
 All sets supplied with Jockey, pump, main electric pump or diesel or combining both options according to requirements.

The hydraulic performance curves are from the standard sets, higher pressure and greater flows can be supplied on request.

→ Fire-resistant in compliance with UNE-EN 12.845 and RT1 ROC Cepreven: CAT 1008





WATER HARVESTING
WATER TREATMENT

Series

Pump type

Hydraulic performance range

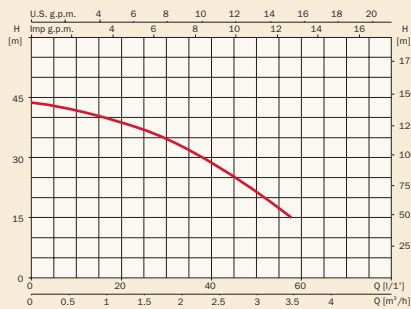
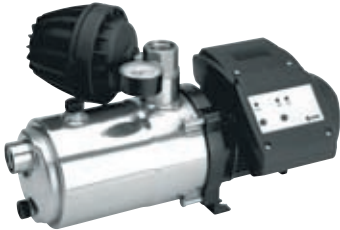
Applications

Materials

Technical features

For more information
www.espa.com

Tecnomodul



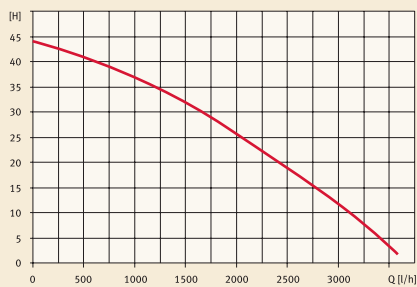
→ Pump with ESPA rain system software to control the water suction from the rain tank or from the network.

→ Pump body in stainless steel AISI 304

→ Pump with automatic system to control the rain water use.
Four control inputs.
Can control the submersible pump from the tank, to control the rainwater inlet valves with the water from the network when is no water in the underground tank.
Maximum liquid temperature: 40°C.

→ Tecnomodul: FLET 3014

Eco-System



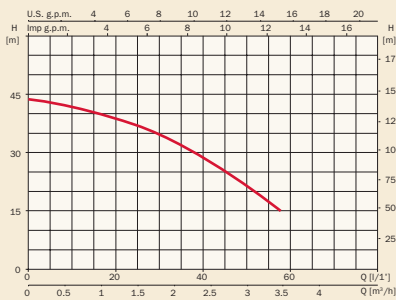
→ Compact unit designed to reuse the rainwater with brake tank, pump and automatic 3-way valve.

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

→ PE tank with 11l 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 230V AC model MC-V3R-25 3/8" water inlet.
Maximum liquid temperature: 40°C.

→ Eco-System: TEC 6040 EN

Tacomat



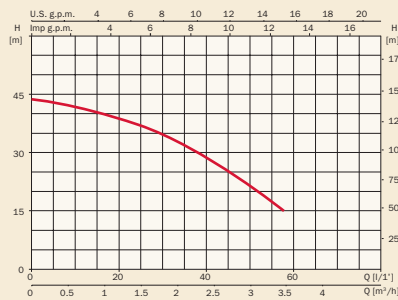
→ Automatic tank for rainwater harvesting with control panel and submersible pump with system obtaining water for the rain tank or net.

→ Tank in stainless steel . Plastic top cover, and brass valve.

→ Compact unit with 1" suction port.
Potable water inlet ¾" AG
Weight not loaded: 11,6 kg
Weight loaded: 30,6 kg
Emergency overflow: DN 50 according EN 1717
Voltage: 230V AC
Control voltage: 9V
Flow: 6m³/h at 2 bar pressure.

→ Tacomat: FLET 3014

Rainleader

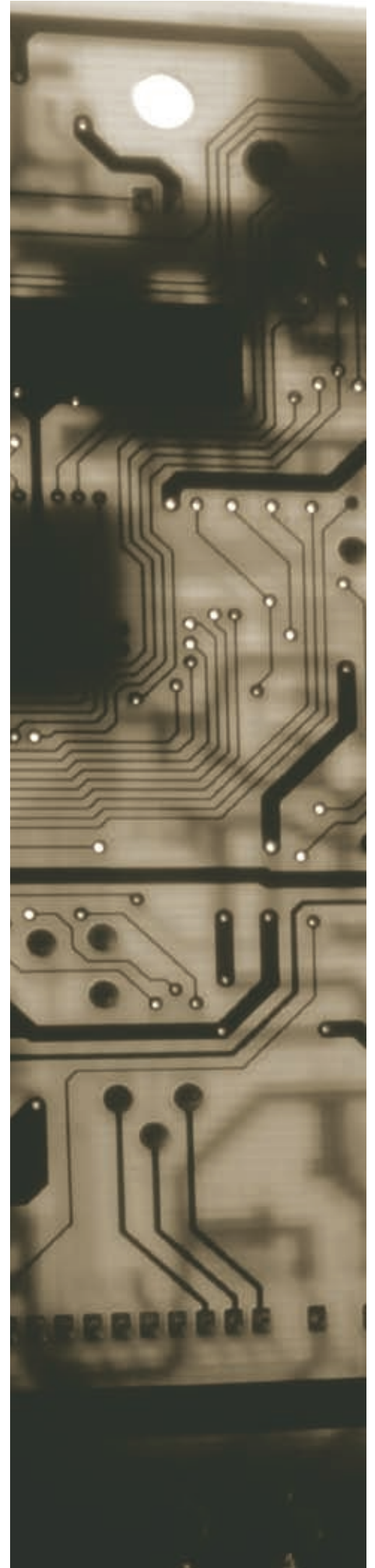


→ Compact unit "plug & play" for domestic rainwater harvesting applications.
Break tank with self-priming pump with EMRS system and control panel with LCD display.

→ Tank in stainless steel . Plastic top cover, and brass valve. Pump body and impellers in stainless steel AISI 304.

→ **Suction port 1"**
Emergency overflow: DN 50 in compliance with EN 1717
Network Inlet port controlled by solenoid: ¾" G
Weight not loaded: 34,5 kg., weight loaded: 53,5 kg
Voltage: single-phase 1 x 230 V. 50 Hz.
P1: 0,85 kW

→ Rainleader: FLET 2178



Series

Pump type

Hydraulic performance range

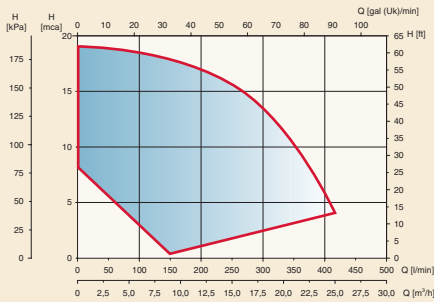
Applications

Materials

Technical features

For more information
www.espa.com

Filterpak
Base/Plus



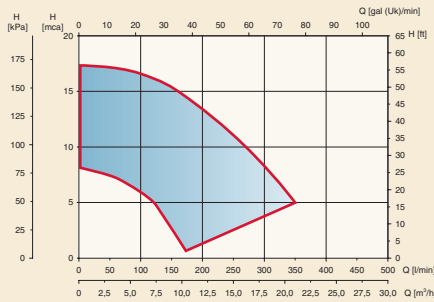
→ Complete filtration system for private swimming pools. Designed for efficiency, reliability and for easy installation and maintenance.

→ 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.

→ Filterpak Base: TEC 6029EN
Filterpak Plus: TEC 6030EN
Espa Pool: CAT 1006EN

Tekbox
NT/SM



→ Prefabricated technical box for sunken fitting in the garden. Blends in perfectly with the environment. Innovative, all-in-one solution, compact enough to store all the equipment required for the proper functioning of the swimming pool. High level of watertightness, providing total protection for components.

→ High resistance: strengthened, injection-moulded thermoplastic that keeps its shape perfectly. Stability: System for ground anchoring to avoid any movement or flotation. Security: Reinforced lock and hinges. Look: Design and colour that blends in with the environment. Versatility: Full pre-fitted filtration-pump-valve units compatible with various add-on functions.

→ **Version NT (underground)**
Version SM (semi-buried)

Standard version supplied with three basic components: Circulating pump, multi-port valve and sand filter, three connections for skimmer, overflow, pool cleaner, two outlets for discharge and drainage.

Optional for tekbox: pumps to run pool cleaner, salt water chlorinator, counter current pump, drainage pump, lights and transformer.

Maximum liquid temperature: 40°C.

→ Tekbox: TEC 6031EN
Espa Pool: CAT 1006EN

Series

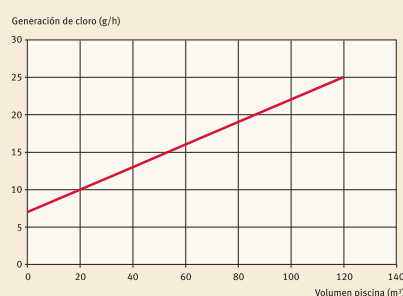
Pump type

Hydraulic
performance range

Applications

Materials

Technical features

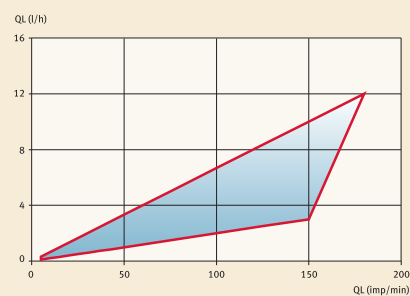
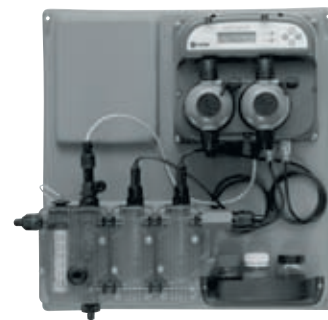
For more
information
www.espa.com**Esal
Base**

→ Set to control the quality of water in swimming pools up to 128 m³/h. Chlorine generated by saline electrolysis.

→ Titan cell. Acrylic cell housing. PP and ABS plastic materials.

→ **Voltage:** single-phase 230 V
Manually adjustable chlorine generation up to 25 gr/hour.
Salt concentration up to 4 and 6 kg/m³
Polarity inversion by intensity
Cell life time 10.000 hours
Cell voltage control: 8V
Connection cell: Ø 40 mm IN and Ø 50 mm OUT
Failure detection system.
Control box IP 65 protection, specially designed for assembly inside the TEKBOX.

→ Espa Pool: CAT 1006EN

**Equal Complet
Base/Plus**

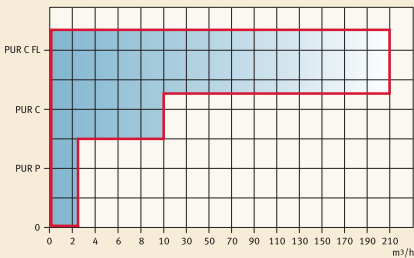
→ Dosing unit system to control the quality of water for swimming pools up to 500 m³/h. Simultaneous regulation of PH and Chlorine.

→ Pump body in PVDF, pump membrane in Teflon PTFE, double ball suction and discharge valves in Teflon PTFE.
Equal base and Equal plus with pump body in PPE with external head insulation.

→ **Q maximum:** 10 L/h a 180 imp/min
Maximum power: 14 w a 30 w
Voltage: single-phase 230 V, Equal Plus 90-260 V.
ON/OFF switch
Inlet for: power cord, level sensor, PH sensor or RX, 4-20 mA signal.
LED indicating dosing or failure
Digital display for PH and free chlorine in ppm
Synchronised twin pump
Flow sensor
Safety alarm for dosing units.
Proves BCN connection.
Supplied with level sensor and all the necessary fittings.
Pipe for reactive dosing of 4x6 mm
Pump supplied with all accessories and fittings.

→ Espa Pool: CAT 1006EN

Depcom Pur



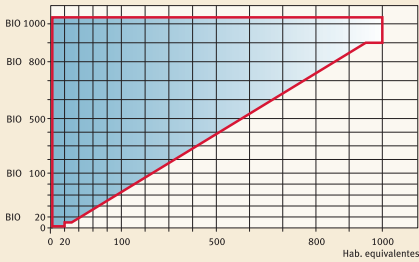
→ E.T.A.P. compact units for purifying water from, lakes, rivers, dams, etc.

→ All materials and models are manufactured according to OMS requirements and CEE standards

→ The sets capacities range are from 20 to 200 inhabitants. Integrate systems for oxidation - precipitation and filtration, (optional chlorine disinfection system)

→ Depcom Pur: FLET 20003

Depcom Bio



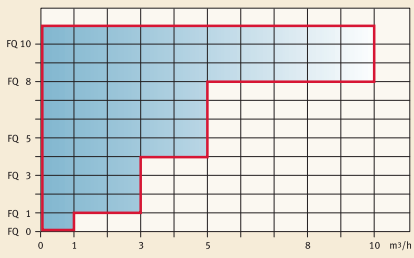
→ Bio Series: Compact scrubbing units for biological treatment of urban waste water.

→ The Depcom Bio Series consists of one single pre-fabricated module which comprises the built-in oxidation (aerobic biological reactor) and decanting (effluent clarification) enclosures, prior to disposal of the treated water.

→ Capacity from 0,75 m³/day up to 150 m³/day
Inhabitants: from 20 to 600, power required, from 2,2 up to 11 kW.
Single set with oxidation and decantation unit.
All models are supplied with control panel.

→ Depcom Bio: FLET 20002

Depcom FQ



→ For industrial applications where wastewater requires treatment to comply with local authority regulations regarding disposal to sewer.

→ A wide range of models enable operation with treatment flow rates from 1 to 25 m³/h or higher, depending on the characteristics of the waste material to be treated.
Easy to assemble, the Depcom FQ series have been designed so that all the customer needs to arrange is connection to the water inlet and outlet and electrical connection to the control panel.

→ Flow from 2 m³/h up to 10 m³/h. Larger models available on request. Includes dosing reactive system, pump units and control panel.

→ Depcom FQ: FLET 20001



