

PERAQUA®
pooled family pleasure



**For a
crystal
clear
perspective**

*Filter systems
for clean, hygienic
water*

CLEAR AS DAYLIGHT

Top water quality and uncompromising cleanliness are essential for the ultimate in bathing pleasure.

Attractively designed in durable polyester and equipped with high quality filter media, our manual and automatic filter systems provide outstanding quality and performance.

For even greater comfort, easy upgrades with Aquastar® 7-position filter function automation or Loxone Aquastar® Air wi-fi pool controls are available.

It should now be clear as daylight how to get a crystal clear pool.



Polyester Sand Filter INNSBRUCK incl. Loxone Aquastar® Air pool control

Get more information at www.peraqua.com.



SMART FILTER VIENNA Side Mount

With original Praher 7-position backwash valve (manual), incl. glued piping set (neutral single packing), transparent filter lid, service opening 17.5 cm, manometer, manual air vent, neutral single packing, drain valve, 3 years guarantee for filter and 10 years guarantee for valve body.



Blue & red are available for minimum orders starting at 25 pcs

Symbol picture d1050, d1200

Polyester Sand Filter VIENNA laminated, Side Mount

Prod.No.	77364	77365	7300165	77366	77367
Ø filter mm	500	600	600	750	900
height mm	805	850	850	985	1050
connection	1.5"	1.5"	2" (*)	2"	2"
filtration area m²	0.19	0.3	0.3	0.44	0.64
filtration volume m³/h/m²	50	50	50	50	50
flow rate m³/h	10	14	14	22	32
sand kg	75	125	125	250	275
granular size 0.4 - 0.8 mm	25 kg	25 kg	25 kg	50 kg	25 kg
0.7 - 1.25 mm	50 kg	75 kg	75 kg	100 kg	125 kg
1.0 - 2.0 mm	-	25 kg	25 kg	75 kg	75 kg
2.0 - 4.0 mm	-	-	-	25 kg	75 kg
pool volume up to m³	72	112	112	168	240
max. operation pressure	2.5 bar	2.5 bar	2.5 bar	2.5 bar	2.5 bar
gross weight kg	20	25	25	33	51
packing volume m³	0.27	0.36	0.36	0.60	1.01

(*) better flow rate and pressure loss values using a 2" valve

SMART COMPACT FILTER SET

VIENNA Side Mount

With original Praher 7-position backwash valve (manual), incl. glued piping set + 3 pcs d50/1 ½" male threads, transparent filter lid, service opening 17.5 cm, manual air vent, with Smart filter pump series M, installed on PE filter pallet, neutral single packing, drain valve, 3 years guarantee for filter and 10 years guarantee for valve body



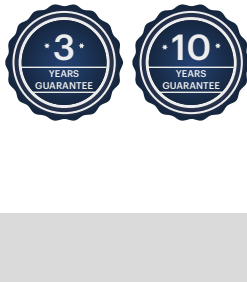
Compact Filter Set VIENNA laminated

	Prod.No. blue	red	black
D500, laminated, blue, with original Praher 7-position valve 1 ½", incl. pump 0.55 kW (0.75 HP) 10 m³/h	75039	75041	74424
D600, laminated, blue, with original Praher 7-position valve 1 ½", incl. pump 0.55 kW (0.75 HP) 12 m³/h	75040	75042	74425

SMART FILTER

VIENNA Top Mount

With original Praher 7-position backwash valve (manual), manometer, manual air vent, drain valve, max. operating temperature +50 °C, 3 years guarantee for filter and 10 years guarantee for valve body

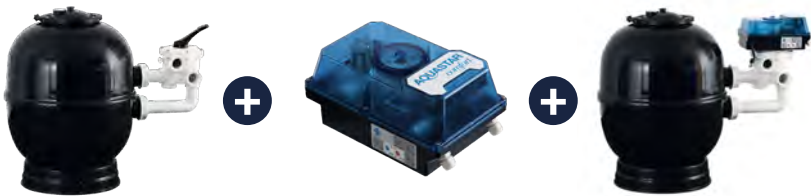


Polyester Sand Filter VIENNA laminated, Top Mount

Prod.No.	7300358	7300359	7300360	7300361
Ø filter mm	500	600	750	900
height mm	805	850	985	1050
connection	1.5"	1.5"	2"	2"
filtration area m²	0.19	0.3	0.44	0.64
filtration volume m³/h/m²	50	50	50	50
flow rate m³/h	10	14	22	32
sand kg	75	125	250	275
granular size 0.4 - 0.8 mm	25 kg	25 kg	50 kg	25 kg
0.7 - 1.25 mm	50 kg	75 kg	100 kg	125 kg
1.0 - 2.0 mm	-	25 kg	75 kg	75 kg
2.0 - 4.0 mm	-	-	25 kg	75 kg
pool volume up to m³	72	112	168	240
max. operation pressure	2.5 bar	2.5 bar	2.5 bar	2.5 bar
gross weight kg	20	25	33	51

AUTOMATION

WITH AQUASTAR® SERIES



Create your own fully automatic pool filter.

Select the filter dimension from a wide range + the Aquastar® model you need. We install the original Praher 7-position backwash valve included in the filter set. Of course all Aquastar models can be delivered with the matching piping sets for all common filter brands for retro-fit and automation of your manual filter system.

SMART FILTER
SALZBURG



Polyester Sand Filter SALZBURG bobbin wound, Side Mount

With original Praher 7-position backwash valve (manual), incl. glued piping set (neutral single packing), transparent filter lid, service opening 17.5 cm, manometer, manual air vent, neutral single packing, drain valve, 3 years guarantee for filter and 10 years guarantee for valve body



Polyester Sand Filter SALZBURG bobbin wound, Top Mount

With original Praher 7-position backwash valve (manual), manometer, manual air vent, drain valve, neutral single packing, 3 years guarantee for filter and 10 years guarantee for valve body

Prod.No.	Side Mount Top Mount	77353 7300349	77355 7300350	77356 7300351	7300113 7300352	77360 7300353
Ø filter mm	Side Mount Top Mount	400 415	500 515	600 620	750 780	900 930
height mm	Side Mount Top Mount	710 910	755 960	830 1030	915 1180	1060 1320
connection		1.5"	1.5"	1.5"	2"	2"
filtration area m²		0.13	0.2	0.28	0.44	0.64
filtration volume m³/h/m²		50	50	50	50	50
flow rate m³/h		6	10	14	22	32
sand kg		60	75	125	250	350
granular size 0.4 - 0.8 mm		60 kg	25 kg	25 kg	50 kg	75 kg
0.7 - 1.25 mm		-	50 kg	75 kg	100 kg	125 kg
1.0 - 2.0 mm		-	-	25 kg	75 kg	75 kg
2.0 - 4.0 mm		-	-	-	25 kg	75 kg
pool volume up to m³		48	72	112	168	240
max. operation pressure		2.5 bar	2.5 bar	2.5 bar	2.5 bar	2.5 bar

SMART FILTER
INNSBRUCK Side Mount

With transparent filter lid, incl. glued piping set (neutral single packing), service opening 20 cm, manometer, manual air vent, neutral single packing, drain valve, 2x IBG unions with solvent socket, max. operating temperature +40 °C, 3 years guarantee for filter and 10 years guarantee for valve body



Polyester Sand Filter INNSBRUCK laminated, Side Mount

Prod.No.	7300209	7300210	7300211	7300212	7300213
Ø filter mm	510	610	610	780	915
height mm	900	950	950	995	1060
connection	d50	d50	d63	d63	d63
filtration area m²	0.2	0.28	0.28	0.5	0.63
flow rate m³/h at 50 m³/h/m²	9	14	14	25	30
sand kg	95	120	120	200	400
granular size 0.4 - 0.8 mm	75 kg	65 kg	65 kg	110 kg	270 kg
3.0 - 5.0 mm	25 kg	55 kg	55 kg	90 kg	130 kg
max. operation pressure	2.5 bar	2.5 bar	2.5 bar	2.5 bar	2.5 bar
gross weight kg	23	26	28	38	49

SMART COMPACT FILTER SET

INNSBRUCK Side Mount

With original Praher 7-position backwash valve (manual), incl. glued piping set + 3 pcs Ocean® d50/1 ½" male threads, transparent filter lid, service opening 17.5 cm, manometer, manual air vent, with Smart filter pump series M, installed on PE filter pallet, neutral single packing, drain valve, 3 years guarantee for filter and 10 years guarantee for valve body



Compact Filter Set INNSBRUCK laminated, Side Mount

Art. Nr.

D500, laminated, blue, with original Praher 7-position valve 1 ½", incl. pump 0.55 kW (0.75 HP) 10 m³/h

73687

D600, laminated, blue, with original Praher 7-position valve 1 ½", incl. pump 0.55 kW (0.75 HP) 12 m³/h

73688

PUBLIC HIGH LAYER FILTER

KLAGENFURT

Blue filter lid Ø 20 cm, 2.5 bar operation pressure, max. operation temperature +40 °C, manometer, filter star or nozzle plate, 3" sight glass, lateral service opening, neutral single packing, with 1.0 m or 1.2 m Sand bed, 5 years guarantee for filter and 10 years guarantee for valve body



Optional with nozzle plate acc. DIN 19643/ÖNORM 6216 and transparent filter lid

Polyester high layer Sand Filter KLAGENFURT

Prod.No.	7300214	7300215	7300216	7300217	7300218
Ø filter D mm	510	610	780	1015	1235
height mm (SB 1000)	1750	1750	1850	1880	1950
height mm (SB 1200)	1960	1950	2050	2120	2150
A1 man hole DN	200	200	300	200	300
A2 man hole DN	300	300	300	400	400
B1 aerating	1.5"	1.5"	½"	¾"	DN40
B2 aerating	1.5"	1.5"	½"	¾"	1½"
filtration area m²	0.2	0.28	0.5	0.78	1.13
flow rate m³/h at 50 m³/h/m²	9	14	25	40	57
flow rate m³/h at 30 m³/m²	6	9	15	24	33
sand kg 1 m SB	295 kg	430 kg	750 kg	1176 kg	1697 kg
granular size 1m SB					
0.4 - 0.8 mm	235 kg	340 kg	600 kg	940 kg	1357 kg
1.0 - 2.0 mm	30 kg	45 kg	75 kg	118 kg	170 kg
3.15 - 5.6 mm	30 kg	45 kg	75 kg	118 kg	170 kg
sand kg 1.2 m SB	355 kg	509 kg	900 kg	1411 kg	2040 kg
granular size 1.2 m SB					
0.4 - 0.8 mm	295 kg	425 kg	750 kg	1175 kg	1700 kg
1.0 - 2.0 mm	30 kg	42 kg	75 kg	118 kg	170 kg
3.15 - 5.6 mm	30 kg	42 kg	75 kg	118 kg	170 kg
max operation pressure kg/cm²	2.5 bar	2.5 bar	2.5 bar	2.5 bar	2.5 bar
gross weight kg	470	630	1070	1900	2150
packing volume m³	0.42	0.61	1.13	1.92	2.75

SMART PPGF FILTER

GRAZ Side Mount

With original Praher 7-position backwash valve (manual), 1.8 bar operation pressure, max operation temperature +40 °C, 2 parts with chrome clamp ring, manometer, union with PVC insert PVC Ø 50 mm, 10 years guarantee for valve body



PPGF Sand Filter GRAZ 2-parts

Prod.No.	78612	78613	78614
Ø filter mm	400	500	600
height mm	750	810	1020
connection	2 ¼" AG	2 ¼" AG	2 ¼" AG
filtration area m²	0.12	0.20	0.28
flow rate at 30 m³/h	3.6	6	8.4
flow rate at 50 m³/h	6	10	14
flow rate at 60 m³/h	7.2	12	16.8
sand kg	50	75	125
granular size 0.4 - 0.8 mm	50 kg	50 kg	75 kg
0.7 - 1.25 mm	-	25 kg	50 kg
colour	yellow	yellow	blue
max. operation pressure	1.8 bar	1.8 bar	1.8 bar
net weight kg	10.5	13.8	19.8

SMART PPGF FILTER

AQUARIUS

With original Praher 7-position backwash valve (manual), manometer, manual air vent, 3.75 bar, max operation temperature +40 °C, beige, polished, 3 years guarantee for filter and 10 years guarantee for valve body



PPGF Filter AQUARIUS, Side Mount

Prod. No.	74679	74680	74681	74682
Ø filter mm	450	530	620	790
height mm	645	795	830	1010
connection	1.5"	1.5"	1.5"	2"
sand kg 0.4 - 0.8 mm (granular size)	75	100	150	250

PPGF Filter AQUARIUS, Top Mount

Prod. No.	74686	74687	74688
Ø filter mm	450	530	620
height mm	775	925	960
connection	1.5"	1.5"	1.5"
sand kg 0.4 - 0.8 mm (granular size)	75	100	150

BACKWASH VALVES

AQUASTAR® SERIES

AQUASTAR® easy 4001



Prod.No.	
131316	24 for Ocean® V6 ND 1 ½" + 2" 24 V AC/DC, time switch + pressure switch
131318	230 for Ocean® V6 ND 1 ½" + 2" 100-240 V AC, time switch + pressure switch

AQUASTAR® comfort 6501 SafetyPack



Prod.No.	
131295	24 for Ocean® V6 ND 1 ½" + 2" 24 V AC/DC, SafetyPack, integrated digital timer + pressure switch
131299	230 for Ocean® V6 ND 1 ½" + 2" 100-240 V AC, SafetyPack, integrated digital timer + pressure switch

SMART

GLASS FILTER MEDIUM

- It's angular to sub-angular particle shape and bouns silica content provides a 30 % improvement in turbidity removal over silica sand.
- It generally removes finer particles from water than the equivalent grade of silica sand.
- It's non porous composition means it is less likely to ‚clump‘ or channel than silica sand.
- With superior permeability, backwashes take less time, saving water/sewer charge and energy and chemical treatment costs.
- SMART FILTER GLASS MEDIUMS is cleaner:
It is less susceptible to bio-fouling as, unlike silica san, SMART GLASS FILTER MEDIUM particles have a smoother surface, so bacteria cannot get trapped in any cracks or flaws, which means less remedial action and again less chemical treatment to destroy pollutants.



Smart glass filter Medium

Prod.No.	
78345	Step 1, 0.5 – 1.0 mm, 25 kg bag
78346	Step 2, 1.0 – 3.0 mm, 25 kg bag
78347	Step 3, 3.0 – 7.0 mm, 25 kg bag

FULL SPEED
AHEAD

The EO swimming pool pump – the best product for all your requirements. In combination with our efficient filters the pump provides optimal cleaning and carefree operation.

The powerful and high-efficient EO filter pump is suitable for indoor pools, outdoor pools, natural pools and ponds. Moreover the swimming pool pump guarantees excellent performance in fresh and salt water.

The robust design and construction „made in Germany“ provides high quality and maximum reliability.



More information at www.peraqua.com.



SMART FILTER PUMP

SERIE M

Self priming, solvent socket d50/female thread 1 ½", 230 V with prefilter, 6–29m³/h, available in yellow or blue with an annual demand of 500 pcs

APPLICATION

Electrical self priming pump for pools with large pre-filter, which, together with its excellent hydraulic performance, gives a very large filtering capacity. A filter with transparent, polycarbonate lid that easily allows inspection of the interior of the pre-filter sieve. No possible electrical contact with the water as no parat of the motor is in open to it.

MATERIAL

Pump body, lid and diffuser in polypropylene, resistant to the chemical products in the pools and reinforced with glass fibre, guaranteeing excellent duration. Shaft in stainless steel AISI316. Noryl impeller. Transparent lid in polycarbonate. Support base in aluminium. Mechanical seal in carbon-ceramic and stainless steel AISI316. Bolts in AISI304. The pump allows two possible connections: Female thread 1 ½", Connection for PVC pipe d50 to glue:

MOTOR

Asynchronous motor, sealed from external ventilation, protection code IP55, 2,850 rpm, 50 Hz (on request 60 Hz), class F insulation, motor bearings greased for life and selected to ensure long duration and silent working.



Smart Filter Pump Series M

Prod.No.	230 V 400 V	77590 77590a	77591 77591a	77592 77592a	77594 77594a	77595 77595a
pump		M25	M33	M50	M75	M100
P2 (kW)		0.16	0.25	0.37	0.55	0.70
P1 (kW)		0.29	0.38	0.57	0.88	1.06
capacity m³/h at 8 m		6	8	10	12.5	15.3
connection		1.5"	1.5"	1.5"	1.5"	1.5"
HP		0.25	0.33	0.5	0.75	0.95

SMART FILTER PUMP

SERIE W

Self priming, 2", 230V, available in yellow or blue with an annual demand of 500 pcs

APPLICATION

Electrical self priming pump for pools with large pre-filter, which, together with its excellent hydraulic performance, gives a very large filtering capacity. A filter with transparent, polycarbonate lid that easily allows inspection of the interior of the pre-filter sieve. No possible electrical contact with the water as no parat of the motor is in open to it.

MATERIAL

Pump body, lid, base and diffuser and opening key in polypropylene, resistant to the chemical products in the pools and reinforced with glass fibre, guaranteeing excellent duration. Shaft in stainless steel AISI316. Noryl impeller. Mechanical seal in carbon-ceramic, on request: silicon carbide/tungsten carbon / AISI316. Bolts in AISI304 stainless steel. Intake and outlet connection 2".

MOTOR

Asynchronus motor, sealed from external ventilation. Protection IP55. 2.850 rpm, 50 - 60Hz Class F insulation. Motor bearings greased for life and selected to ensure long duration and silent working.



Smart Filter Pump Series W

Prod. No.	230 V 400 V	77964 77964a	77957 77957a	77958 77958a	77959 77959a	77960 77960a	77961 77961a
pump		W50	W75	W100	W150	W200	W300
P2 (kW)		0.37	0.55	0.75	1.1	1.5	2.2
P1 (kW)	230 V 400 V	0.57 0.56	0.8 0.77	1.06 1.03	1.51 1.49	2 2	2.78 2.75
capacity m³/h a 10 m		11.1	13.5	18	21	24	29
connection		2"	2"	2"	2"	2"	2"

SMART

EO SWIMMING POOL PUMP

EO series – best product, the filter pump for all requirements, indoor and outdoor pools, natural pools and ponds, up to 130 m³. Reliability for fresh and salt water (3 %), best fabrication „made in Germany“, delivered with 2 x 2" unions with solvent socket and 4 high-quality rubber-bonded metal cushions, IP55



Smart EO Swimming Pool Pump

Prod. No.	7300068	7300069	7300070	7300071	7300072	7300073	7300074	7300075	7300076
pump	EO 8-1	EO 11-1	EO 11-3	EO 15-1	EO 15-3	EO 19-1	EO 19-3	EO 23-3	EO 26-3
capacity m³/h at 8 mWS	8	11	11	15	16	18	19	23	26
max. discharge height m	12	15	15	13	13	14	14	18	21
connection mm	63	63	63	63	63	63	63	63	63
voltage V	230	230	400	230	400	230	400	400	400
P2 kW	0.37	0.55	0.55	0.75	0.75	0.75	0.75	1.1	1.5
pool size m²	45	60	60	90	90	110	110	120	130

SMART FILTER PUMP

POWER

Self-priming

APPLICATION

Self-priming pump. High-volume self-priming pump available in 2 and 4 poles versions ideal for larger filter systems. Features large suction-side pre-filter which together with excellent hydraulic performance ensures extremely high filtration capacity. Filter with polycarbonate cover for easy viewing of pre-filter basket content. Features standard connection flanges which together with broad base make the system extremely robust. Turbine available in 2 versions, Noryl or marine bronze, as per request.

MATERIAL

Pre-filter, body, pump body, volute, countervolute and cover made of glass fibre-loaded polypropylene resistant to pool chemicals. Pre-filter basket in polyethylene. Polycarbonate pre-filter cover with four-pin closure system. Noryl impeller. Mechanical seal in ceramic carbon and AISI-316 stainless steel (also for use with sea water) Screws and shaft stainless steel AISI-316Mechanical seal in ceramic carbon and AISI-316 stainless steel (also for use with sea water) Screws and shaft stainless steel AISI-316

MOTOR

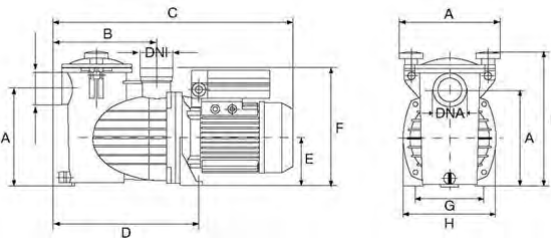
Asynchronous motor with external ventilation. Protection grade IP-55. Class F insulation. Double frequency (50 and 60 Hz). Motor bearings greased for life to ensure long and silent operation.



Smart Filter Pump Power

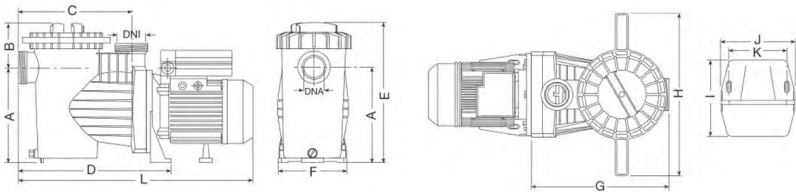
Prod. No.	74464	74465	74466	74467	74468	74469	74470
pump	P300	P400	P550	P750	P1000	P1250	P1500
P2 (kW)	2.2	3	4	5.5	7.5	9.2	11
P1 (kW)	2.72	3.63	4.75	6.42	8.62	10.45	12.44
net kg	40.5	42.5	51.4	64	74	82.5	83.5
gross kg	42.5	44.5	53.4	66	76	84.5	85.5

DIMENSIONS



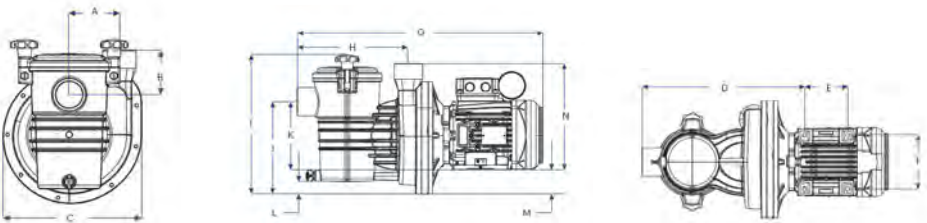
DIMENSIONS SERIES M

Prod.No.	Pump	A	B	C	D	E	F	G	H	I	J	L	A	H
77590(a)	M25	191	205	470	285	95	233	140	180	265	197	630	230	360
77591(a)	M33	191	205	470	285	95	233	140	180	265	197	630	230	360
77592(a)	M50	191	205	470	285	95	233	140	180	265	197	630	230	360
77594(a)	M75 (12 m³/h)	191	205	470	285	95	233	140	180	265	197	630	230	360
77595(a)	M100	191	205	470	285	95	233	140	180	265	197	630	230	360



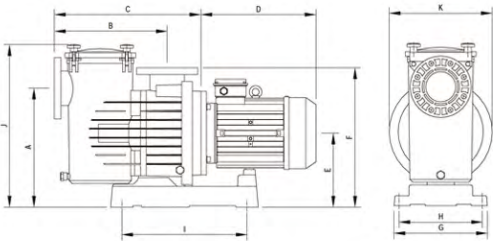
DIMENSIONS SERIES W

Prod.No.	Pump	A	B	C	D	E	F	G	H	I	J	L
77964(a)	W50	216	109	265	370	325	206	325	400	220	205	550
77957(a)	W75	216	109	265	370	325	206	325	400	220	197	630
77958(a)	W100	216	109	265	370	325	206	325	400	220	205	550
77959(a)	W150	216	109	265	370	325	206	325	400	220	205	580
77960(a)	W200	216	109	265	370	325	206	325	400	220	205	580
77961(a)	W300	216	109	265	370	325	206	325	400	220	205	630



DIMENSIONS SERIES EO

Prod.No.	Pump	A	B	C	D	E	F	G	H	I	J	K	L	M	N
-	EO 8 bis EO 19	89	79	246	339	90	112	514	233	291	193	141	26	45	220
7300075	EO 23	89	79	246	344	100	125	549	233	291	193	150	26	43	229
7300076	EO 26	89	79	246	365	125	140	581	233	291	193	160	26	33	239

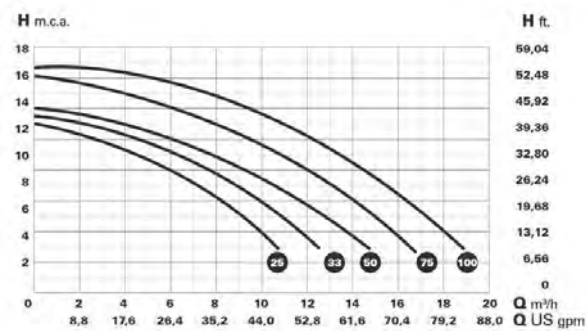


DIMENSIONS POWER

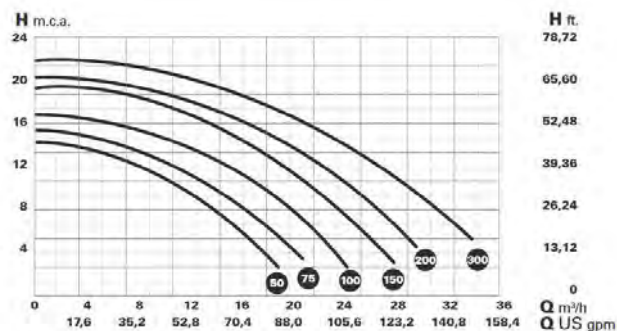
Prod.No.	Pump	A	B	C	D	E	F	G	H	I	J	K
74464	P300	423	410	525	310	265	500	335	300	450	590	370
74465	P400	423	410	525	310	265	500	335	300	450	590	370
74466	P550	423	410	525	335	265	500	335	300	450	590	370
74467	P750	423	410	525	380	265	500	335	300	450	590	370
74468	P1000	423	410	525	380	265	500	335	300	450	590	370
74469	P1250	423	410	525	380	265	500	335	300	450	590	370
74470	P1500	423	410	525	380	265	500	335	300	450	590	370

COMPARISON
PUMP CURVES

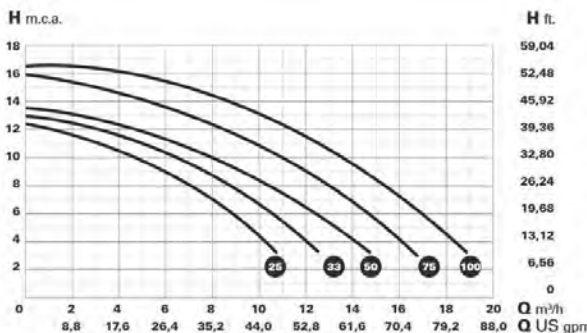
FILTER PUMP Series M



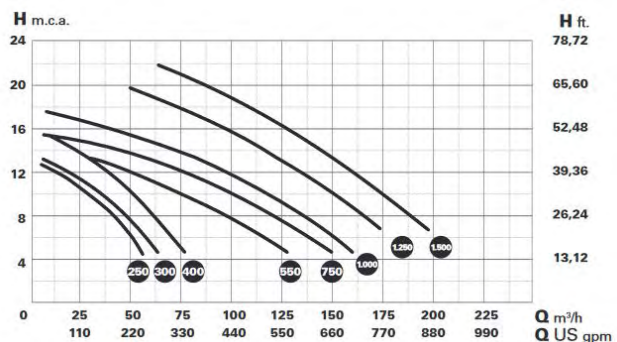
FILTER PUMP Series W



EO Swimming Pool Pump



FILTER PUMP Power



Where there's a will, there's a way

Finding ways has made us Austria's leading producer of pool equipment with a sound foundation of more than 45 years of experience in swimming pool and water treatment technology.

We are committed to providing products made of high-quality materials with components that work together perfectly, promising easy handling and maximum durability. For us, reliability starts with product development and ends with families enjoying more fun and leisure time together around their pool thanks to perfectly coordinated technology and first class quality.

PERAQUA: Your partner for smart pool automation and accessories.



PERAQUA®

pooled family pleasure

HEAD QUARTER AND EXPORT

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