ESPA
Innovative Solutions

Since 1962

ESPAPool

ESPAPool

Innovating swimming pool equipment

ESPA
Innovative Solutions

Since 1962 ESPA has been developing a track record specializing in manufacturing products equipment for pumping and efficient water management. 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.

ESPA is a global organization with local presence in its operational and distribution deployment. It has sales organizations in Argentina, Brazil, Chile, China, France, Germany, Hong Kong, India, Italy, Russia, Spain, Middle East, Turkey and the United Kingdom. It also has production facilities in Chile, China, France and Spain.

Innovation is one of the core values that define **ESPA**. Therefore, it is vital that we research our customers' needs and identify any possible improvements, so that we can offer them the perfect product.

The development of the product with improved hydraulics and a product that is better suited for use in swimming pools are the main features of the new ***ESPA Pool*** range.

The new products have a unique and original design, with new, far more dynamic and innovative pump housing. ***ESPA Pool*** products for swimming pools stand out thanks to their characteristic water blue colour and, in order to preserve their identity and distinguish them further, we have increased the amount of colour on the products from this new range.

Another of the outstanding features presented by **ESPA** in this new swimming pool range is the extension of the factory warranty exclusively for the ***ESPA Pool*** range of products for swimming pools (check conditions and terms at page 26 or at our website www.espa.com).

ESPA Innovative Solutions

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PUMPS

ESPAPool

Silen I Swimming Pool

Quiet-running single-stage centrifugal pump, self-priming, complete with pre-filter

Applications
Recirculation and filtering of water from small and medium swimming pools.

Materials
Pump body, pump foot, impeller, seal mounting and diffuser in technopolymer.
Motor shaft in stainless steel AISI 431.
Special mechanical seal in AISI 316.
Motor housing in aluminium.
O-rings in NBR.
Bearings up to 160º C

Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Single-phase version with built-in thermal protection.
10.000 hours P2 capacitor with aluminium casing.

Equipment
Supplied with suction and discharge unions (metric 50 mm or Imperial $1^{1/2}$").

NEW DESIGN
NEW MATERIALS
ULTRA-SILENT
SELF-PRIMING 4m
EXTENDED WARRANTY

5 YEARS WARRANTY

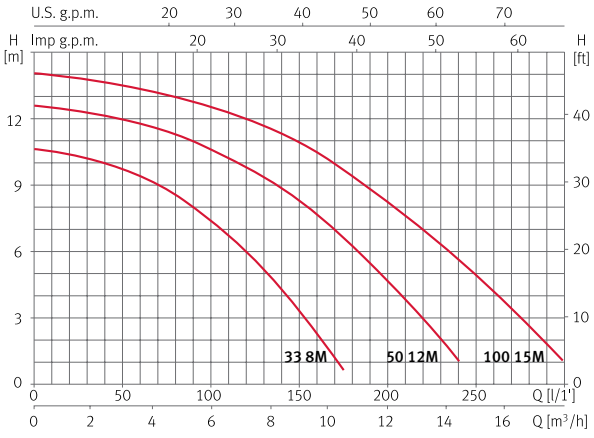
Check conditions and terms at page 29

Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c	* Pool volume [m³]	l/min	25	50	75	100	150	200	250	290	1~230 V (model M)
	1~ 230 V	1~ 230 V	[kW]	[HP]	[µF]		m³/h	1,5	3,0	4,5	6,0	9,0	12	15	17,4	Code
SILEN I 33 8M	2	0,45	0,25	0,33	12	65	mwc	10,2	9,7	8,6	7,2	3,2				203144
SILEN I 50 12M	2,8	0,65	0,37	0,5	12	75		12,3	11,9	11,3	10,5	8,1	4,6			203145
SILEN I 100 15M	3,8	0,85	0,75	1	12	85		13,8	13,3	13	12,5	10,8	8,1	4,8	1,8	203146

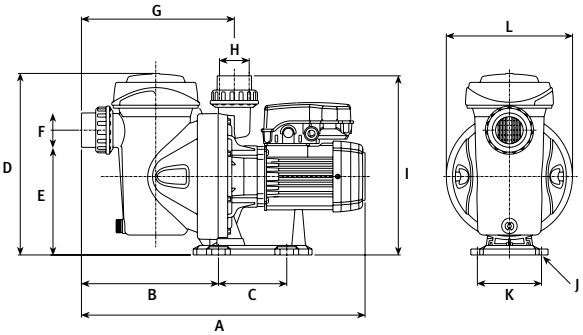
(*) Swimming pool volume (m³): Considering water circulation of 8 hours/day.

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
SILEN I 33 8M	438,5	191,5	115	304	210	2 1/4"	221	2 1/4"	264	Ø9	108	Ø212	8,9
SILEN I 50 12M	438,5	191,5	115	304	210	2 1/4"	221	2 1/4"	264	Ø9	108	Ø212	10,2
SILEN I 100 15M	438,5	191,5	115	304	210	2 1/4"	221	2 1/4"	264	Ø9	108	Ø212	10,9



Silen S Swimming Pool

Quiet-running single-stage centrifugal pump, self-priming, complete with pre-filter

Applications
Recirculation and filtering of water from small and medium swimming pools.

Materials
Pump body, pump foot, impeller, seal mounting and diffuser in technopolymer.
Motor shaft in stainless steel AISI 431.
Special mechanical seal in AISI 316.
Motor housing in aluminium.
O-rings in NBR.
Bearings up to 160º C.

Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Single-phase version with built-in thermal protection.
10.000 hours P2 capacitor with aluminium casing.

Equipment
Supplied with suction (metric 63 / 50 mm or Imperial 2" / 1 1/2") and discharge unions (metric 50 mm or Imperial 1 1/2").

NEW DESIGN
NEW MATERIALS
ULTRA-SILENT
SELF-PRIMING 4m
EXTENDED WARRANTY
IMPROVED HYDRAULICS

5 YEARS WARRANTY

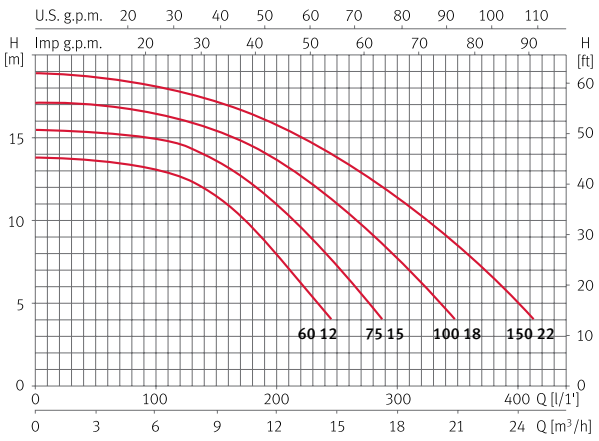
Check conditions and terms at page 29

Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	* Pool volume [m³]	l/min	40	80	120	160	215	265	325	400	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	3~ 230 V	3~ 400 V	1~ 230 V	3~ 400 V	[kW]	[HP]	[µF]		m³/h	2,4	4,8	7,2	9,6	12,9	15,9	19,5	24	Code	Code
SILEN S 60 12	3,7	2,4	1,4	0,8	0,8	0,44	0,6	16	90	mwc	13,6	13,2	12,6	10,9	6,7				203147	203151
SILEN S 75 15	5,5	3,3	1,9	1,2	1,0	0,55	0,75	16	110		15,2	15	14,3	13,1	9,9	6			203148	203152
SILEN S 100 18	6,0	3,8	2,2	1,4	1,2	0,75	1,0	16	125		16,9	16,5	16	15	12,9	10	5,9		203149	203153
SILEN S 150 22	7,1	4,8	2,8	1,6	1,6	1,1	1,5	25	150		18,6	18,2	17,7	16,9	15,1	13	10	5,1	203150	203154

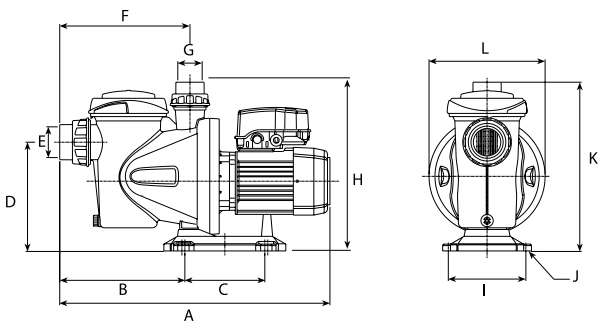
(*) Swimming pool volume (m³): Considering water circulation of 8 hours/day.

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
SILEN S 60 12	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	8,9
SILEN S 75 15	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	10,2
SILEN S 100 18	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	10,9
SILEN S 150 22	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	13,5



Silen S2 Swimming Pool

Quiet-running single-stage, self-priming, centrifugal pumps, complete with pre-filter

Applications
Recirculation and filtering of large pools.

Materials
Pump body, pump foot, diffuser, impeller and seal mounting in technopolymer.
Motor shaft in stainless steel AISI 431.
Special mechanical seal in AISI 316.
Motor housing in aluminium.
O-rings in NBR.
Bearings up to 160º C.

Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Single-phase version built-in thermal protection.
10.000 hours P2 capacitor with aluminium casing.

Equipment
Supplied with suction and discharge unions (metric 63 mm or Imperial 2").

NEW DESIGN
NEW MATERIALS
ULTRA-SILENT
SELF-PRIMING 4m
EXTENDED WARRANTY

5 YEARS WARRANTY

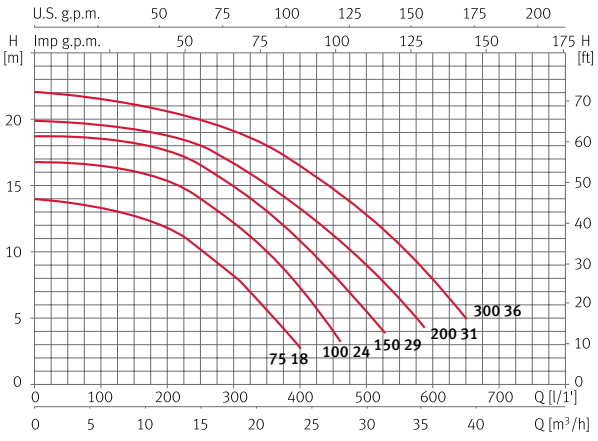
Check conditions and terms at page 29

Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	* Pool volume [m³]	l/min	100	150	250	350	450	500	550	650	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	3~ 230 V	3~ 400 V	1~ 230 V	3~ 400 V	[kW]	[HP]	[µF]		m³/h	6,0	9,0	15	21	27	30	33	39	Code	Code
SILEN S2 75 18	4,5	3,8	2,2	1,0	1,0	0,55	0,75	25	110	mwc	13,2	12,8	10	5,5					203155	203160
SILEN S2 100 24	7	4,8	2,8	1,5	1,6	0,92	1,25	25	150		16,5	16	14,2	10	4				203156	203161
SILEN S2 150 29	8,5	5,3	3,1	1,9	1,9	1,1	1,5	25	180		18,5	18,2	16,5	13	8,2	5,5			203157	203162
SILEN S2 200 31	9,7	6,5	3,8	2,2	2,2	1,5	2,0	30	200		19,5	19,1	18	15	11,1	9	6,3		203158	203163
SILEN S2 300 36	12,5	8,6	5	2,8	2,6	2,2	3,0	60	240		21,5	21	19,9	18	14,9	12,9	10,3	5	203159	203164

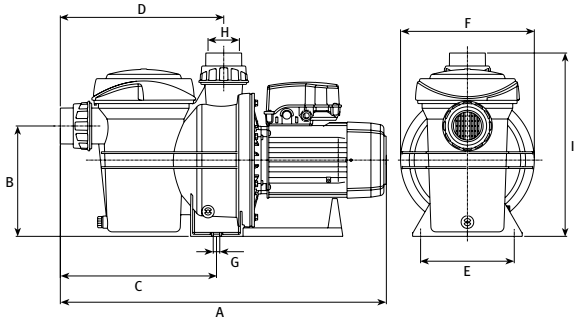
(*) Swimming pool volume (m³): Considering water circulation of 8 hours/day.

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	Kg
SILEN S2 75 18	623,5	222	272	285	188	268	Ø13	2 3/4"	326,5	14
SILEN S2 100 24	623,5	222	272	285	188	268	Ø13	2 3/4"	326,5	15
SILEN S2 150 29	623,5	222	272	285	188	268	Ø13	2 3/4"	326,5	18
SILEN S2 200 31	623,5	222	272	285	188	268	Ø13	2 3/4"	326,5	21
SILEN S2 300 36	623,5	222	272	285	188	268	Ø13	2 3/4"	326,5	23



Silen ST Swimming Pool

Monobloc centrifugal pumps complete with prefilter, for filtering and purifying equipment in medium and large swimming pools

Applications
Recycling and filtering of water from medium and large swimming pools, aquatic attractions and similar places.

Materials
Pump body and prefilter in cast iron.
Filter and shaft in stainless steel AISI 316.
Impeller in stainless steel.
Mechanical seal in graphite/ceramic.
O-ring in NBR.
Motor casing in aluminum.

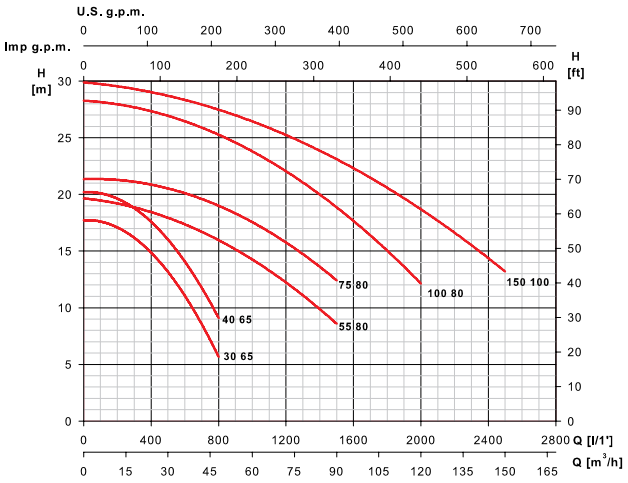
Equipment
Complete with suction and discharge connection flanges.

Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Nuts and bolts in stainless steel.
Flange in galvanized iron.

Hydraulic performance table

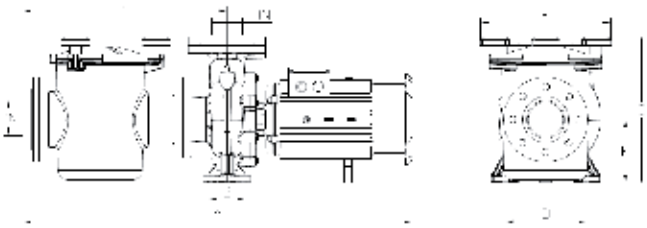
Model	I [A]			P1 [kW]	P2		l/min	0	100	200	300	400	500	600	800	1000	1500	2000	2500	Code
	3~ 230 V	3~ 400 V	3~ 692 V	3~	[kW]	[HP]	m³/h	0	6	12	18	24	30	36	48	60	90	120	150	
Silen ST 30 65	8,1	4,7		2,9	2,2	3,0		17,7	17,6	17,1	16,2	14,9	13,2	11,1	5,7					205412
Silen ST 40 65	10,7	6,2		3,9	3,0	4,0		20,2	20,1	19,6	18,8	17,6	16,0	14,1	9,1					205413
Silen ST 55 80		8,1	4,7	4,9	4,0	5,5	mWC	19,6			18,9	18,4	17,9	17,4	16,0	14,3	8,6			205414
Silen ST 75 80		10,9	6,3	6,7	5,5	7,5		21,3			21,1	20,9	20,5	20,1	19,0	17,6	12,4			205415
Silen ST 100 80		14,7	8,5	9,1	7,5	10,0		28,3				27,3	26,9	26,5	25,3	23,8	18,9	12,1		205416
Silen ST 150 100		20,9	12,1	12,9	11,0	15,0		29,9						28,3	27,5	26,4	23,1	18,7	13,2	205417

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	D	E	F	G	DN1	DN2	Kg
Silen ST 30 65	799	70	376	190	339	132	510	80	50	92,0
Silen ST 40 65	799	70	376	190	339	132	510	80	50	94,0
Silen ST 55 80	854	95	376	212	339	160	510	100	65	113,0
Silen ST 75 80	854	95	376	212	339	160	510	100	65	119,0
Silen ST 100 80	854	95	376	212	339	160	510	100	65	122,0
Silen ST 150 100	1024	95	376	250	339	180	542	100	80	162,0



Silen Plus Swimming Pool

Quiet-running single stage centrifugal pump with frequency driver

Applications
Recirculation and filtering of water from swimming pools.
Quiet-running.

Materials
Pump body, pump foot, impeller, seal mounting and diffuser in technopolymer.
Motor shaft in stainless steel AISI 431.
Special mechanical seal in AISI 316.
Mechanical seal in graphite and alumine.
Motor housing in aluminium.
O-rings in NBR.
Bearings up to 160° C.

Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.

Equipment
Supplied with suction and discharge unions.
Control System included.
Supplied with 2 m of power cable.

evopool®
The Silen Plus includes a frequency inverter with a major innovation in its operation to adapt it for usage in pools: the speed variation in the swimming pool working cycles. 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.

evopool® Control System
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.

Silen Plus 1M

Silen Plus 3M

- HYDRAULIC AND ECONOMIC SAVING
- ULTRA-SILENT (45 DB)
- LONGER PRODUCT LIFETIME
- AUTOMATION
- EVOPOOL APP MANAGEMENT
- EXTENDED WARRANTY
- START-UP SERVICE AND REMOTE ASSISTANCE

5 YEARS WARRANTY

Check conditions and terms at page 29

Electric features

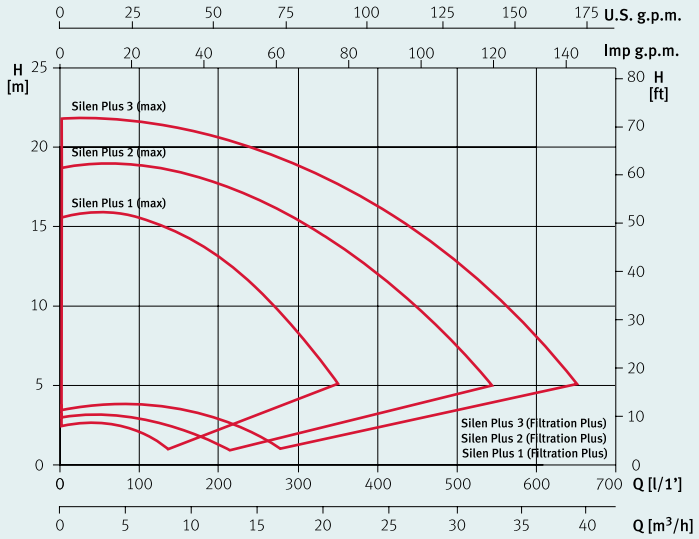
Model	Working cicle *evopool*®	Current [A]	Input power P1 [kW]	Motor power P2		1~230 V (model M)
		1~ 230 V	1~	[kW]	[HP]	Code
Silen Plus 1M	Filtration Plus Max	1,0 8,0	0,1 1,1	0,75	1,0	199398
Silen Plus 2M	Filtration Plus Max	1,2 10	0,17 1,5	1,5	2,0	199399
Silen Plus 3M	Filtration Plus Max	1,6 14,8	0,2 2,6	2,2	3,0	200519

SAVINGS WITH SILEN PLUS PUMP

This savings simulation has been estimated with the following data: 180 operation days per year — Electricity cost 0,24 €/kWh — Water cost 1,91 €/m³

	Swimming pool volume	Energy savings	Water savings during backwash	Estimated annual savings (€/year)	Carbon footprint
Silen Plus 1 VS: Single speed pump 0,75 Hp	30 m³	84%	58%	329,29€	84% CO_2 emissions reduction
Silen Plus 1 VS: Single speed pump 0,75 Hp	50 m³	82%	58%	471,60€	82% CO_2 emissions reduction
Silen Plus 2 VS: Single speed pump 1,50 Hp	100 m³	72%	55%	862,45€	72% CO_2 emissions reduction
Silen Plus 3 VS: Single speed pump 2 Hp	150 m³	62%	55%	1.161,01€	62% CO_2 emissions reduction

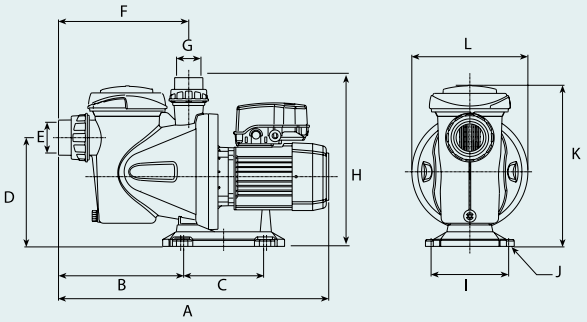
Performance curves



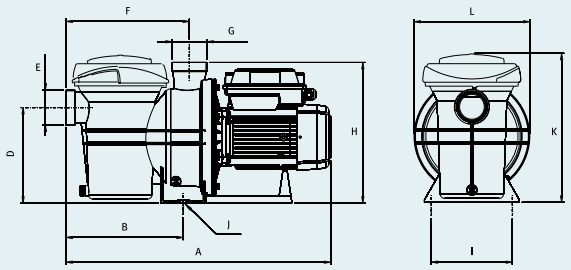
Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
Silen Plus 1M	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	11,9
Silen Plus 2M	623,5	272	-	222	2 3/4"	285	2 3/4"	326	188	Ø13	334	268	21,9
Silen Plus 3M	623,5	272	-	222	2 3/4"	285	2 3/4"	326	188	-	368	268	23,9

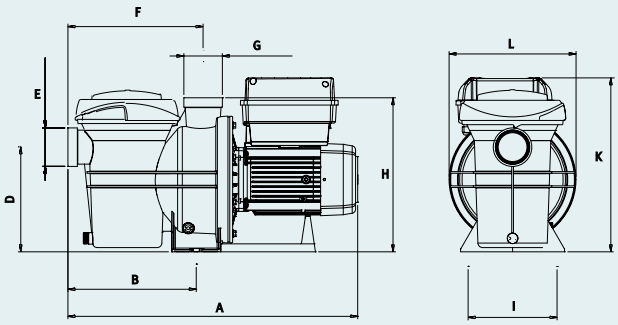
Silen Plus 1M



Silen Plus 2M



Silen Plus 3M



evopool®

ESPA

iOS

Multipool N Swimming Pool

Multi-stage pumps. Swimming pool

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

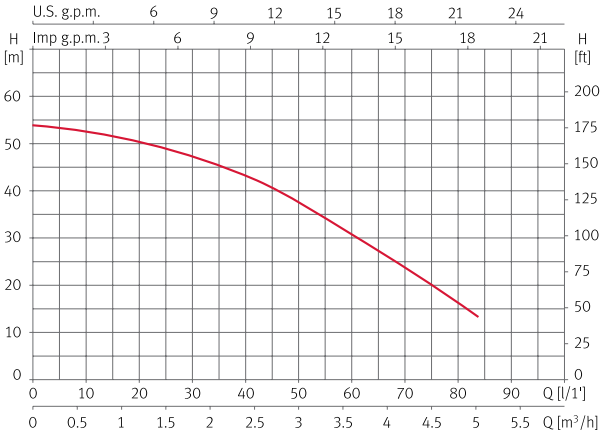
Materials
Pump body, base and diffusers in polymeric materials.
Shaft in stainless steel AISI 431.
Wet end with AISI 431 metallic components.
Mechanical seal in graphite and alumine.
Motor housing in aluminium L-2521.
Windings impregnated with polyester resin.

Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Single-phase with built-in thermal protection.

Hydraulic performance table

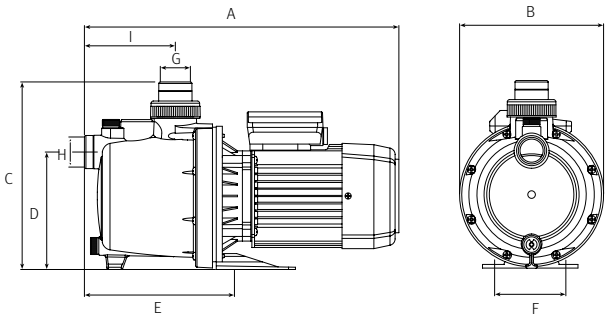
Model	I [A]			P1 [kW]		P2		c	l/min	10	30	40	50	60	65	70	80	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	3~ 230 V	3~ 400 V	1~ 230 V	3~ 400 V	[kW]	[HP]	[µF]	m³/h	0,6	1,8	2,4	3,0	3,6	3,9	4,3	4,8	Code	Code
Multipool N	6	4,1	2,3	1,3	1,2	0,75	1	16	mwc	53	47	43	37	32	27,5	24	17	202038	202041

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	Kg
Multipool N	415	190	247,5	155	198	94	1"	1"	120	10,5



Pool Swimming Pool

Quiet-running horizontal single-stage centrifugal pumps

Applications
Operation with swimming pool cleaners, sea water, chloric water, demineralised water and ozone water.

Materials
Pump body, impellers and diffusers in technopolymer.
Motor shaft in stainless steel AISI 431.
Mechanical seal in graphite and alumine.
Motor housing in aluminium.
Windings impregnated with polyester resin.

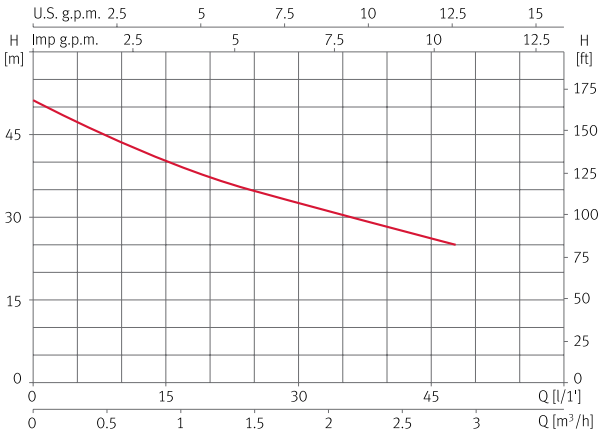
Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Single-phase with built-in thermal protection.

Limitations
Self-priming up to 9 m.

Hydraulic performance table

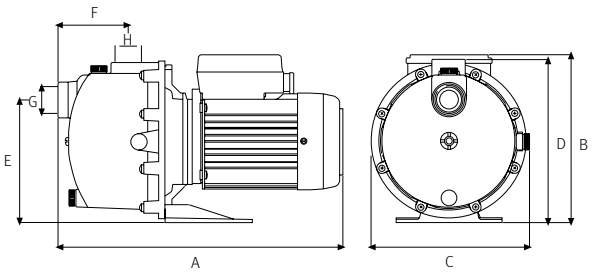
Model	I [A]			P1 [kW]		P2		c	l/min	5	10	15	20	25	30	40	45	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	3~ 230 V	3~ 400 V	1~ 230 V	3~ 400 V	[kW]	[HP]	[µF]	m³/h	0,3	0,6	0,9	1,2	1,5	1,8	2,4	2,7	Code	Code
Pool	5	3,3	1,9	1,1	1,0	0,97	1,0	16	mwc	47	43	40	37	35	33	28	26	146048	146054

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	D	E	F	G	H	Kg
Pool	343	201,5	190	196	147	84,7	1"	1"	8,2



Wiper Wellness/Spa

Quiet-running single-stage centrifugal pumps for water recirculation

Applications
Water recirculation in spas
and private pools.
With central suction
and adjustable discharge outlet.

Materials
Suction cover, impeller, pump foot
and discharge body in technopolymer.
Mechanical seal in graphite and steatite.
Shaft in stainless steel AISI 431.
Motor housing in aluminium.
O-rings in NBR.

Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Built-in thermal protection.
Single-phase two-speed options:
2P = 2900 rpm. / 4P = 1450 rpm.
10.000 hours P2 capacitor with aluminium casing.

Equipment
Wiper 0: $2^{1/4}$ inlet and outlet ports.
Complete with suction and discharge unions (metric 50 mm).
Wiper 3: $2^{3/4}$" inlet and outlet ports.
Complete with suction and discharge unions (metric 63 mm).

Wiper 0

Wiper 3

Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c	l/min	25	50	100	150	200	250	300	350	1~230 V (model M)
	1~ 230 V	1~ 230 V	[kW]	[HP]	[µF]	m³/h	1,5	3,0	6,0	9,0	12	15	18	21	Code
Wiper0 50	2,3	0,5	0,24	0,33	12	mwc	10	9,4	7,9	6,0	3,6	1			203170
Wiper0 70	2,9	0,64	0,37	0,5	12		11	10,6	9,7	8,5	6,6	4,5	2,2		203171
Wiper0 90	3,74	0,85	0,74	1,0	12		11,7	11,3	10,5	9,6	8,4	6,7	4,6	2,2	203172

1 x 230 V monophasic

Model	I [A]	P1 [kW]	P2		c	l/min	50	100	200	300	400	500	600	900	1~230 V (model M)
	1~ 230 V	1~ 230 V	[kW]	[HP]	[µF]	m³/h	3,0	6,0	12	18	24	30	36	54	Code
Wiper3 150	6,4	1,4	1,1	1,5	25	mwc	13,3	13	12,1	10,8	8,2	5			203173
Wiper3 200	8,8	2	1,5	2	40		14,8	14,5	13,9	12,9	11,1	9,1	6,8		203174
Wiper3 300	11	2,5	2	3	60		14,8	14,5	14,1	13,5	12,8	11,9	10,7	4,7	203175

Model		I [A]	P1 [kW]	P2		c	l/min	50	100	200	300	400	500	600	900	1~230 V (model M)
		1~ 230 V	1~ 230 V	[kW]	[HP]	[µF]	m³/h	3,0	6,0	12	18	24	30	36	54	Code
Wiper3 150M 2P4P	2P	6,4	1,4	1,1	1,5	25	mwc	14,0	13,3	13,0	12,1	10,8	8,2	5,0		97854
	4P	1,4	0,35	0,18	0,25	16		3,0	2,9	2,8	2,0					
Wiper3 200M 2P4P	2P	8,8	2,0	1,5	2	40		15,0	14,8	14,5	13,9	12,9	11,1	9,1	6,8	129317
	4P	1,7	0,4	0,18	0,25	16		3,0	2,9	2,8	2,6	1,5				

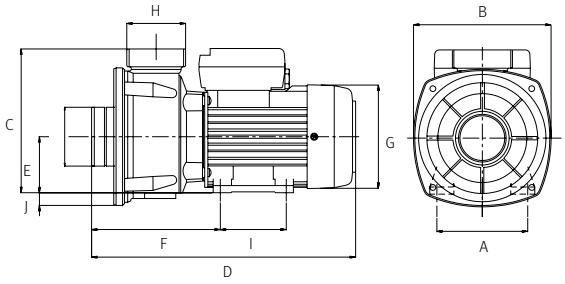
3 x 230/400 V triphasic

Model	I [A]		P1 [kW]	P2		l/min	50	100	200	300	400	500	600	900	3~ 400 V (model T)
	3~ 230 V	3~ 400 V	3~	[kW]	[HP]	m³/h	3,0	6,0	12	18	24	30	36	54	Code
Wiper3 150	5	2,9	1,1	1,1	1,5	mwc	13,3	13	12,1	10,8	8,2	5			203176
Wiper3 200	6,6	3,8	1,8	1,5	2		14,8	14,5	13,9	12,9	11,1	9,1	6,8		203177
Wiper3 300	7,1	4,1	2,4	2	3		14,8	14,5	14,1	13,5	12,8	11,9	10,7	4,7	203178

Dimensions and weights

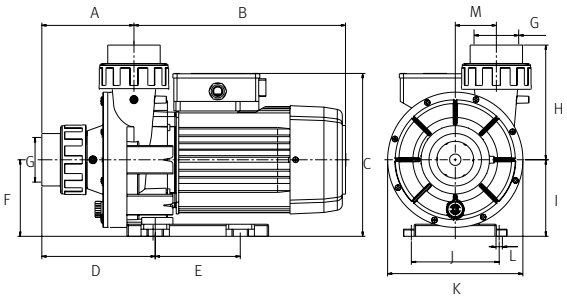
Wiper0

Model	A	B	C	D	E	F	G	H	I	J	Kg
Wiper0 50	102	154,5	162	295,5	63	144,5	116	2 1/4"	74	15	5,7
Wiper0 70	102	154,5	162	295,5	63	144,5	116	2 1/4"	74	15	6
Wiper0 90	102	154,5	162	295,5	63	144,5	116	2 1/4"	74	15	6,8



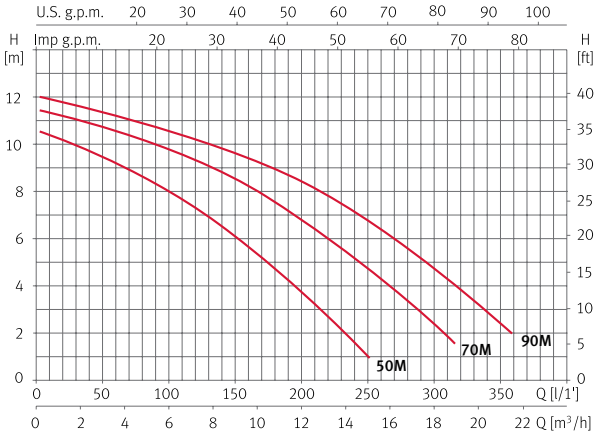
Wiper3

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	Kg
Wiper3 150	130	298,7	230	160	120	108	63	162	108	124	191	9	29	14,3
Wiper3 200	130	298,7	230	160	120	108	63	162	108	124	191	9	29	17
Wiper3 300	130	298,7	230	160	120	108	63	162	108	124	191	9	29	18,8

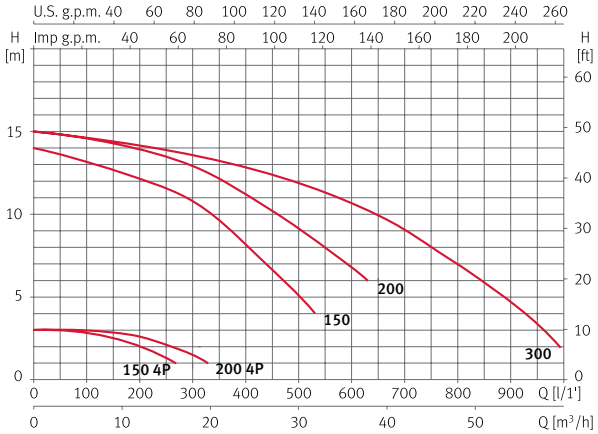


Performance curves at 2900 rpm

Wiper0



Wiper3



Nadorself Swimming Pool

Single-stage centrifugal pumps

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

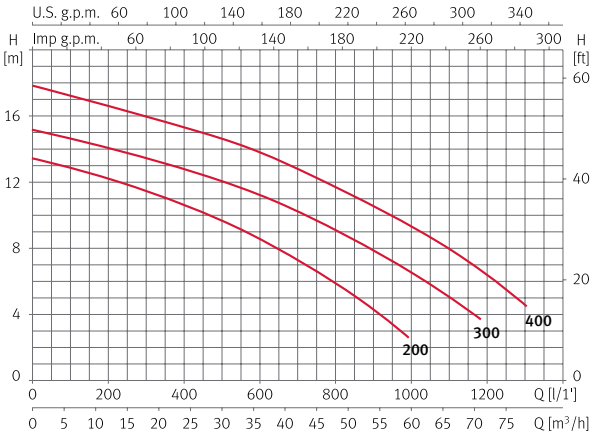
Materials
Pump body, impeller, seal mounting and diffuser in technopolymer.
Mechanical seal in graphite and alumine.
Suction valve in reinforced rubber.
Shaft in stainless steel AISI 431.
Pump-motor support and motor housing in aluminium.

Motor
Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Single-phase with built-in thermal protection.
10.000 hours P2 capacitor with aluminium casing.

Hydraulic performance table

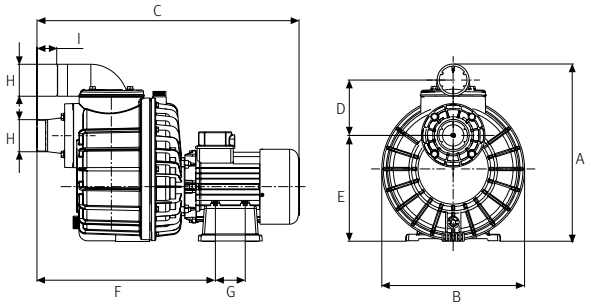
Model	I [A]			P1 [kW]		P2		c	l/min	100	200	400	600	800	1000	1200	1300	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	3~ 230 V	3~ 400 V	1~ 230 V	3~ 400 V	[kW]	[HP]	[µF]	m³/h	6,0	12	24	36	48	60	72	78	Code	Code
Nadorself 200	10,2	6,7	4	2,2	2,2	1,5	2	40		12,9	12,2	10,6	8,5	6				203165	203167
Nadorself 300	13,4	8,6	5	3	3	2,3	3	60	mwc	14,6	14	12,8	11,3	9	6,5			203166	203168
Nadorself 400		11,8	6		3,8	3	4			17,2	16,6	15,3	13,8	11,6	9,4	6,3	4,5		203169

Performance curves at 2900 rpm

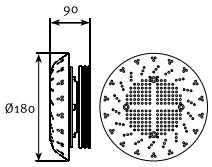


Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	Kg
Nadorself 200	416	335	615	130	248,5	418,5	70	2 1/2"	46,5	25,1/23,1
Nadorself 300	416	335	615	130	248,5	418,5	70	2 1/2"	46,5	26,1/25,8
Nadorself 400	416	335	615	130	248,5	418,5	70	2 1/2"	46,5	28

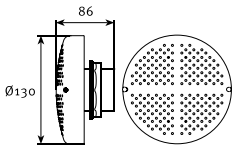


Wiper3



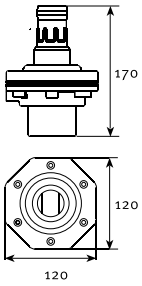
We recommend 2 units per kit. See regulations for country in question
Ø63 mm connection.

Suction for Kit NCB in lined pool	Code
Kit NCB AL	130634



We recommend 2 units per kit. See regulations for country in question
Ø63 mm connection.

Suction for Kit NCB in concrete pool	Code
Kit NCB AH	130633

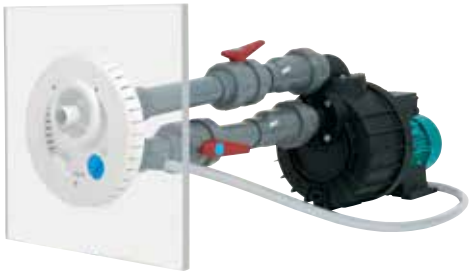


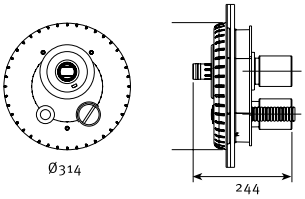
Jet Kit (lined/concrete)	Code
Kit NCB	130632

Flexible hose 1.5 m. (pump to jet nozzle)

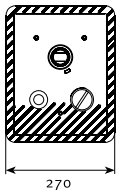
Hose kit	Code
Kit NC M	104153

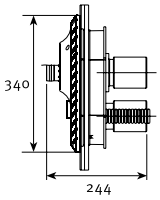
Nadorself



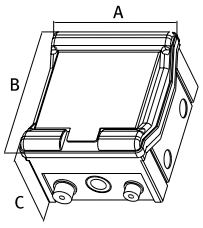


Complete circular kit (universal for lined concrete)	Code
Universal kit (circular)	128188
	146558





Complete rectangular kit (universal for lined concrete)	Code
Kit universal (rectangular)	128189
	146558



Control panel	Code
NC CM 2 (Single-phase)	134548
NC CT 2 (three-phase) 3 kW	134549

Union to convert from threaded connection to 75mm solvent fit for Nadorself pump

Union	Code
Suction/Discharge	0011000596

ESPA
Innovative Solutions

FILTERS

ESPAPool

Filterkit Base Swimming Pool

Filters with valves

Filterkit Base

Filters with valves made of chemical and weather-resistant polyethylene.
Moulded in single piece, with base built into the filter.
Highly versatile, with top mounted, four or six-way valve.

Features

Working pressure: 2 bar; maximum pressure: 2.5 bar.
Top connection with 1 1/2" four or six way valve.
Fitted with pressure gauge and air valve.
Double drainage in the lower section of the filter: ½" to totally empty the filter; ¼" to drain water without loss of sand.
Transparent lid on the side-mounted version for easy inspection.
Filter connected to valve via a 177 mm clamp.

5 YEARS WARRANTY

Check conditions and terms at page 29

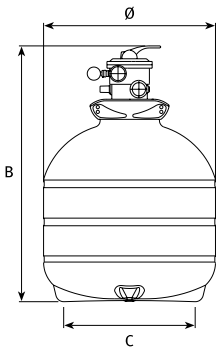
Characteristics

Model	Filter				Code
	Ø filter [mm]	Nominal flow [m³/h]	* Max. pool volume [m³]	Silex load [Kg]	
FKB 350 4TP	350	6	48	35	134537
FKB 450 6TP	450	8	64	75	134538
FKB 550 6TP	550	12	96	125	134539

(*) Maximum swimming pool volume (m³): considering water circulation of 8 hours/day at 10 mwc.

Dimensions and weights

Model	A	B	C	Ø	Kg
FKB 350 4TP	-	735	258	350	5,6
FKB 450 6TP	-	832	330	450	7,7
FKB 550 6TP	-	832	440	550	10,1



Filterkit Plus Swimming Pool

Filters with valves

Filterkit Plus

Filters with valves made of chemical and weather-resistant modified polypropylene.
Injection moulded, with the two halves thermally welded.
Highly versatile six-way valve.
Highest quality, from Ø520 to Ø760 mm for pools with a volume of water up to 176 m^3.

Features

Working pressure: 2.5 bar; maximum pressure: 3.5 bar.
Connection with 1 ½" six-way valve for Ø520 and Ø620 mm models;
2" for Ø760 mm models.
Fitted with pressure gauge and air valve.
Double drainage in the lower section of the filter: 1 ½" to totally empty the filter;
½" to drain water without loss of sand.
Transparent lid for easy inspection.
Valve lid to the filter via a 203 mm anti-blockage seal.

5 YEARS WARRANTY

Check conditions and terms at page 29

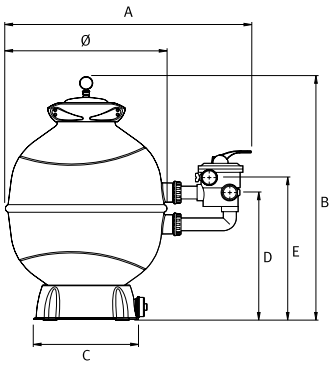
Characteristics

Model	Filter				Code
	Ø filter [mm]	Nominal flow [m^3/h]	* Max. pool volume [m^3]	Silex load [Kg]	
FKP 520 6LT	520	10	88	85	130906
FKP 620 6LT	620	15	128	145	130907
FKP 760 6LT	760	22	184	300	130908

(*) Maximum swimming pool volume (m^3): considering water circulation of 8 hours/day at 10 mwc.

Dimensions and weights

Model	A	B	C	D	E	Ø	Kg
FKP 520 6LT	844	886	422	460	519	520	21,7
FKP 620 6LT	943	957	422	501	560	620	23,7
FKP 760 6LT	1.102	1.114	422	630	715	767	34,0



Filterpak Base Swimming Pool

Filters with valves

Filterpak Base
Compact filter and pump units in pools up to 128 m^3.
Highly versatile, with top-mounted, six-way valve.

Features
Compact centrifugal pump.
Single piece, moulded polyethylene filter.
Six-way valve 1 ½".
Base unit in modified polypropylene.
Flexible pump-filter connection kit.

5 YEARS WARRANTY

Check conditions and terms at page 29

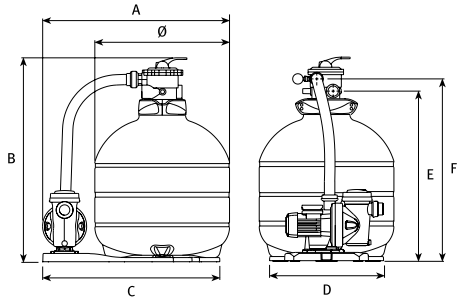
Characteristics

Model	Filter				Pump			Valve	Code	Components		
	Ø filter [mm]	Nominal flow [m^3/h]	* Max. pool volume [m^3]	Silex load [Kg]	P2 (HP)	I (A) 1~	Ø Suc. (mm)	Connection		Pump Code	Filter Code	Base Code
FPB 450 6TP SILEN I 50 12M	450	12,0	64	75	0,5	2,8	50	1 1/2"	134697	203145	134538	203057
FPB 550 6TP SILEN I 100 15M	550	15,0	96	125	1,0	3,8	50	1 1/2"	134698	203146	134539	203120

(*) Maximum swimming pool volume (m^3): considering water circulation of 8 hours/day at 10 mwc.

Dimensions and weights

Model	A	B	C	D	E	F	Kg
FPB 450 6TP SILEN I 50 12M	697	855	613	350	671	731	21,1
FPB 550 6TP SILEN I 100 15M	855	855	855	550	671	731	22,8



Filterpak Plus Swimming Pool

Filters with valves

Filterpak Plus

Compact filter and pump units in pools up to 176 m³.
Highly versatile, with top or side-mounted, six-way valve.
Maximum quality, with injection-moulded filters from Ø520 up to Ø760 mm and pumps up to 1.5 HP.

Features

Compact centrifugal pump.
Thermally welded, modified polypropylene filter.
Six-way valve 1 ½" in the Ø520 mm and Ø620 mm models; 2" in the Ø760 mm model.
Base unit in modified polypropylene.
Rigid pump-filter connection kit.

5 YEARS WARRANTY

Check conditions and terms at page 29

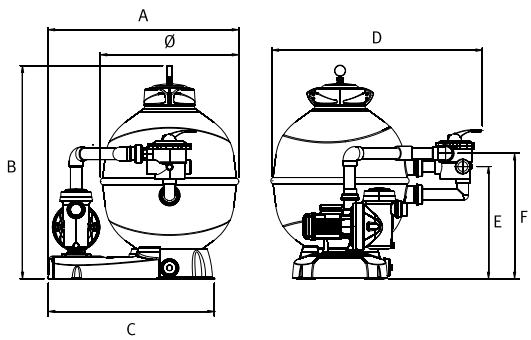
Characteristics

Model	Filter				Pump			Valve	Code	Components		
	Ø filter [mm]	Nominal flow [m³/h]	* Max. pool volume [m³]	Silex load [Kg]	P2 (HP)	I (A) 1~	Ø Suc. (mm)	Connection		Pump Code	Filter Code	Base Code
FPP 520 6LT SILEN S 75 15M	520	15,0	88	85	0,75	5,5	63/50	1 1/2"	132669	203148	130906	203121
FPP 620 6LT SILEN S 100 18M	620	18,0	128	145	1,0	6	63/50	1 1/2"	132671	203149	130907	203121
FPP 760 6LT SILEN S 150 22M	760	22,0	184	300	1,5	7,1	63/50	2"	132673	203150	130908	203122

(*) Maximum swimming pool volume (m³): considering water circulation of 8 hours/day at 10 mwc.

Dimensions and weights

Model	A	B	C	D	E	F	Kg
FPP 520 6LT SILEN S 75 15M	803	866	744	845	463	524	34,1
FPP 620 6LT SILEN S 100 18M	853	957	744	945	501	562	38,6
FPP 760 6LT SILEN S 150 22M	1054	1100	871	1076	630	711	51,6



Tekbox Swimming Pool

Underground technical box

Tekbox NT

Prefabricated technical box for buried fitting in the garden.
Perfectly blends in 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.

Thanks to its totally buried design, **Tekbox NT** is the perfect camouflage, blending in perfectly with the environment.

Characteristics

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

Characteristics

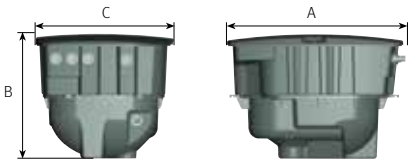
Model	Filter					Pump			Valve	Code
	Model	Ø filter [mm]	Nominal flow [m³/h]	* Max. pool volume [m³]	Silex load [Kg]	P2 (HP)	I (A) 1~	Ø Suc. (mm)	Connection	
TKP NT 520 SILEN I 100 15M	LIBRA	520	11,0	88	75	1,0	3,8	50	SIDE 1 1/2"	134465

Model	Filter				Pump			Valve	Code
	Ø filter [mm]	Nominal flow [m³/h]	* Max. pool volume [m³]	Silex load [Kg]	P2 (HP)	I (A) 1~	Ø Suc. (mm)	Connection	
TKP NT EMPTY	-	-	-	-	-	-	-	-	134529

Dimensions and weights

Model	A	B	C	Kg
TKP NT 520 SILEN I 100 15M	1.460	1.032	1.145	102

Model	A	B	C	Kg
TK NT EMPTY	1.460	1.032	1.145	60



(*) Maximum swimming pool volume (m³): considering water circulation of 8 hours/day at 10 mwc.

*For different Tekbox equipment options please contact one of our technicians.

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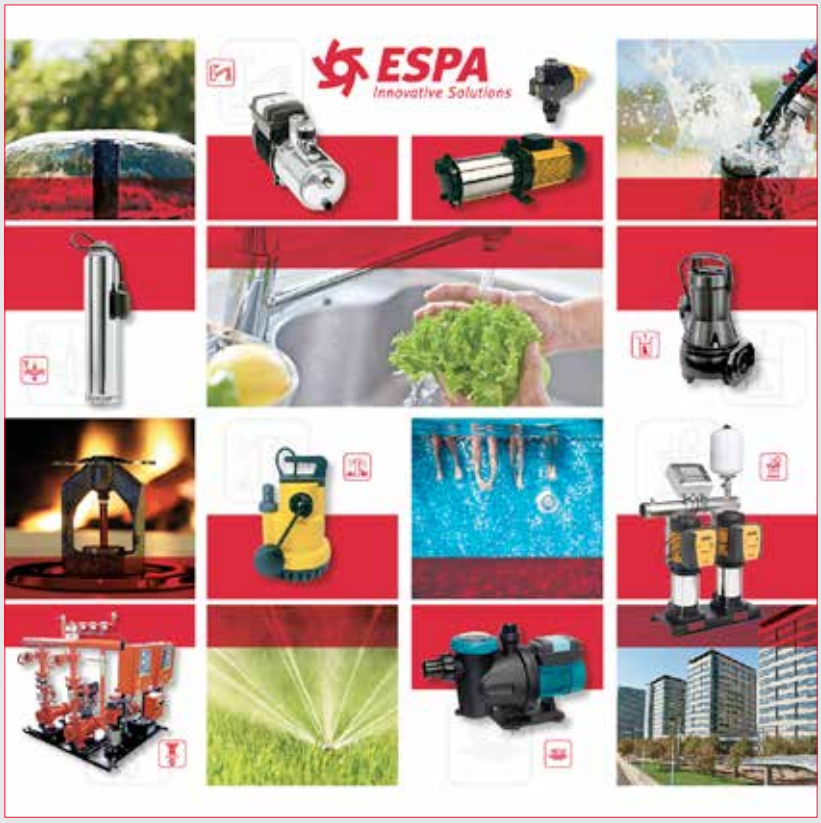
Branding elements

Silen Plus ROLL-UP
85 x 220 cm

PVC BANNER
200 x 200 cm



PVC BANNER
450 x 200 cm

New ESPA Pool pump range warranty

The extended warranty is exclusively for the ESPA Pool pump range and its application is specified in the following conditions:

1. The geographic scope of the extended warranty is strictly limited to the countries of the EC.

2. Standard period of two years warranty from invoice date according to the general terms of ESPA guarantee.

3. Extended warranty for an additional period of two years by **purchasing the product in one of the ESPA's evopool® partner accredited distributors.**

4. Extended warranty for an extra year if the **end-user registers the product at the site** filling, at least, all mandatory fields. The limit period for product registration will be a maximum of six months from the invoice date.

In any case, the maximum warranty period is five years from the product invoice date.

The terms of the warranty extension are the same as for the standard warranty, excluding all components of pump wear during normal use, such as:

- Mechanical seal
- Gaskets
- Capacitor
- Bearings
- Pre-filter basket

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Non-binding pictures; the technical specifications and/or the equipment might change depending on the model. ESPA has the right to change the content of the present catalogue without any further notice, always with the intention to improve the information that is given to our clients.

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Notes

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