

Patented Numbers
2020/01014



PIMPLAST® FILTER SYSTEMS



NanoFiber Vortex Filter Manual and Automatic



PİMPLAST® FILTER SYSTEMS

As Pimplast Filter Systems, we always prioritize sustainability, innovation and quality in water filtration. Under the guidance of PİMTAŞ, we work devotedly to offer the best and most reliable solutions to our customers.

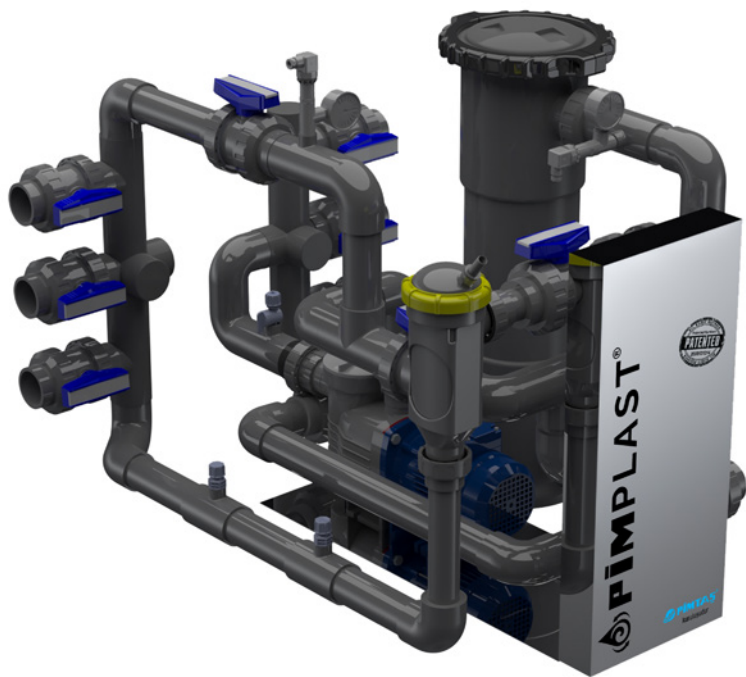
Nanofiber Vortex Filter makes a difference with its superior technology that revolutionizes water filtration. By combining the high-quality filtration capabilities of nanofiber fabric with vortex technology, it enables more effective and efficient water purification. Moreover, it can be easily used in various industries and pool systems.

The filtration process is fully automated, making it effortless and reliable to use. With our smartphone app, you can monitor and control the system remotely, ensuring the filtration process is always under your control.

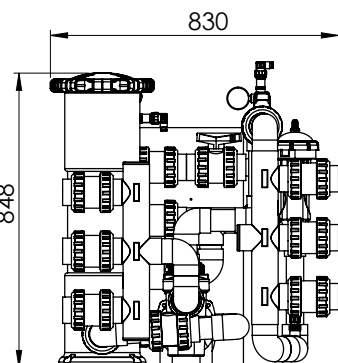
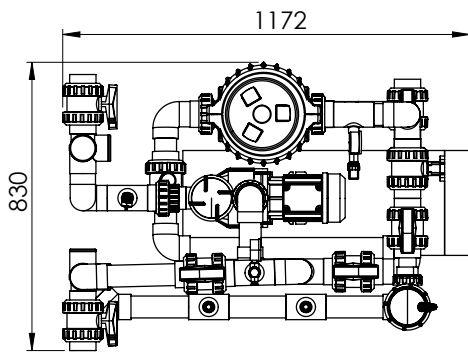
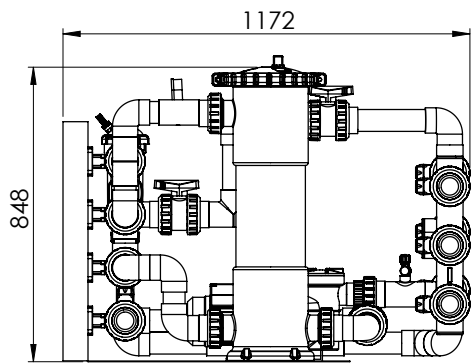
Thanks to its backwash feature and easy operation, the Nanofiber Vortex Filter is an alternative to many conventional filtration systems. This innovative solution not only reduces your operating costs but also offers an environmentally friendly usage.



POOL SYSTEM 1

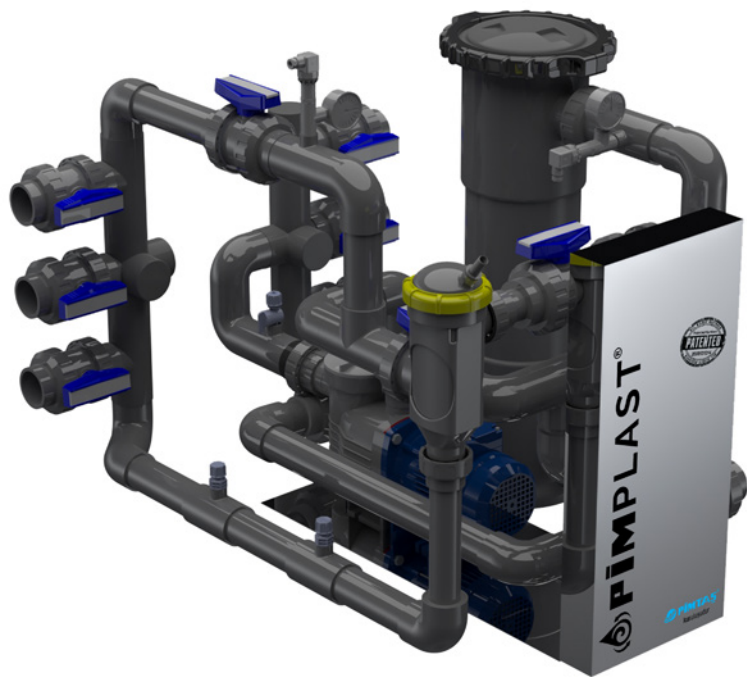


27 m3/h Nanofiber Vortex Filter	1 piece
0.75 hp Single Phase Pool Pump	1 piece
S.V.K. Unit	1 piece
Collector-Distributor Collector	1 piece
12 grm/h Salt Chlorine Generator	1 piece
A 2,8L/3B A 220AT Peristatic Pump	1 piece
Double Inlet Electrode Chamber	1 piece
Ph-Orp Electrode	1 piece
Calibration Fluids	1 piece
PP Honeycomb Panel 60x90 cm	1 piece

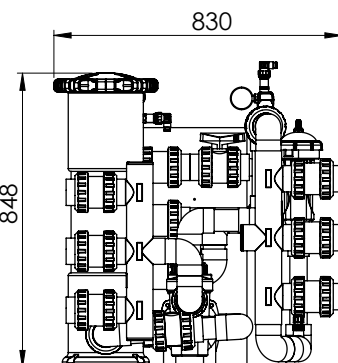
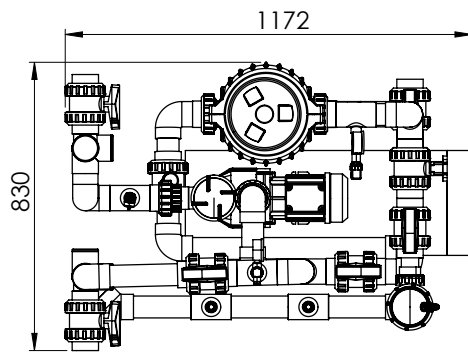
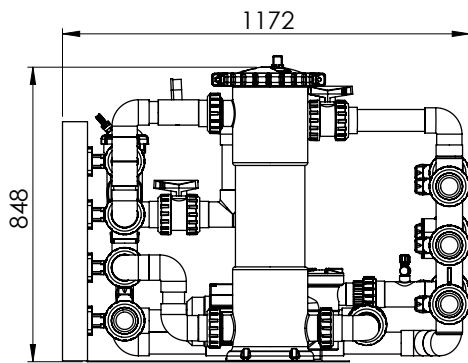


CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
798100001	1 µm	27	1,5	10	63		10.834,00 €
798100005	5 µm	27	1,5	10	63		10.834,00 €
798100010	10 µm	27	1,5	10	63		10.834,00 €
798100025	25 µm	27	1,5	10	63		10.834,00 €
798100050	50 µm	27	1,5	10	63		10.834,00 €
798100075	75 µm	27	1,5	10	63		10.834,00 €
798100100	100 µm	27	1,5	10	63		10.834,00 €

POOL SYSTEM 2

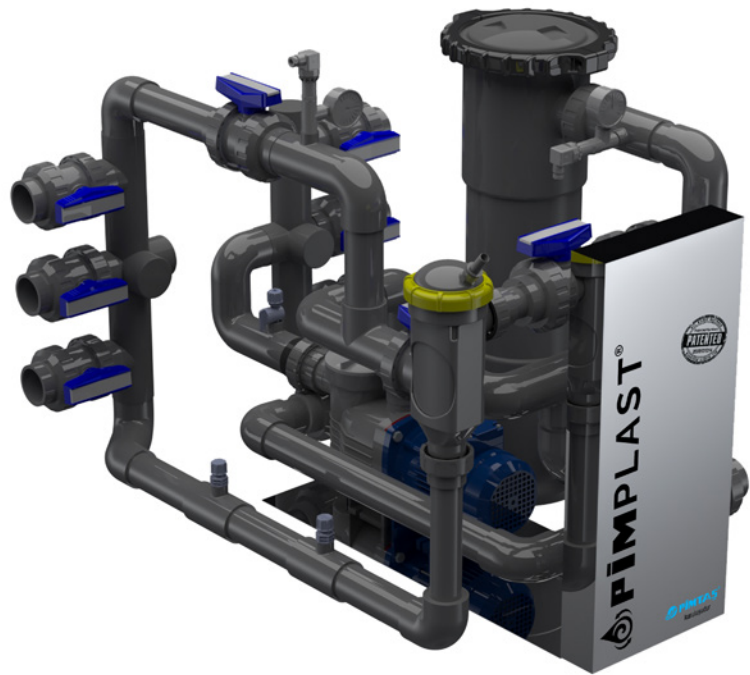


27 m3/h Nanofiber Vortex Filter	1 piece
1.5 hp Single Phase Pool Pump	1 piece
S.V.K. Unit	1 piece
Collector-Distributor Collector	1 piece
24 grm/h Salt Chlorine Generator	1 piece
A 2,8L/3B A 220AT Peristatic Pump	1 piece
Double Inlet Electrode Chamber	1 piece
Ph-Orp Electrode	1 piece
Calibration Fluids	1 piece
PP Honeycomb Panel 60x90 cm	1 piece

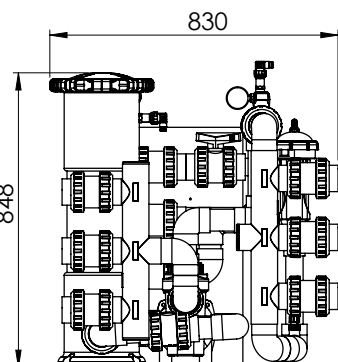
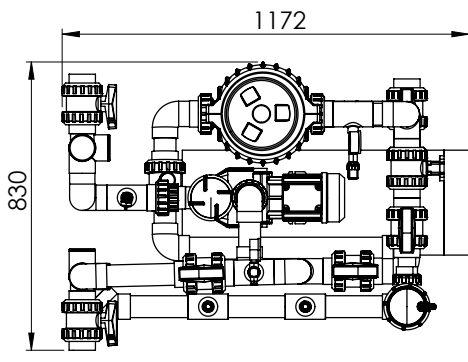
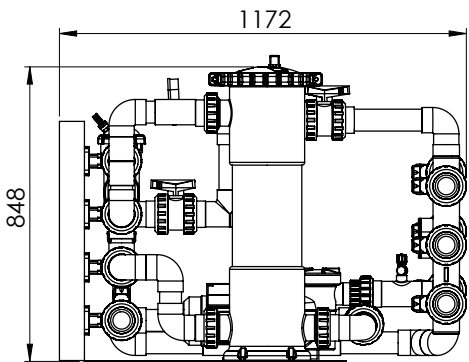


CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
798200001	1 µm	27	1,5	10	63		11.160,00 €
798200005	5 µm	27	1,5	10	63		11.160,00 €
798200010	10 µm	27	1,5	10	63		11.160,00 €
798200025	25 µm	27	1,5	10	63		11.160,00 €
798200050	50 µm	27	1,5	10	63		11.160,00 €
798200075	75 µm	27	1,5	10	63		11.160,00 €
798200100	100 µm	27	1,5	10	63		11.160,00 €

POOL SYSTEM 3

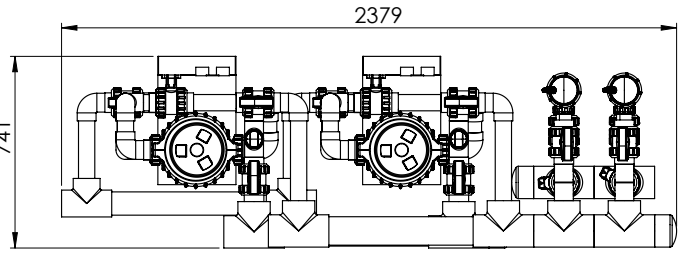
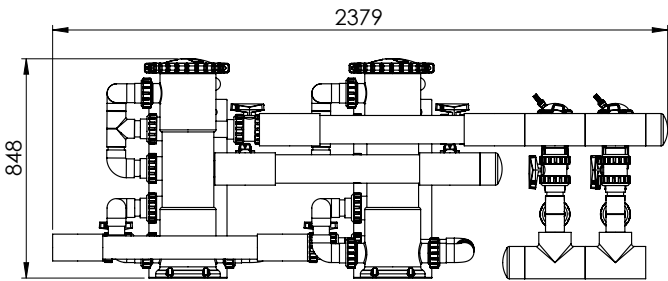
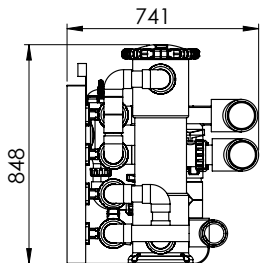


27 m3/h Nanofiber Vortex Filter	1 piece
2 hp hp Single Phase Pool Pump	1 piece
S.V.K. Unit	1 piece
Collector-Distributor Collector	1 piece
36 grm/h Salt Chlorine Generator	1 piece
A 2,8L/3B A 220AT Peristaltic Pump	1 piece
Double Inlet Electrode Chamber	1 piece
Ph-Orp Electrode	1 piece
Calibration Fluids	1 piece
PP Honeycomb Panel 60x90 cm	1 piece



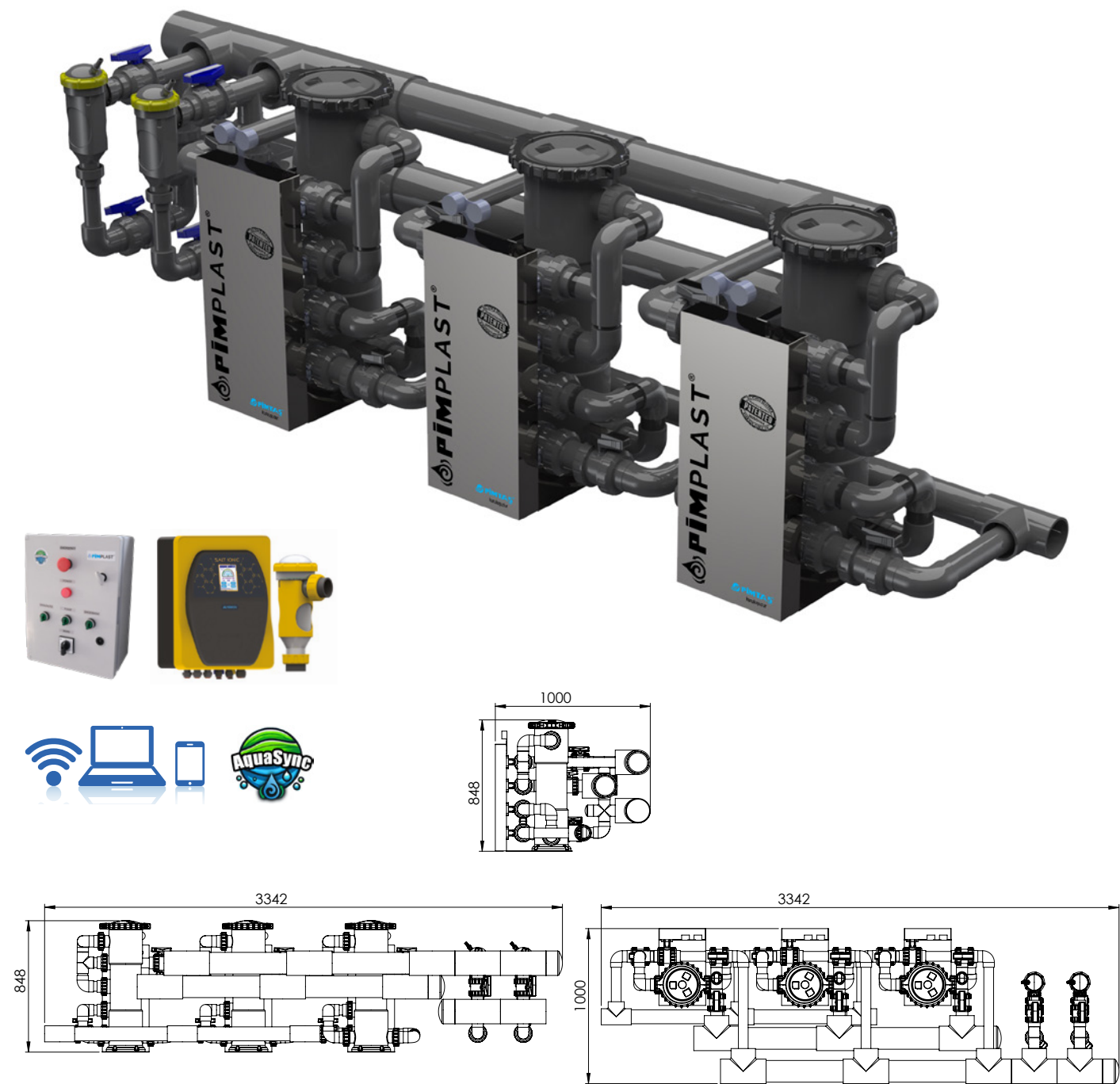
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
798300001	1 µm	27	1,5	10	63		11.625,00 €
798300005	5 µm	27	1,5	10	63		11.625,00 €
798300010	10 µm	27	1,5	10	63		11.625,00 €
798300025	25 µm	27	1,5	10	63		11.625,00 €
798300050	50 µm	27	1,5	10	63		11.625,00 €
798300075	75 µm	27	1,5	10	63		11.625,00 €
798300100	100 µm	27	1,5	10	63		11.625,00 €

POOL SYSTEM 4



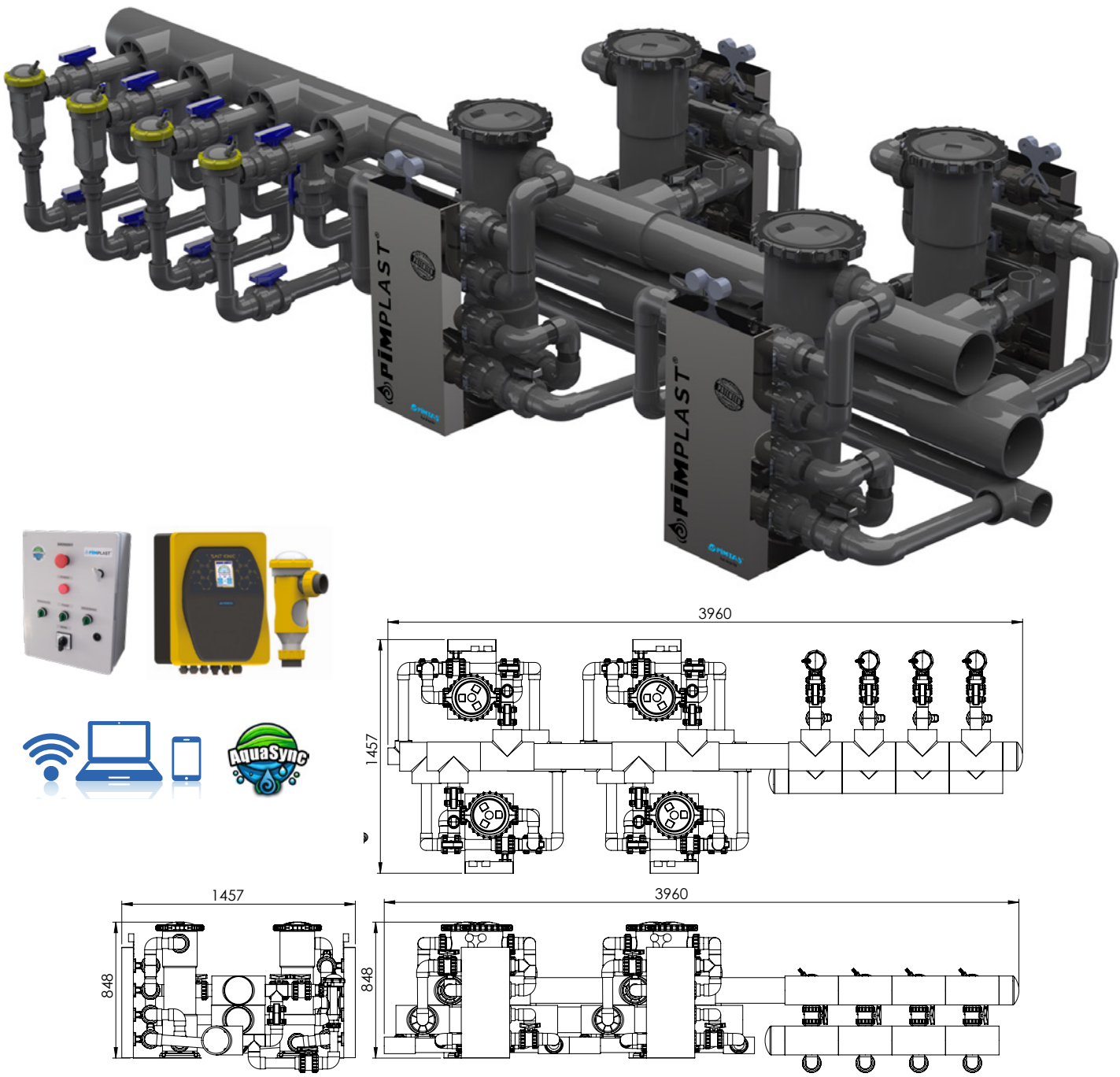
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
798400001	1 µm	54	1,5	10	110		18.690,00 €
798400005	5 µm	54	1,5	10	110		18.690,00 €
798400010	10 µm	54	1,5	10	110		18.690,00 €
798400025	25 µm	54	1,5	10	110		18.690,00 €
798400050	50 µm	54	1,5	10	110		18.690,00 €
798400075	75 µm	54	1,5	10	110		18.690,00 €
798400100	100 µm	54	1,5	10	110		18.690,00 €

POOL SYSTEM 5



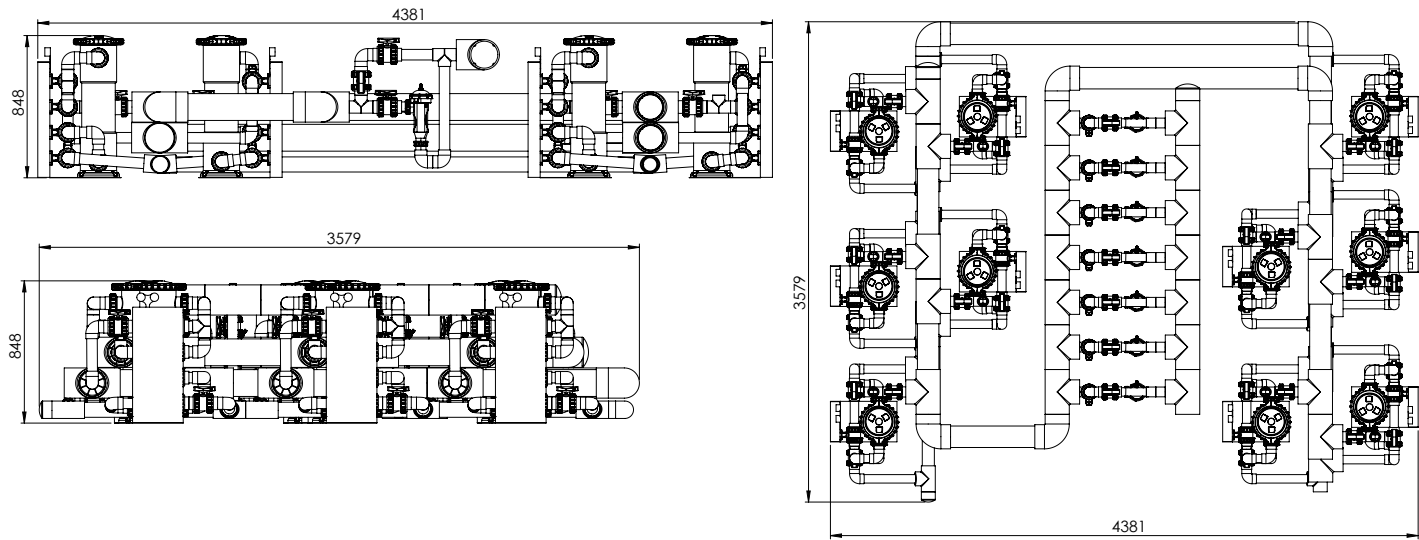
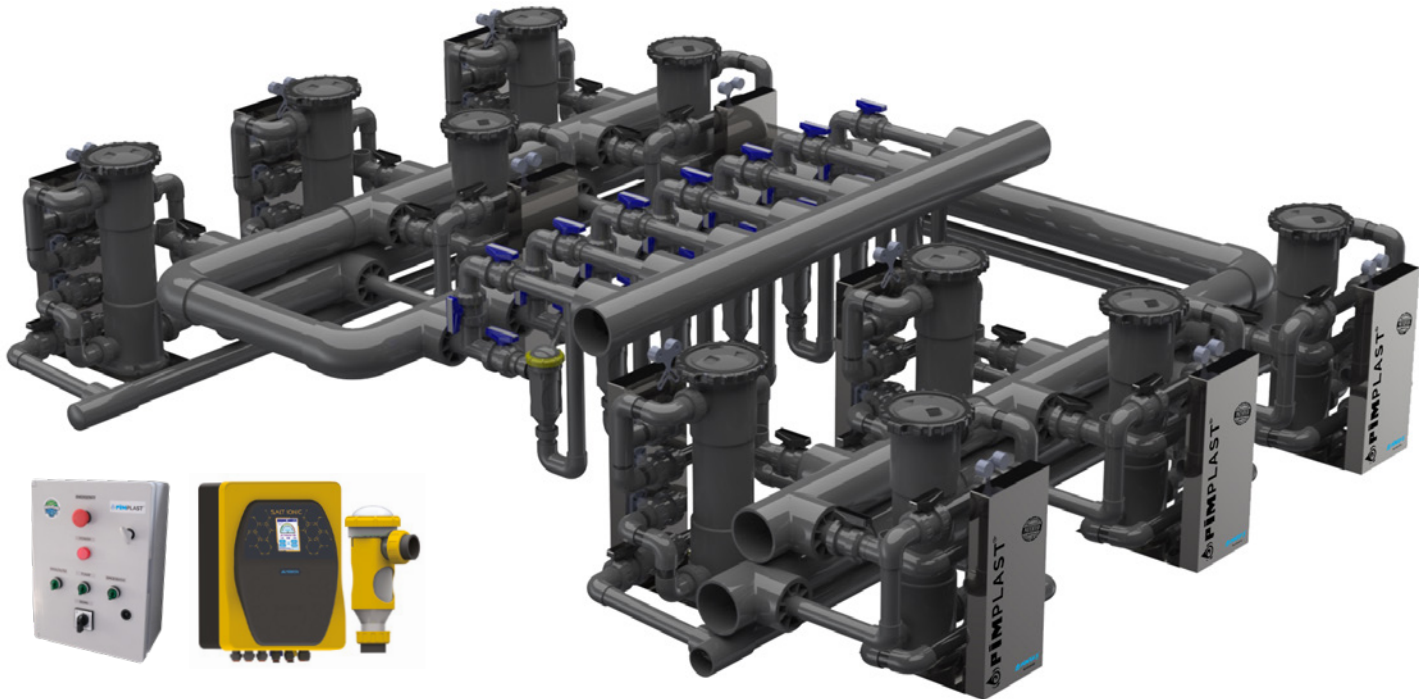
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
798500001	1 µm	81	1,5	10	140		32.318,00€
798500005	5 µm	81	1,5	10	140		32.318,00€
798500010	10 µm	81	1,5	10	140		32.318,00€
798500025	25 µm	81	1,5	10	140		32.318,00€
798500050	50 µm	81	1,5	10	140		32.318,00€
798500075	75 µm	81	1,5	10	140		32.318,00€
798500100	100 µm	81	1,5	10	140		32.318,00€

POOL SYSTEM 6



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
798600001	1 µm	108	1,5	10	160		49.226,00 €
798600005	5 µm	108	1,5	10	160		49.226,00 €
798600010	10 µm	108	1,5	10	160		49.226,00 €
798600025	25 µm	108	1,5	10	160		49.226,00 €
798600050	50 µm	108	1,5	10	160		49.226,00 €
798600075	75 µm	108	1,5	10	160		49.226,00 €
798600100	100 µm	108	1,5	10	160		49.226,00 €

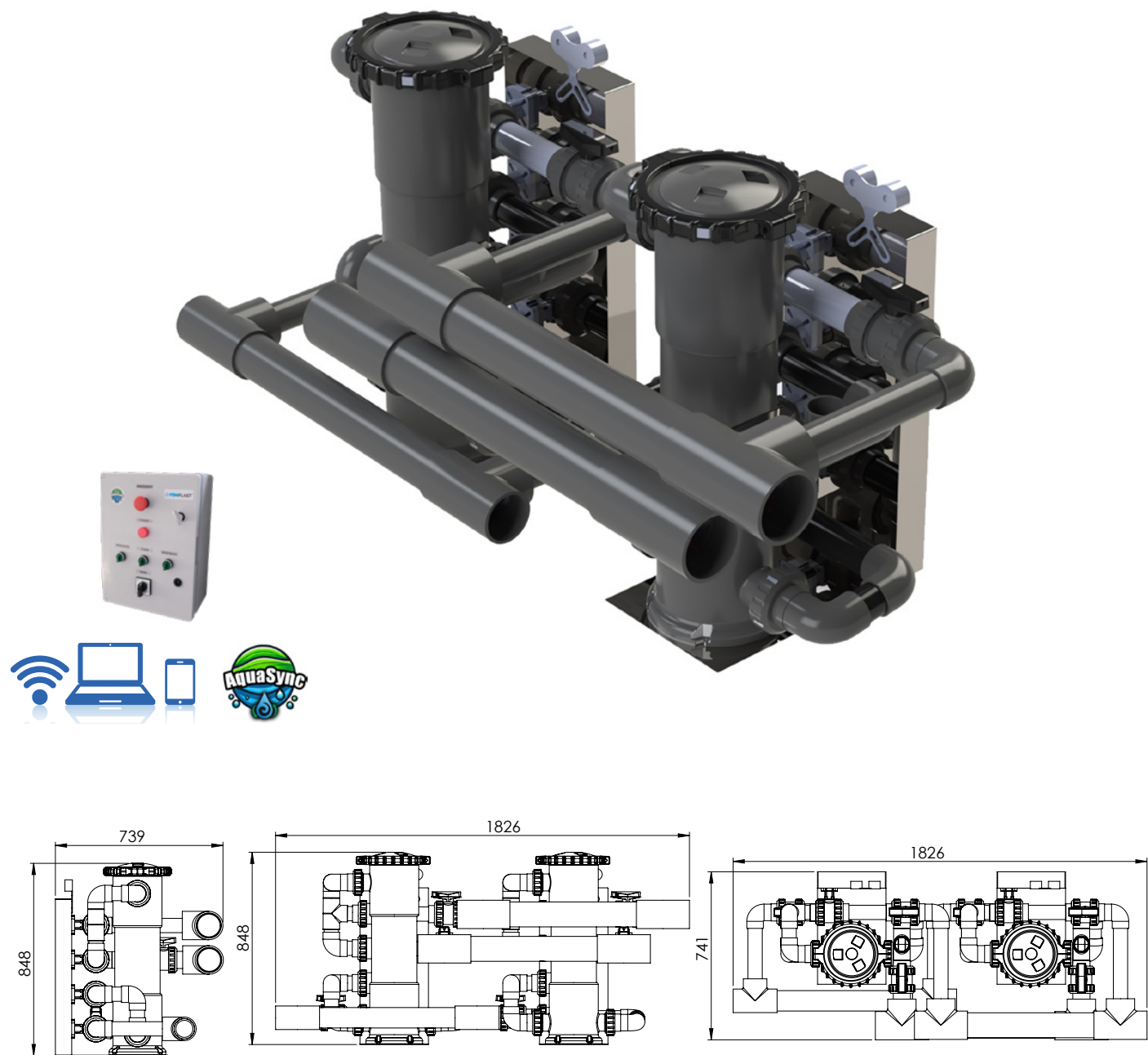
POOL SYSTEM 7



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
798700001	1 µm	270	1,5	10	160		85.575,00 €
798700005	5 µm	270	1,5	10	160		85.575,00 €
798700010	10 µm	270	1,5	10	160		85.575,00 €
798700025	25 µm	270	1,5	10	160		85.575,00 €
798700050	50 µm	270	1,5	10	160		85.575,00 €
798700075	75 µm	270	1,5	10	160		85.575,00 €
798700100	100 µm	270	1,5	10	160		85.575,00 €

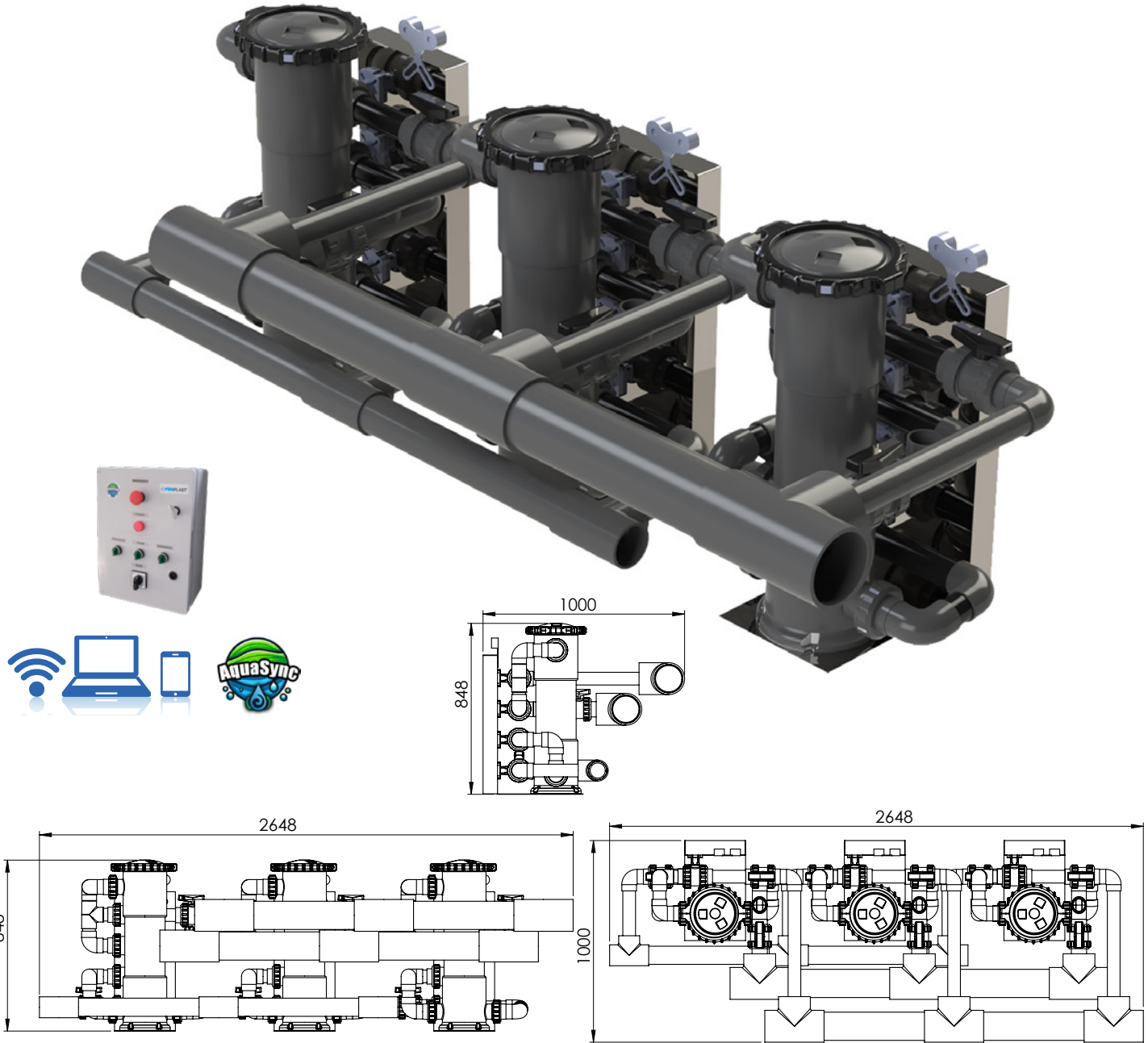


SET 1 54 m3/h AQUASYNC CONTROL



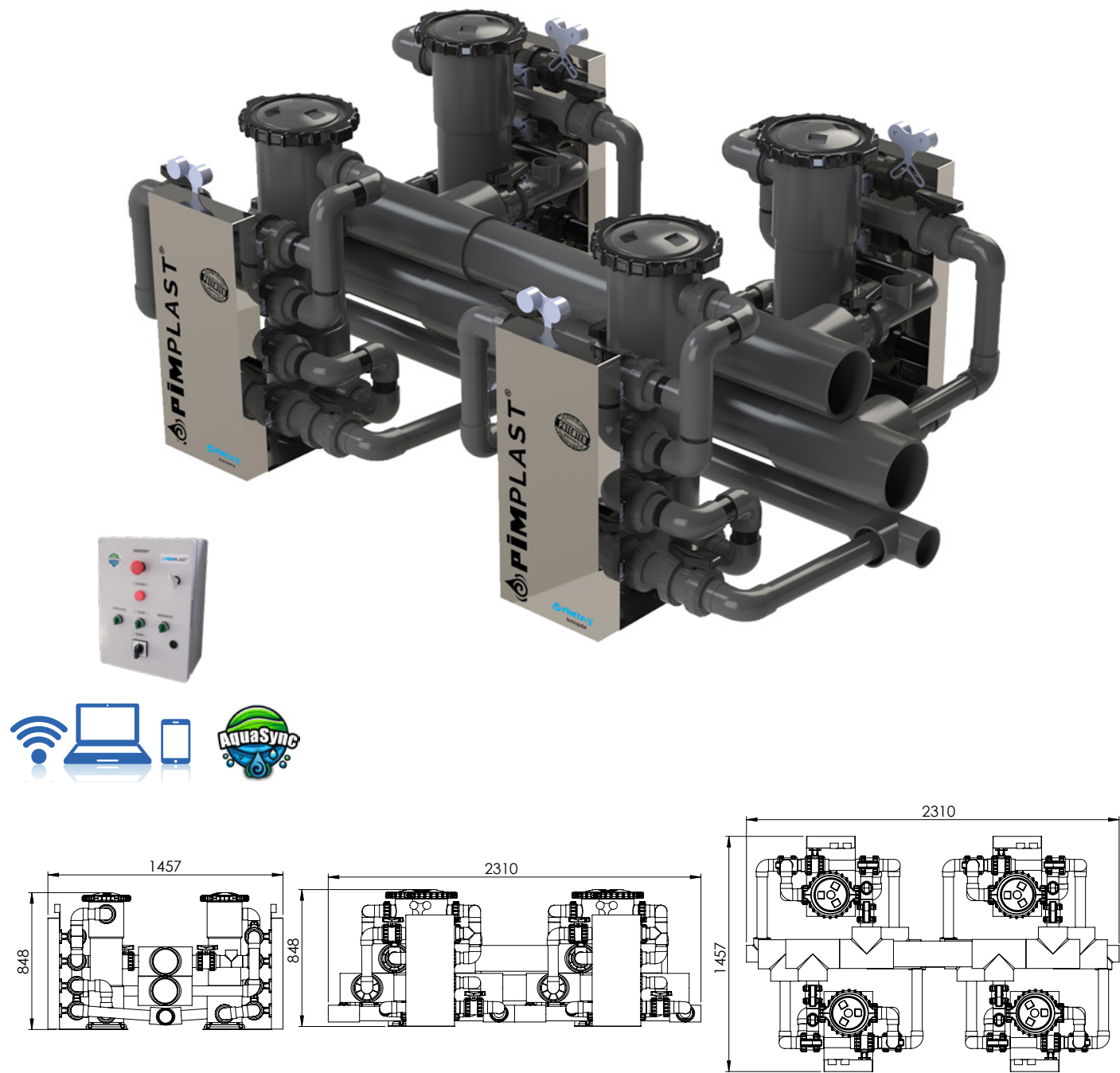
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
792800001	1 µm	54	1,5	10	110		10.800,00 €
792800005	5 µm	54	1,5	10	110		10.800,00 €
792800010	10 µm	54	1,5	10	110		10.800,00 €
792800025	25 µm	54	1,5	10	110		10.800,00 €
792800050	50 µm	54	1,5	10	110		10.800,00 €
792800075	75 µm	54	1,5	10	110		10.800,00 €
792800100	100 µm	54	1,5	10	110		10.800,00 €

SET 2 81 m3/h AQUASYNC CONTROL



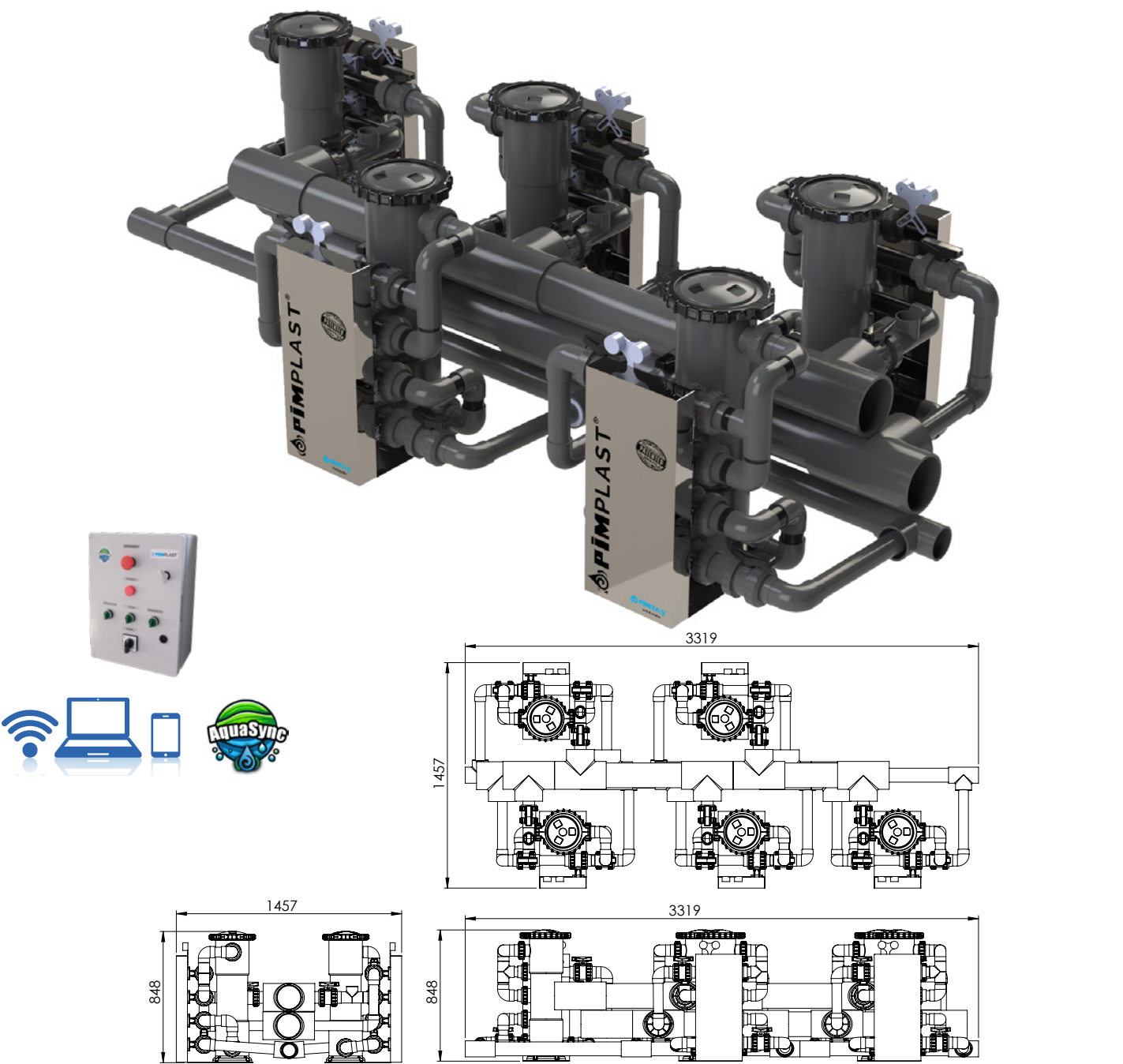
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
793800001	1 µm	81	1,5	10	140		14.080,00 €
793800005	5 µm	81	1,5	10	140		14.080,00 €
793800010	10 µm	81	1,5	10	140		14.080,00 €
793800025	25 µm	81	1,5	10	140		14.080,00 €
793800050	50 µm	81	1,5	10	140		14.080,00 €
793800075	75 µm	81	1,5	10	140		14.080,00 €
793800100	100 µm	81	1,5	10	140		14.080,00 €

SET 3 108 m3/h AQUASYNC CONTROL



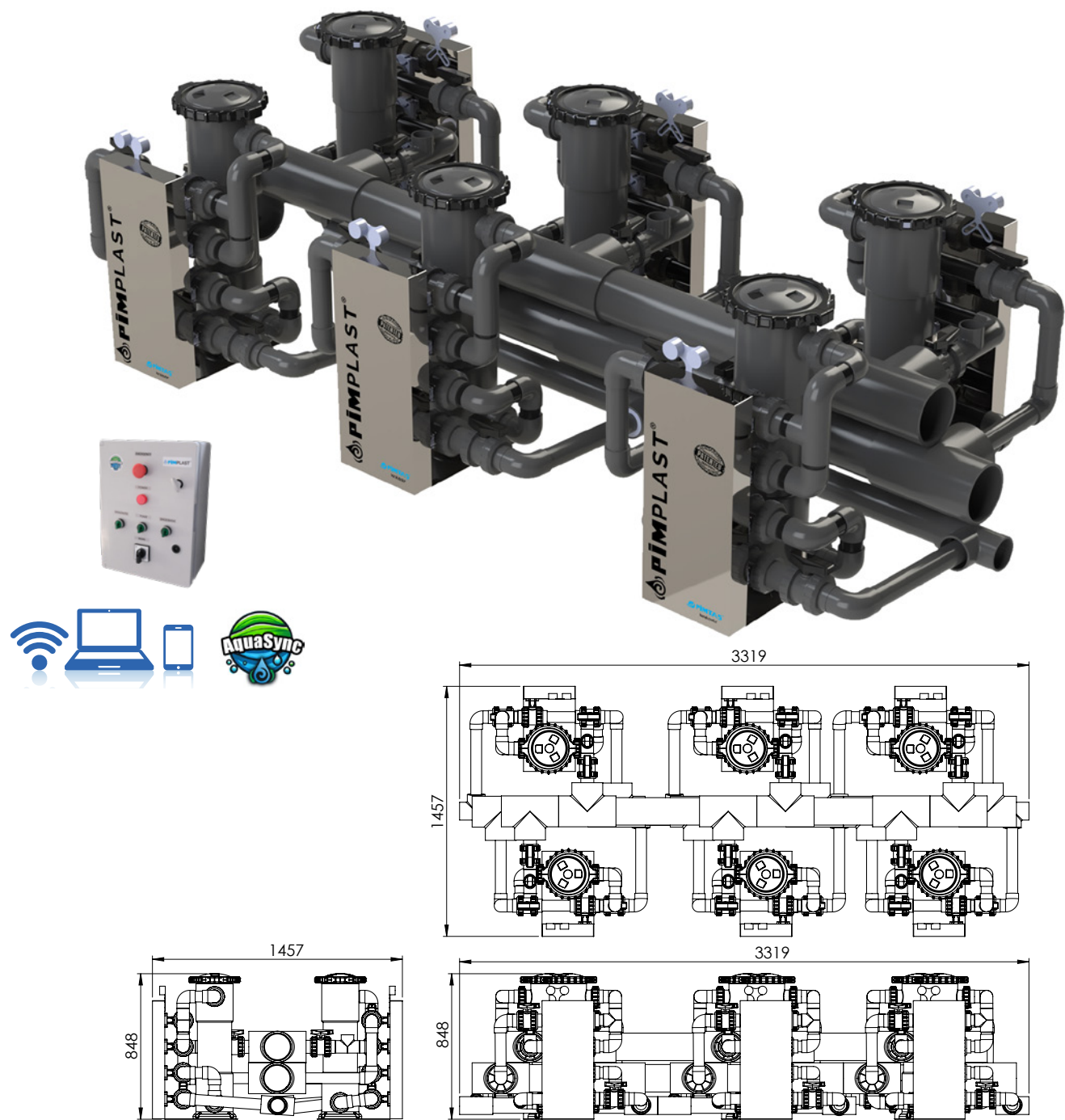
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
794800001	1 µm	108	1,5	10	160		17.362,00 €
794800005	5 µm	108	1,5	10	160		17.362,00 €
794800010	10 µm	108	1,5	10	160		17.362,00 €
794800025	25 µm	108	1,5	10	160		17.362,00 €
794800050	50 µm	108	1,5	10	160		17.362,00 €
794800075	75 µm	108	1,5	10	160		17.362,00 €
794800100	100 µm	108	1,5	10	160		17.362,00 €

SET 4 135 m3/h AQUASYNC CONTROL



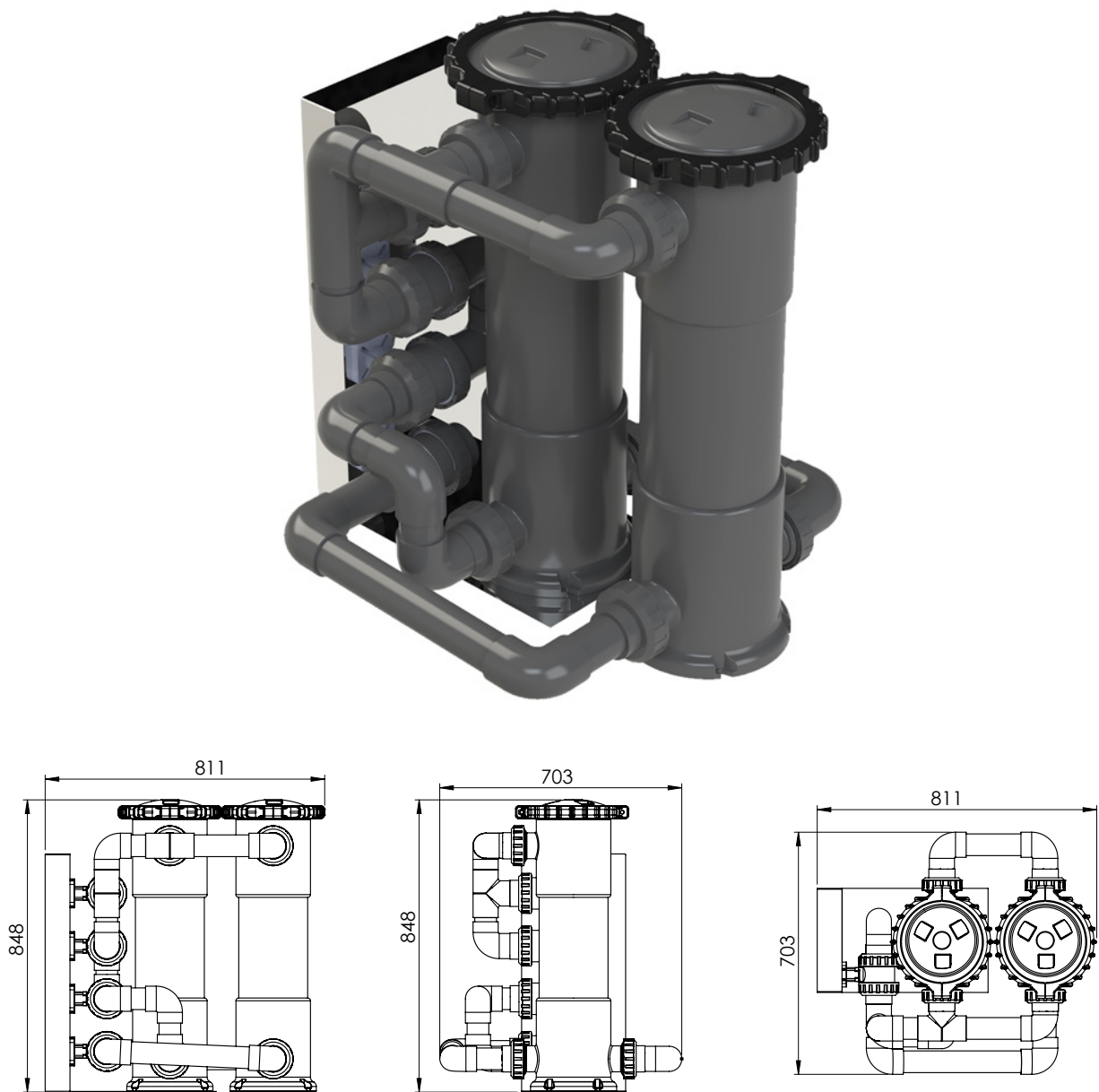
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
795800001	1 µm	135	1,5	10	160		20.645,00 €
795800005	5 µm	135	1,5	10	160		20.645,00 €
795800010	10 µm	135	1,5	10	160		20.645,00 €
795800025	25 µm	135	1,5	10	160		20.645,00 €
795800050	50 µm	135	1,5	10	160		20.645,00 €
795800075	75 µm	135	1,5	10	160		20.645,00 €
795800100	100 µm	135	1,5	10	160		20.645,00 €

SET 5 162 m3/h AQUASYNC CONTROL



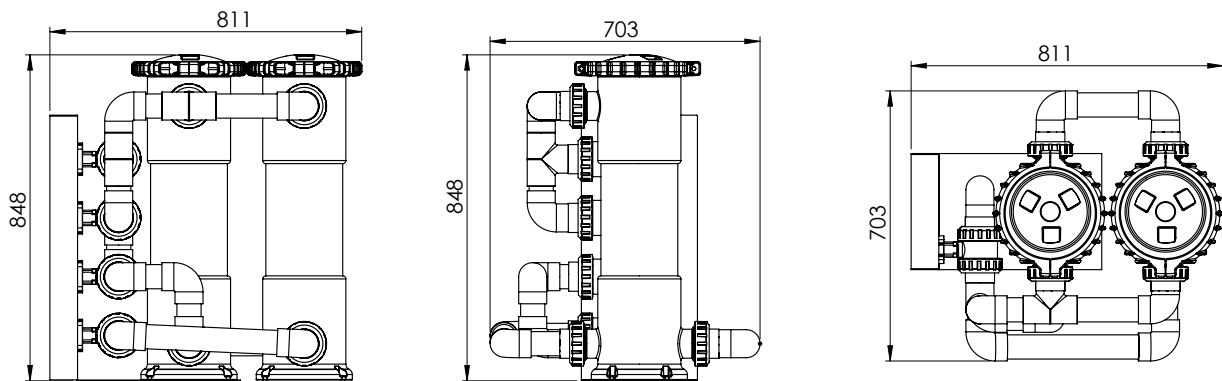
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
796800001	1 µm	162	1,5	10	200		23.925,00 €
796800005	5 µm	162	1,5	10	200		23.925,00 €
796800010	10 µm	162	1,5	10	200		23.925,00 €
796800025	25 µm	162	1,5	10	200		23.925,00 €
796800050	50 µm	162	1,5	10	200		23.925,00 €
796800075	75 µm	162	1,5	10	200		23.925,00 €
796800100	100 µm	162	1,5	10	200		23.925,00 €

SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER 27 m3/h (FILTER SURFACE AREA INCREASED.)



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791220001	1 µm	27	1,5	10	63		4.030,00 €
791220005	5 µm	27	1,5	10	63		4.030,00 €
791220010	10 µm	27	1,5	10	63		4.030,00 €
791220025	25 µm	27	1,5	10	63		4.030,00 €
791220050	50 µm	27	1,5	10	63		4.030,00 €
791220075	75 µm	27	1,5	10	63		4.030,00 €
791220100	100 µm	27	1,5	10	63		4.030,00 €

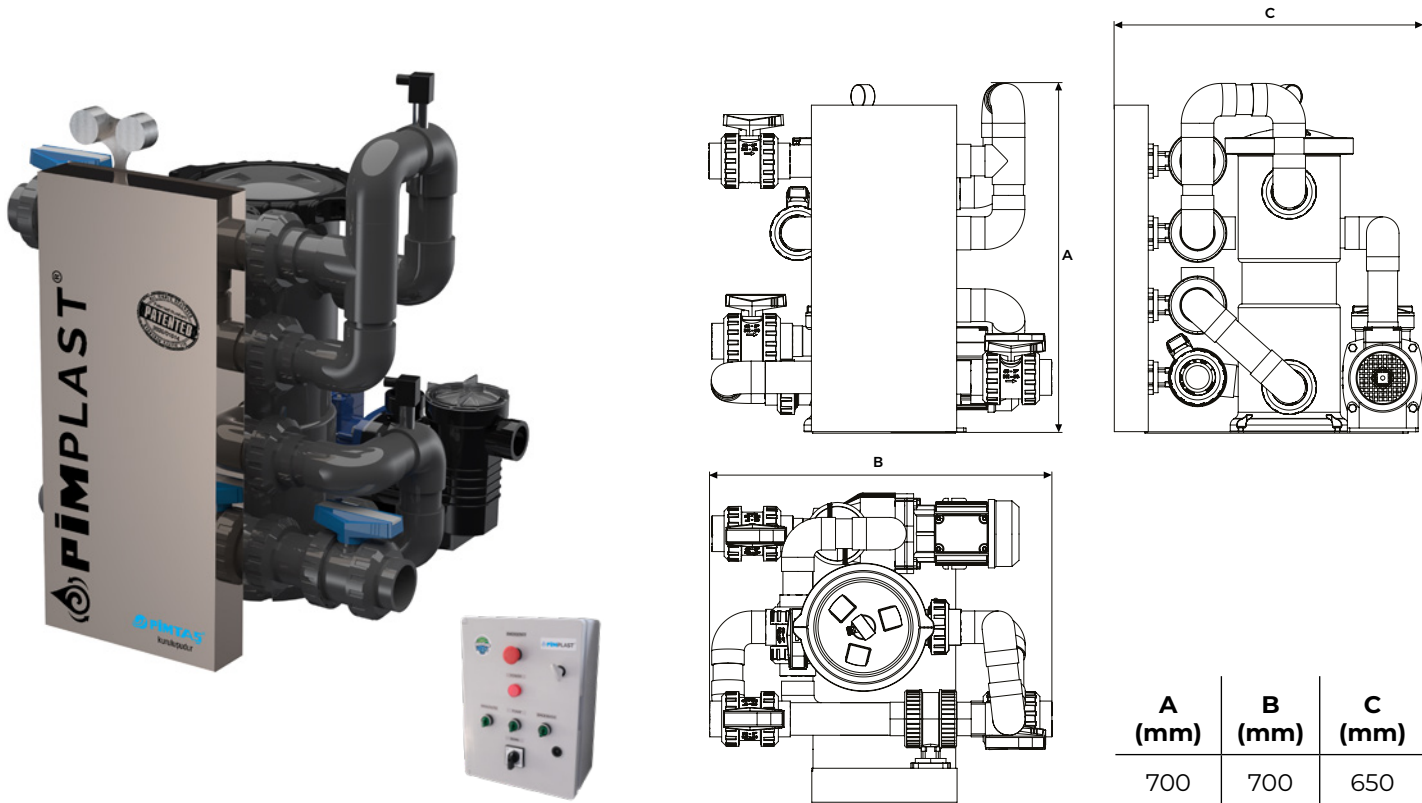
SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER 27 m3/h
AQUASYNC CONTROL PANEL (FILTER SURFACE AREA INCREASED.)



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791227001	1 µm	27	1,5	10	63		6.843,00 €
791227005	5 µm	27	1,5	10	63		6.843,00 €
791227010	10 µm	27	1,5	10	63		6.843,00 €
791227025	25 µm	27	1,5	10	63		6.843,00 €
791227050	50 µm	27	1,5	10	63		6.843,00 €
791227075	75 µm	27	1,5	10	63		6.843,00 €
791227100	100 µm	27	1,5	10	63		6.843,00 €



SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER
17 m3/h 0.5 HP MOTOR WITH AQUASYNC CONTROL PANEL



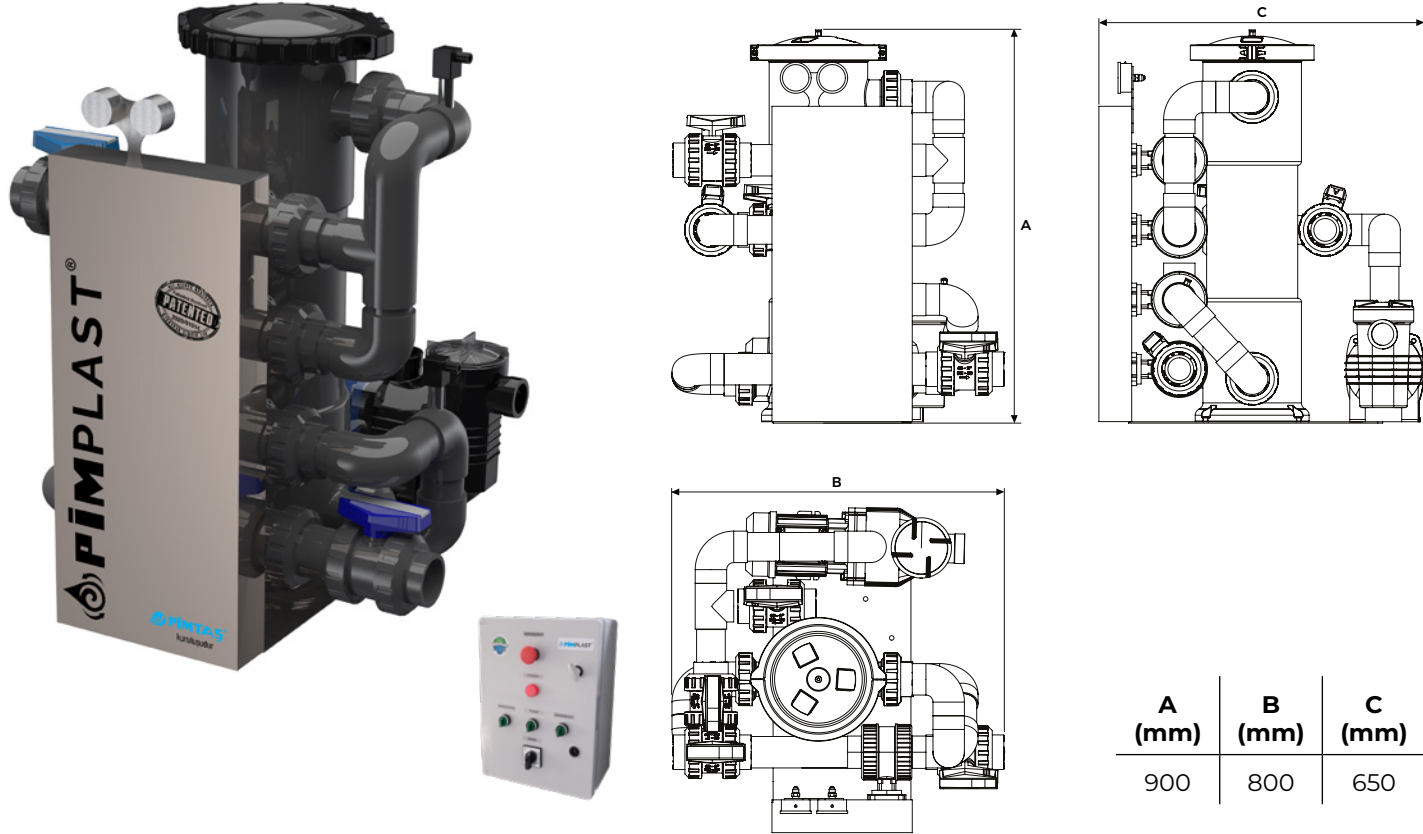
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
792600001	1 µm	17	1,5	5	63	63	5.816,00 €
792600005	5 µm	17	1,5	5	63	63	5.816,00 €
792600010	10 µm	17	1,5	5	63	63	5.816,00 €
792600025	25 µm	17	1,5	5	63	63	5.816,00 €
792600050	50 µm	17	1,5	5	63	63	5.816,00 €
792600075	75 µm	17	1,5	5	63	63	5.816,00 €
792600100	100 µm	17	1,5	5	63	63	5.816,00 €

Includes AISI 304 material body, single-phase pre-filter pump, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, pressure sensor, manometer set, aquasync, engine protection, panel.

It can be controlled remotely from phones and computers by wifi connection.



SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER
27 m3/h 1 HP MOTOR WITH AQUASYNC CONTROL PANEL



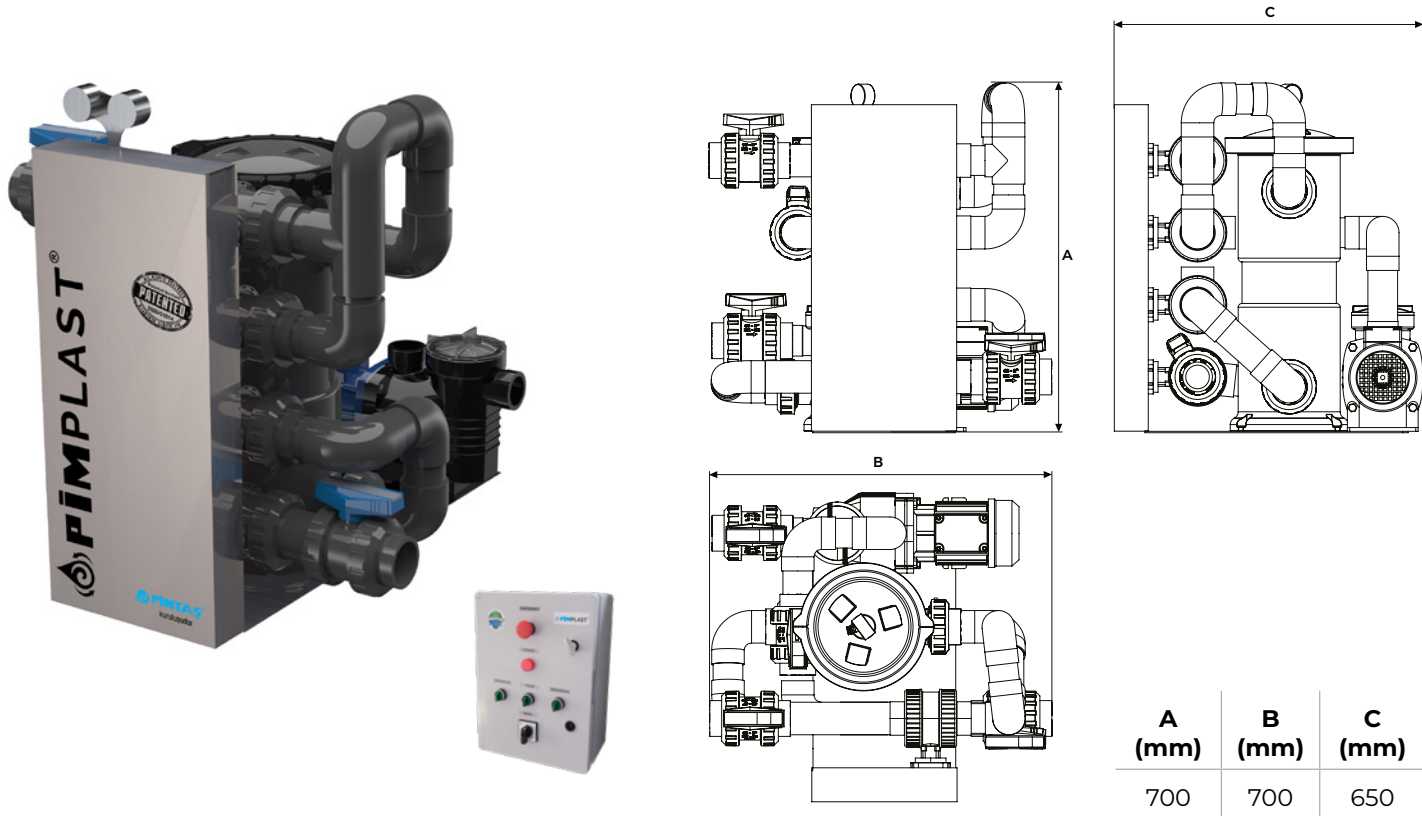
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
793100001	1 µm	27	1,5	5	63	68	6.266,00 €
793100005	5 µm	27	1,5	5	63	68	6.266,00 €
793100010	10 µm	27	1,5	5	63	68	6.266,00 €
793100025	25 µm	27	1,5	5	63	68	6.266,00 €
793100050	50 µm	27	1,5	5	63	68	6.266,00 €
793100075	75 µm	27	1,5	5	63	68	6.266,00 €
793100100	100 µm	27	1,5	5	63	68	6.266,00 €

Includes AISI 304 material body, single-phase pre-filter pump, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, pressure sensor, manometer set, aquasync, engine protection, panel.

It can be controlled remotely from phones and computers by wifi connection.



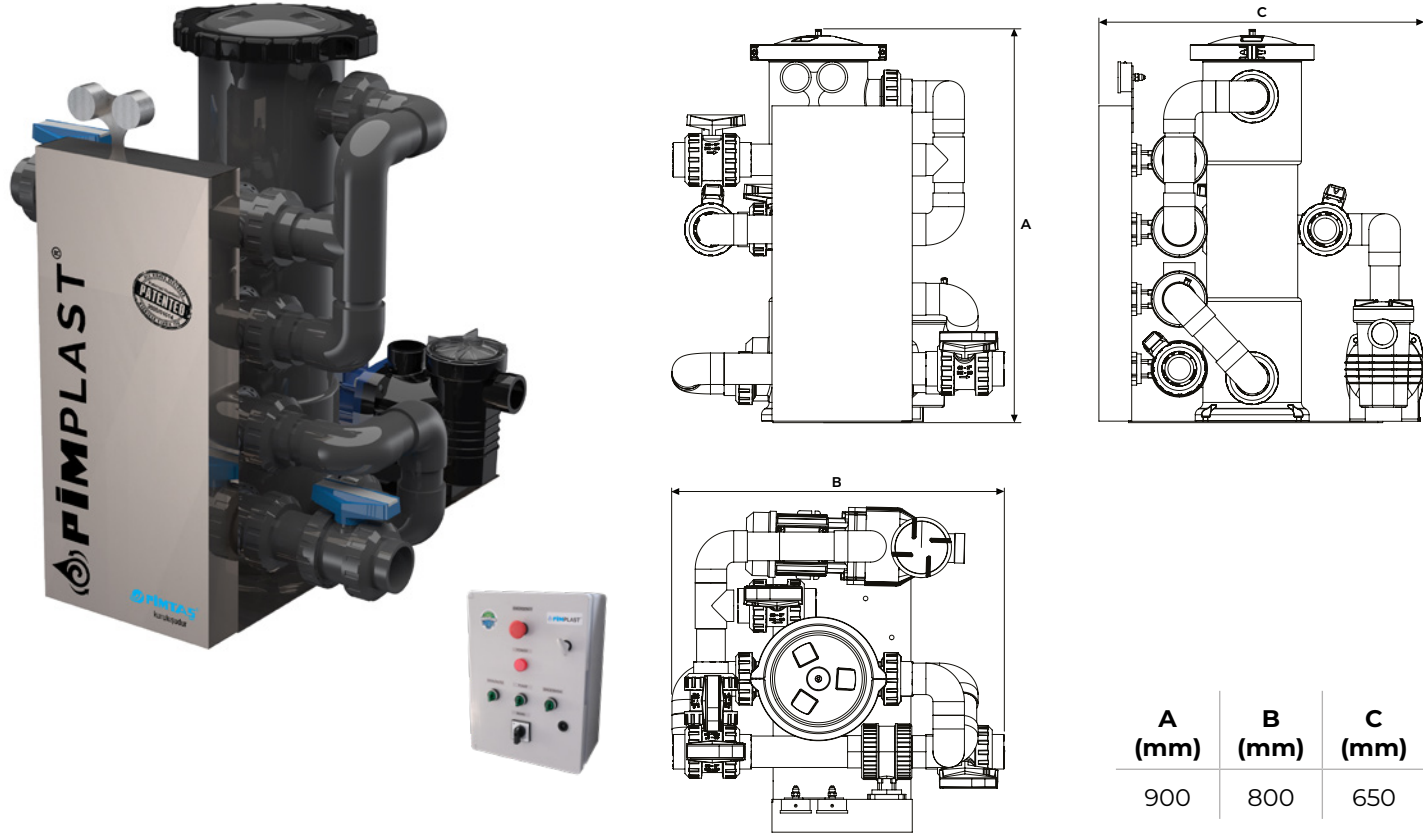
SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER
17 m3/h 0.5 HP MOTORIZED TIME CLOCK CONTROL PANEL



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791300001	1 µm	17	1,5	5	63	26,5	4.054,00 €
791300005	5 µm	17	1,5	5	63	26,5	4.054,00 €
791300010	10 µm	17	1,5	5	63	26,5	4.054,00 €
791300025	25 µm	17	1,5	5	63	26,5	4.054,00 €
791300050	50 µm	17	1,5	5	63	26,5	4.054,00 €
791300075	75 µm	17	1,5	5	63	26,5	4.054,00 €
791300100	100 µm	17	1,5	5	63	26,5	4.054,00 €

Includes AISI 304 material body, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, manometer set, astronomical timer with panel.

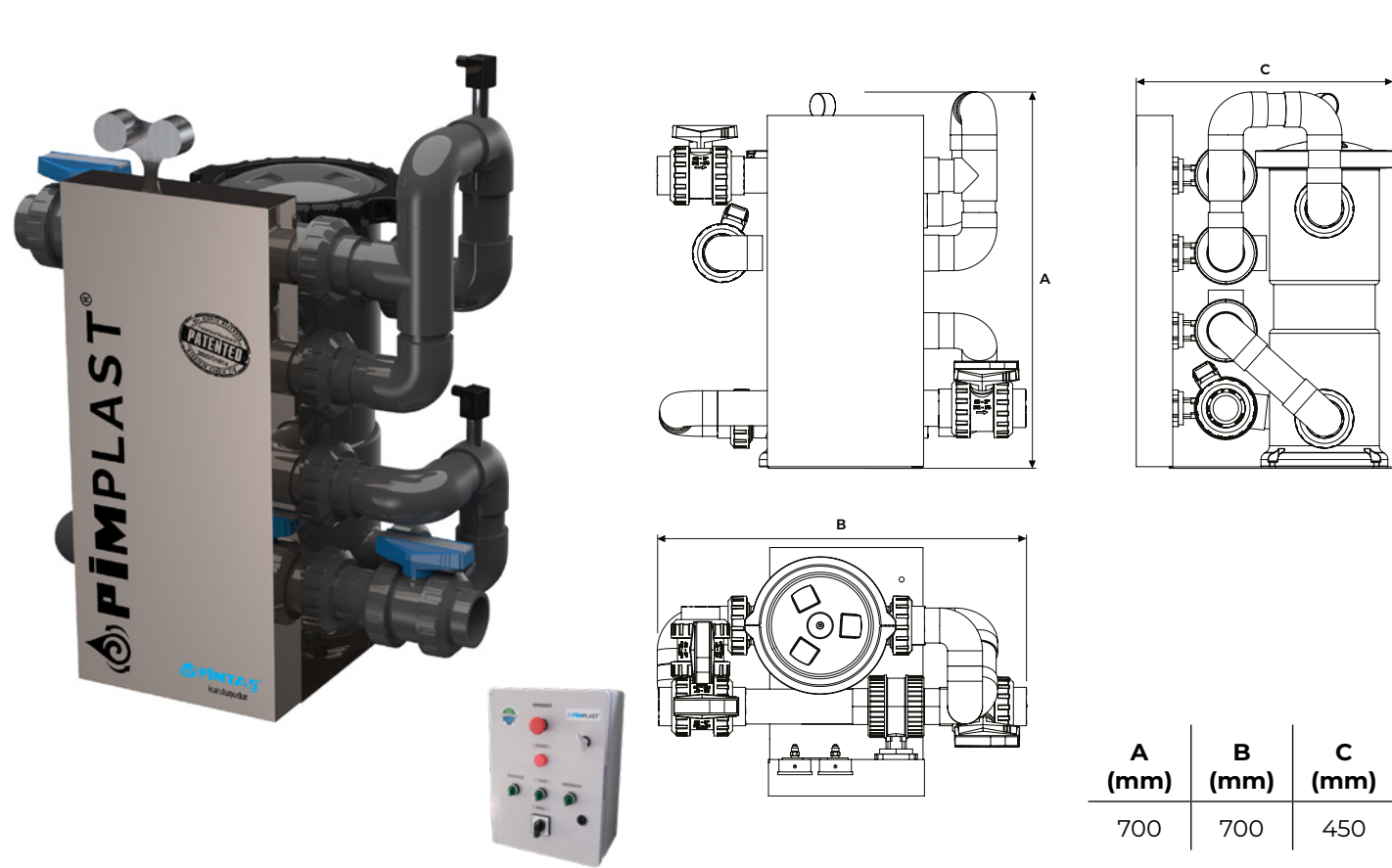
SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER
27 m3/h 1 HP MOTORIZED TIME CLOCK CONTROL PANEL



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791410001	1 µm	27	1,5	5	63	31,5	4.504,00 €
791410005	5 µm	27	1,5	5	63	31,5	4.504,00 €
791410010	10 µm	27	1,5	5	63	31,5	4.504,00 €
791410025	25 µm	27	1,5	5	63	31,5	4.504,00 €
791410050	50 µm	27	1,5	5	63	31,5	4.504,00 €
791410075	75 µm	27	1,5	5	63	31,5	4.504,00 €
791410100	100 µm	27	1,5	5	63	31,5	4.504,00 €

Includes AISI 304 material body, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, manometer set, astronomical timer with panel.

SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER
17 m3/h AQUASYNC CONTROL PANEL



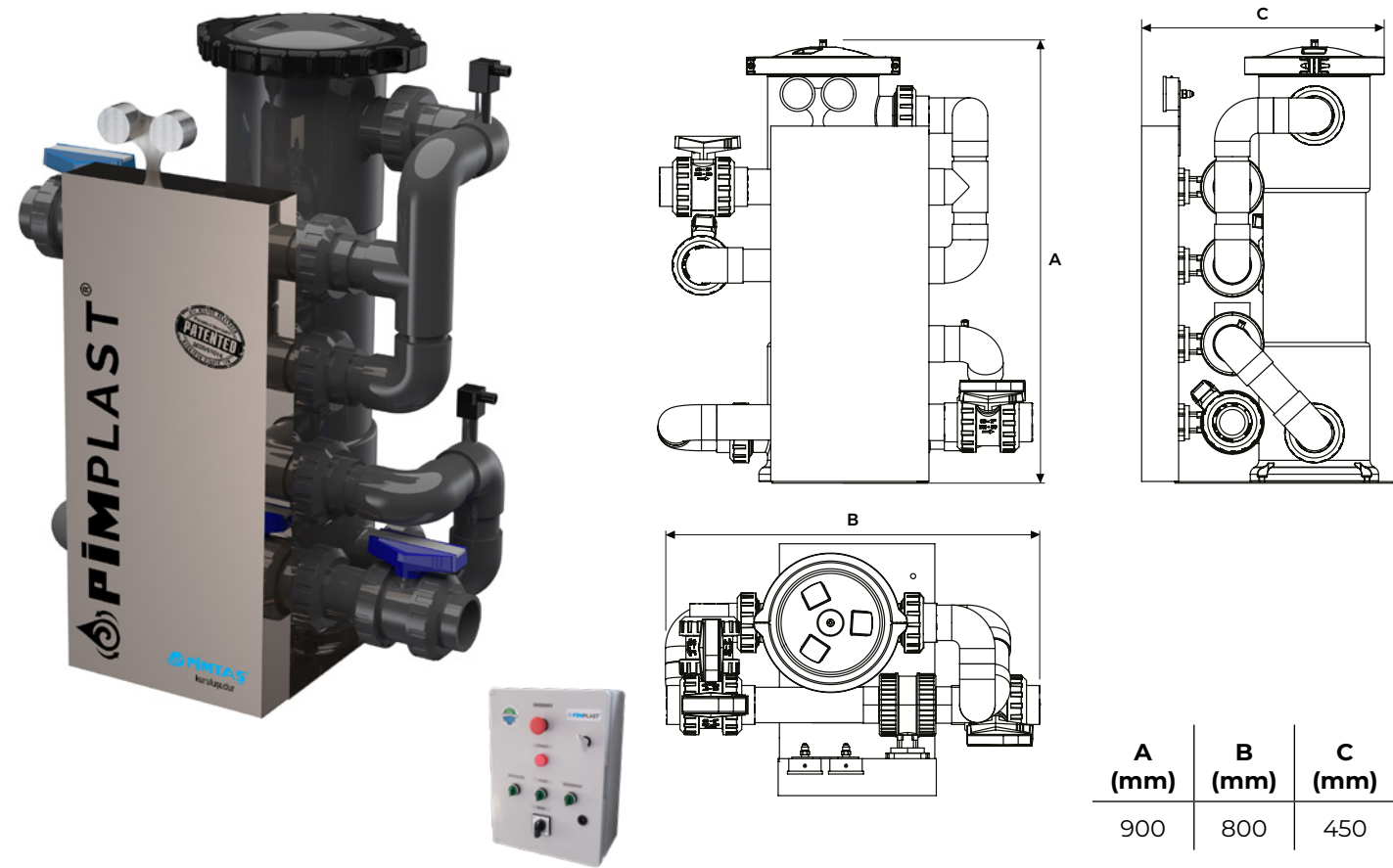
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791700001	1 µm	17	1,5	5	63	26,5	5.343,00 €
791700005	5 µm	17	1,5	5	63	26,5	5.343,00 €
791700010	10 µm	17	1,5	5	63	26,5	5.343,00 €
791700025	25 µm	17	1,5	5	63	26,5	5.343,00 €
791700050	50 µm	17	1,5	5	63	26,5	5.343,00 €
791700075	75 µm	17	1,5	5	63	26,5	5.343,00 €
791700100	100 µm	17	1,5	5	63	26,5	5.343,00 €

Includes AISI 304 material body, single-phase pre-filter pump, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, pressure sensor, manometer set, aquasync, engine protection, panel.

It can be controlled remotely from phones and computers by wifi connection.



SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER
27 m3/h AQUASYNC CONTROL PANEL



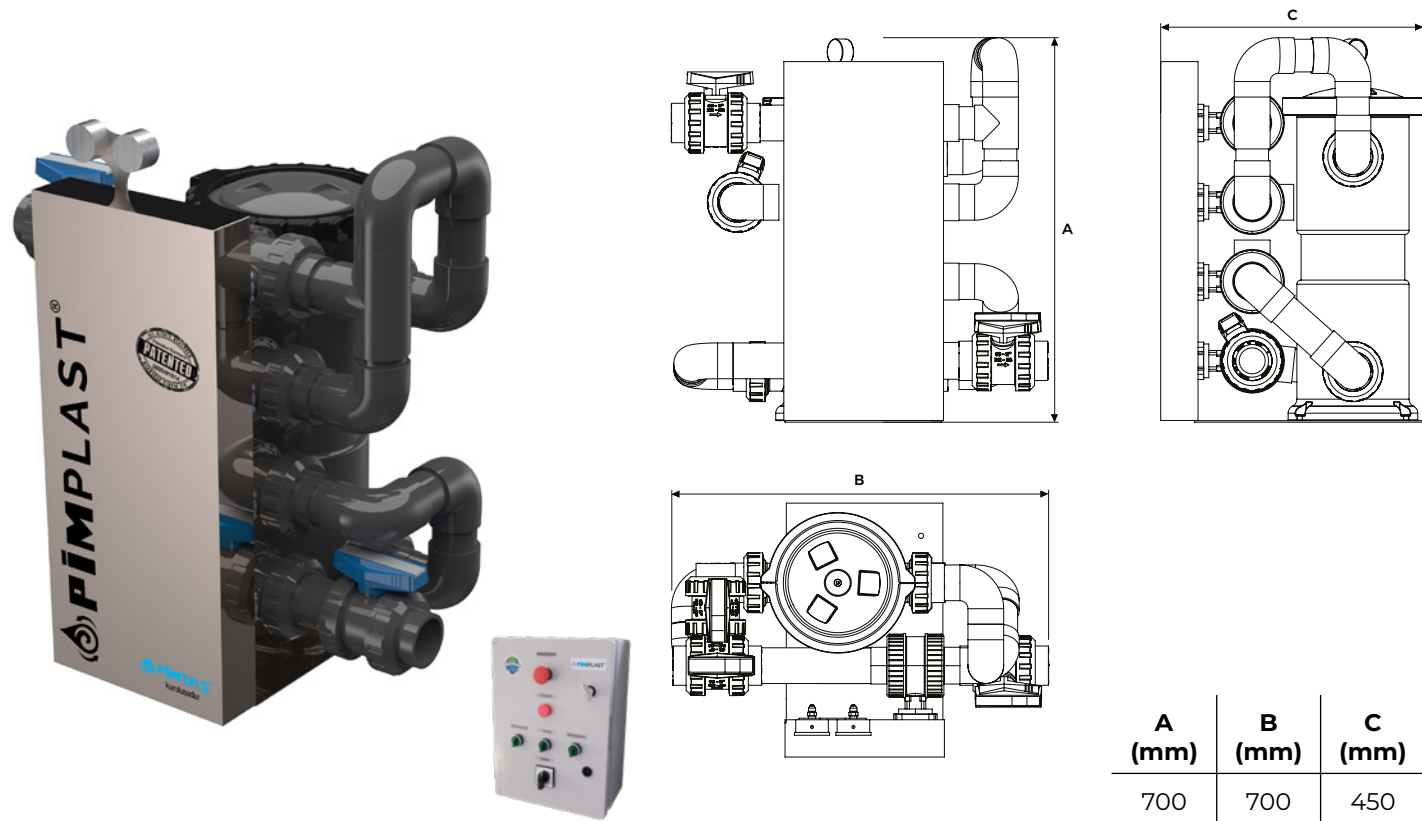
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791800001	1 µm	27	1,5	5	63	31,6	5.718,00 €
791800005	5 µm	27	1,5	5	63	31,6	5.718,00 €
791800010	10 µm	27	1,5	5	63	31,6	5.718,00 €
791800025	25 µm	27	1,5	5	63	31,6	5.718,00 €
791800050	50 µm	27	1,5	5	63	31,6	5.718,00 €
791800075	75 µm	27	1,5	5	63	31,6	5.718,00 €
791800100	100 µm	27	1,5	5	63	31,6	5.718,00 €

Includes AISI 304 material body, single-phase pre-filter pump, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, pressure sensor, manometer set, aquasync, engine protection, panel.

It can be controlled remotely from phones and computers by wifi connection.



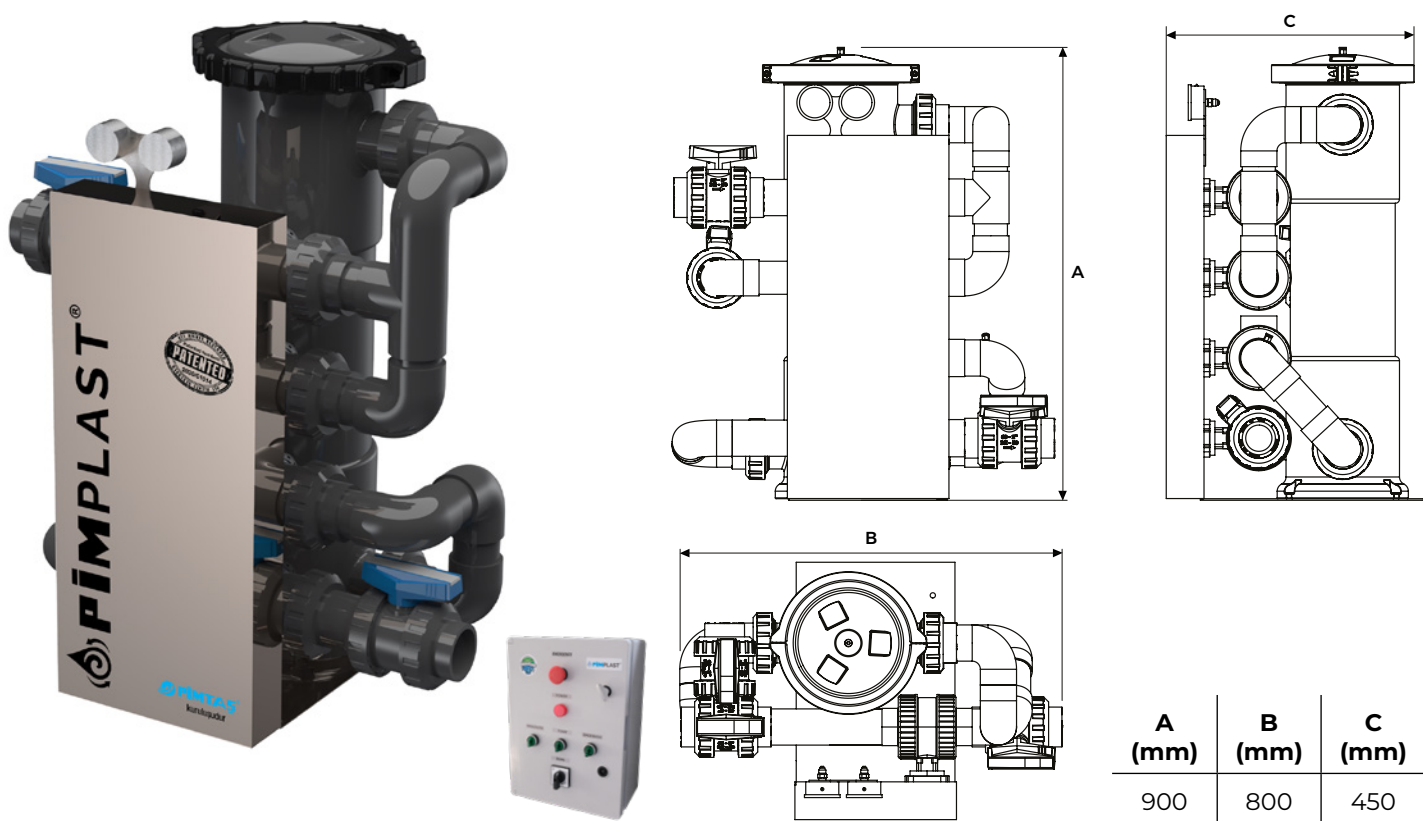
SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER
17 m3/h TIME CLOCK CONTROL PANEL



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791500001	1 µm	17	1,5	5	63	26,5	3.581,00 €
791500005	5 µm	17	1,5	5	63	26,5	3.581,00 €
791500010	10 µm	17	1,5	5	63	26,5	3.581,00 €
791500025	25 µm	17	1,5	5	63	26,5	3.581,00 €
791500050	50 µm	17	1,5	5	63	26,5	3.581,00 €
791500075	75 µm	17	1,5	5	63	26,5	3.581,00 €
791500100	100 µm	17	1,5	5	63	26,5	3.581,00 €

Includes AISI 304 material body, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, manometer set, astronomical timer with panel.

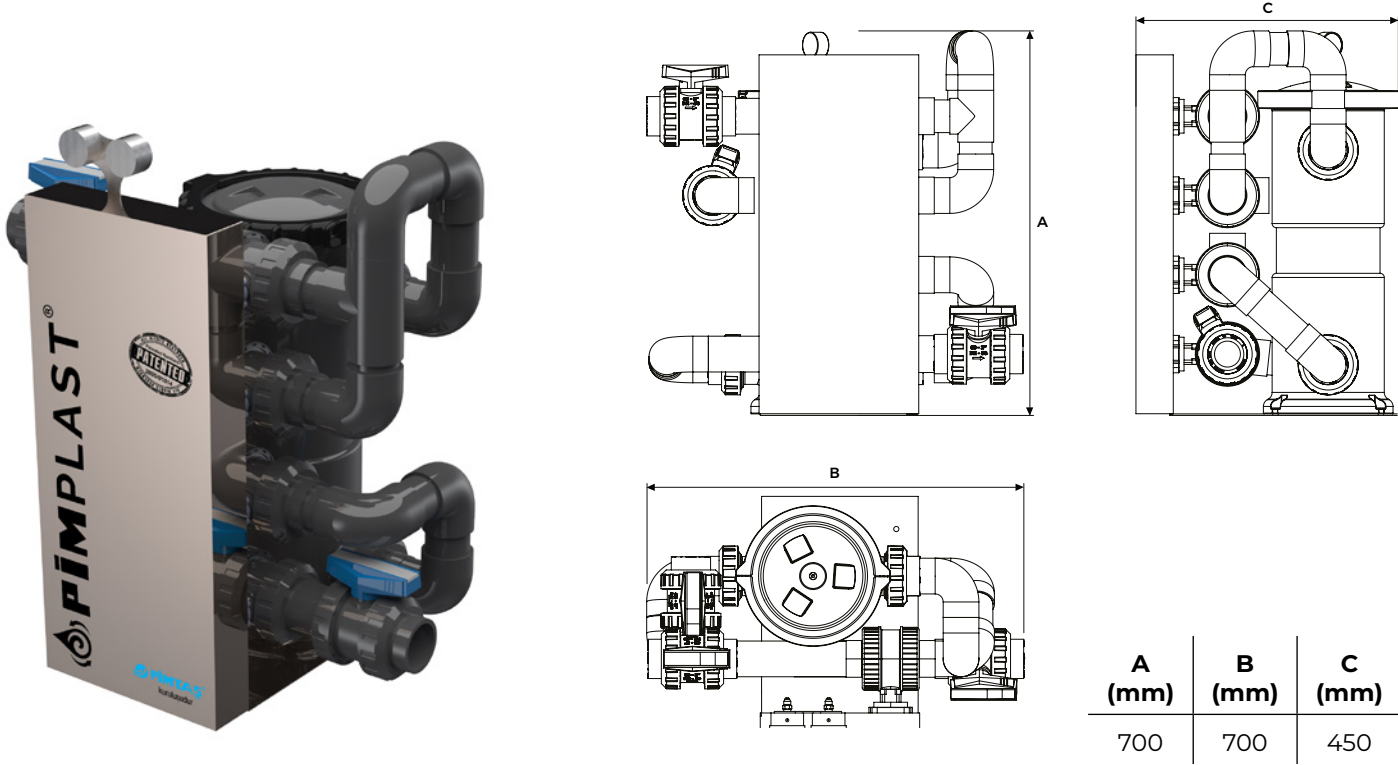
SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER
27 m3/h TIME CLOCK CONTROL PANEL



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791600001	1 µm	27	1,5	5	63	31,6	3.956,00 €
791600005	5 µm	27	1,5	5	63	31,6	3.956,00 €
791600010	10 µm	27	1,5	5	63	31,6	3.956,00 €
791600025	25 µm	27	1,5	5	63	31,6	3.956,00 €
791600050	50 µm	27	1,5	5	63	31,6	3.956,00 €
791600075	75 µm	27	1,5	5	63	31,6	3.956,00 €
791600100	100 µm	27	1,5	5	63	31,6	3.956,00 €

Includes AISI 304 material body, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, manometer set, astronomical timer with panel.

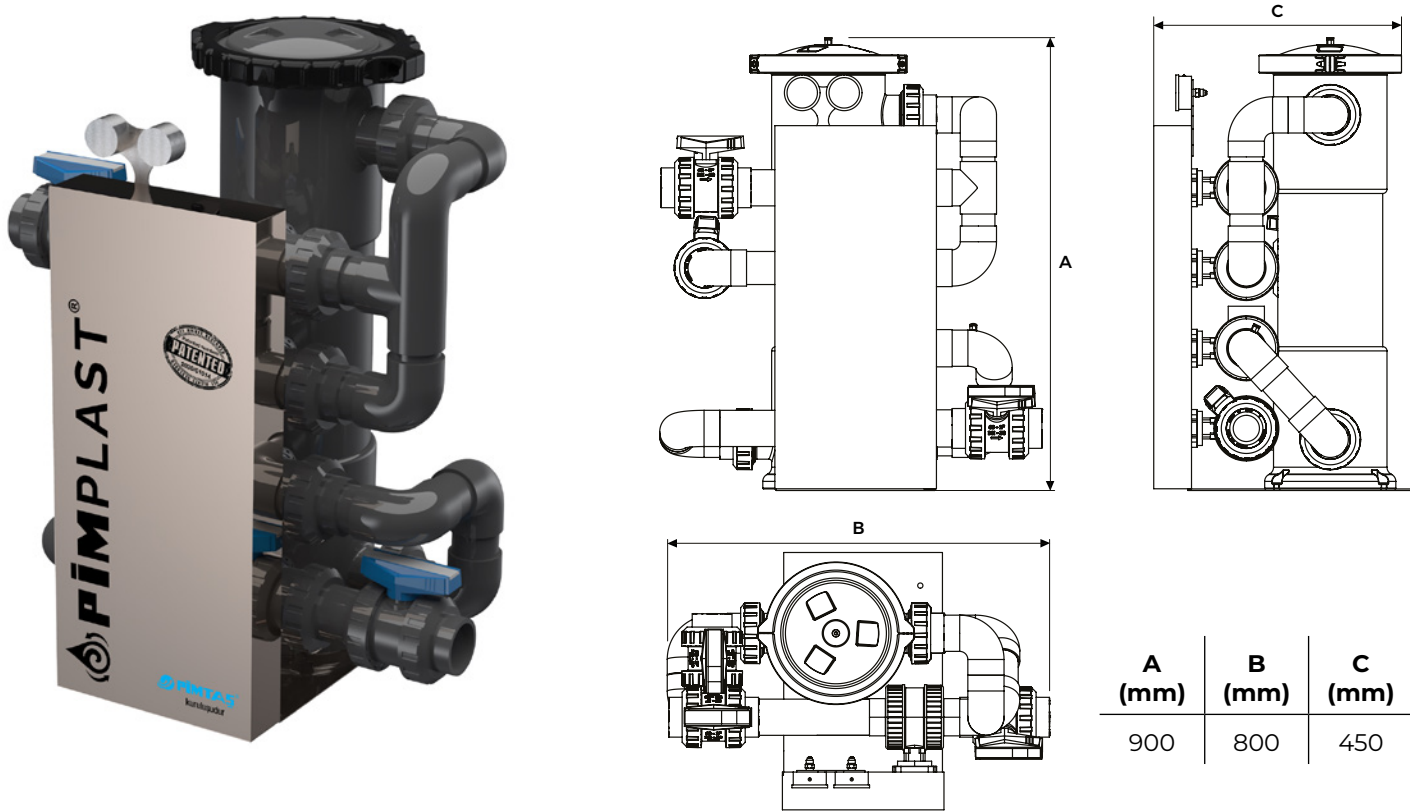
SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER **17 m3/h**



CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791100001	1 µm	17	1,5	5	63	21,7	2.531,00 €
791100005	5 µm	17	1,5	5	63	21,7	2.531,00 €
791100010	10 µm	17	1,5	5	63	21,7	2.531,00 €
791100025	25 µm	17	1,5	5	63	21,7	2.531,00€
791100050	50 µm	17	1,5	5	63	21,7	2.531,00 €
791100075	75 µm	17	1,5	5	63	21,7	2.531,00 €
791100100	100 µm	17	1,5	5	63	21,7	2.531,00 €

Includes AISI 304 material body, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, manometer set, astronomical timer with panel.

SYNCHRONIZED VALVE CONTROLLED NANO FIBER VORTEX FILTER **27 m3/h**



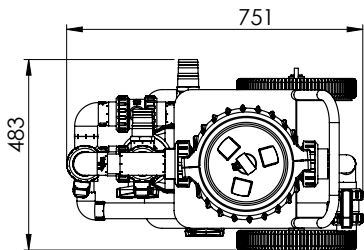
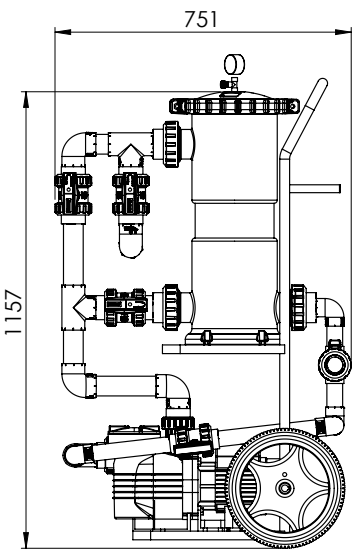
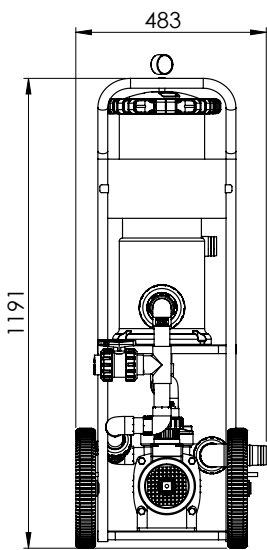
CODE	VORTEX PP FILTER	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONNECTION DIA (MM)	KG	PRICE
791200001	1 µm	27	1,5	5	63	26,3	2.906,00 €
791200005	5 µm	27	1,5	5	63	26,3	2.906,00 €
791200010	10 µm	27	1,5	5	63	26,3	2.906,00 €
791200025	25 µm	27	1,5	5	63	26,3	2.906,00 €
791200050	50 µm	27	1,5	5	63	26,3	2.906,00 €
791200075	75 µm	27	1,5	5	63	26,3	2.906,00 €
791200100	100 µm	27	1,5	5	63	26,3	2.906,00 €

Includes AISI 304 material body, nanofiber vortex filter, s.v.c (synchronized valve control) unit, ball valves, manometer set, astronomical timer with panel.

PORTABLE **POOL VACUUM CLEANER**



- Filtration capacity: 17 m³/h
- Operating pressure: 10 bar
- Easy to install
- Ready to use (Plug & Play)
- Adjustable Vacuum
- Selectable Filter Bag 1 to 500 Microns
- The filter removes particles from the water and releases clean water back into the pool.



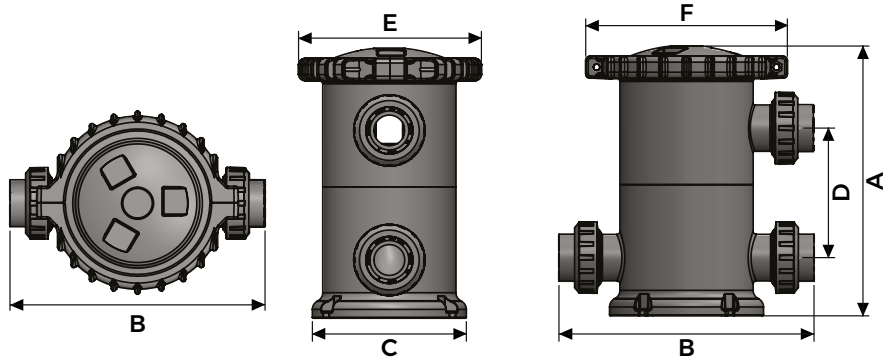
CODE	CONNECTION DIA	PRESSURE	BOX / PCS	KG	PRICE
797000044	1/4 "	0-10 bar	1	0,1	2.235,00 €



NANO FIBER VORTEX FILTER 5 m3/h INPUT-OUTPUT SINGLE DIRECTION

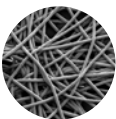
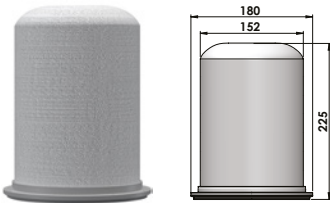


CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
781000001	1 µm	5	1,5	5	63	11,7	600.00 €
781000005	5 µm	5	1,5	5	63	11,7	600.00 €
781000010	10 µm	5	1,5	5	63	11,7	600.00 €
781000025	25 µm	5	1,5	5	63	11,7	600.00 €
781000050	50 µm	5	1,5	5	63	11,7	600.00 €
781000075	75 µm	5	1,5	5	63	11,7	600.00 €
781000100	100 µm	5	1,5	5	63	11,7	600.00 €



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
438	414	250	210	297	327

NANO FIBER VORTEX FILTER PP BAG 5 m3/h SPARE PARTS

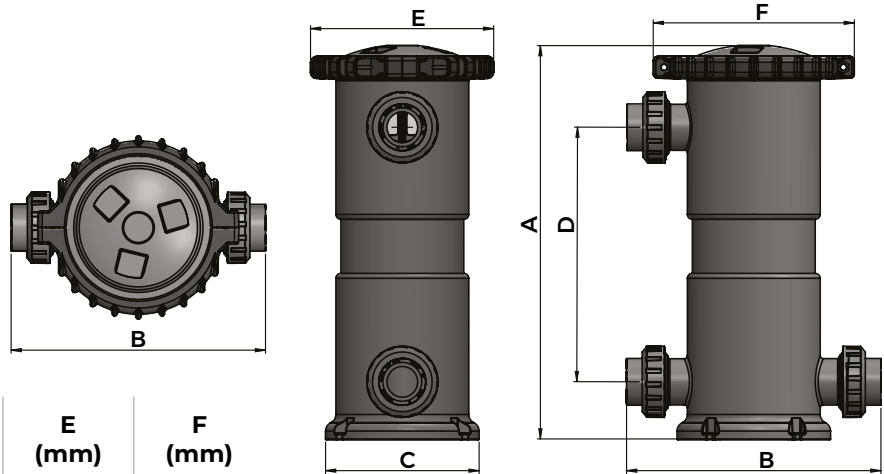


CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790050001	1 µm	2,58	5	90.62 €
790050005	5 µm	2,51	5	88.24 €
790050010	10 µm	2,43	5	87.85 €
790050025	25 µm	2,41	5	87.25 €
790050050	50 µm	2,41	5	87.25 €
790050075	75 µm	2,41	5	87.25 €
790050100	100 µm	2,39	5	87.25 €
WOVEN FABRIC				
790050040	40 µm	0,25	1	41.00 €

NANO FIBER VORTEX FILTER 17 m3/h INPUT-OUTPUT SINGLE DIRECTION

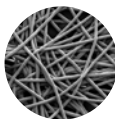
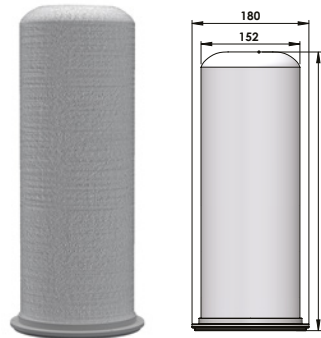


CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
791000001	1 µm	17	1,5	5	63	11,7	637.50 €
791000005	5 µm	17	1,5	5	63	11,7	637.50 €
791000010	10 µm	17	1,5	5	63	11,7	637.50 €
791000025	25 µm	17	1,5	5	63	11,7	637.50 €
791000050	50 µm	17	1,5	5	63	11,7	637.50 €
791000075	75 µm	17	1,5	5	63	11,7	637.50 €
791000100	100 µm	17	1,5	5	63	11,7	637.50 €



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
642	414	250	414	297	327

NANO FIBER VORTEX FILTER PP BAG 17 m3/h SPARE PARTS

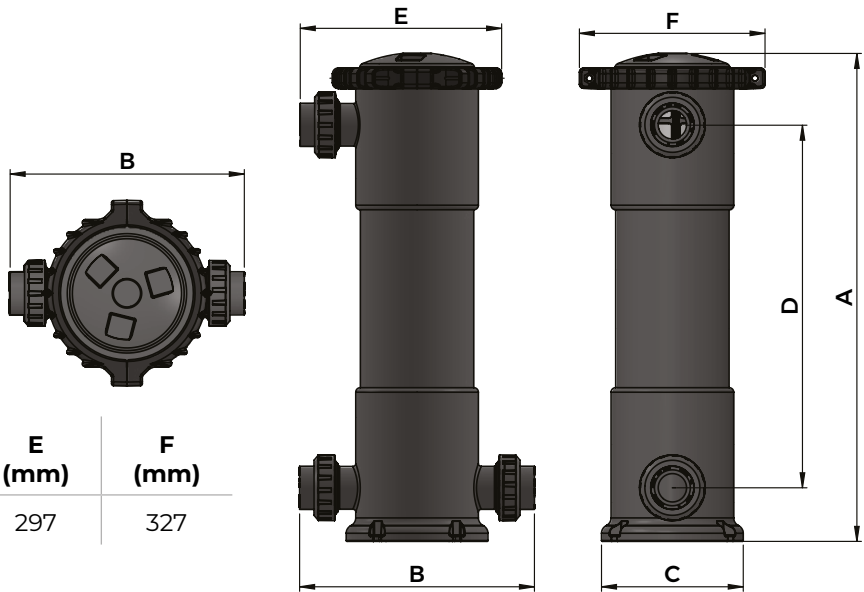


CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790170001	1 µm	2,58	5	95.62 €
790170005	5 µm	2,51	5	93.24 €
790170010	10 µm	2,43	5	92.85 €
790170025	25 µm	2,41	5	92.25 €
790170050	50 µm	2,41	5	92.25 €
790170075	75 µm	2,41	5	92.25 €
790170100	100 µm	2,39	5	92.25 €
WOVEN FABRIC				
790170040	40 µm	0,39	1	46.00 €

NANO FIBER VORTEX FILTER 27 m3/h INPUT-OUTPUT SINGLE DIRECTION

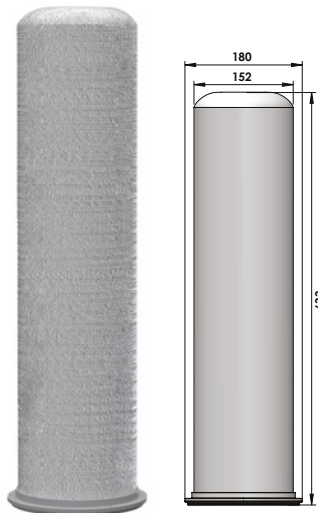


CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
792000001	1 µm	27	1,5	5	63	16,3	1,012.50 €
792000005	5 µm	27	1,5	5	63	16,3	1,012.50 €
792000010	10 µm	27	1,5	5	63	16,3	1,012.50 €
792000025	25 µm	27	1,5	5	63	16,3	1,012.50 €
792000050	50 µm	27	1,5	5	63	16,3	1,012.50 €
792000075	75 µm	27	1,5	5	63	16,3	1,012.50 €
792000100	100 µm	27	1,5	5	63	16,3	1,012.50 €

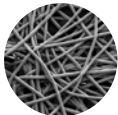


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
846	414	250	618	297	327

NANO FIBER VORTEX FILTER PP BAG 27 m3/h SPARE PARTS



CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790270001	1 µm	2,61	5	103.78 €
790270005	5 µm	2,53	5	102.44 €
790270010	10 µm	2,45	5	97.09 €
790270025	25 µm	2,43	5	96.25 €
790270050	50 µm	2,43	5	96.25 €
790270075	75 µm	2,43	5	96.25 €
790270100	100 µm	2,41	5	96.25 €



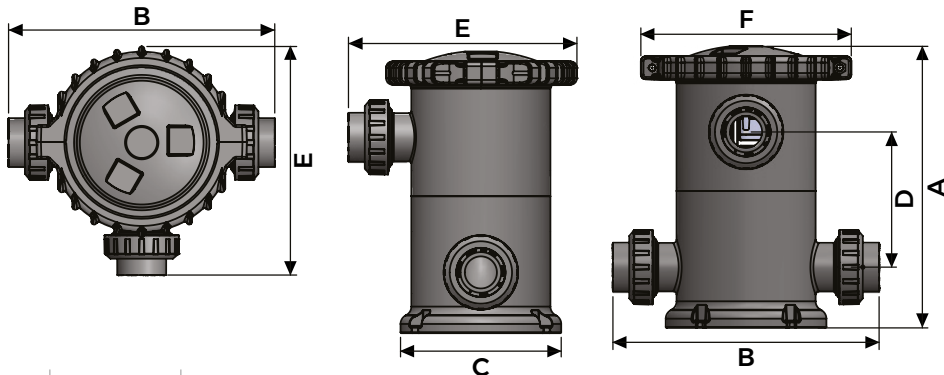
WOVEN FABRIC

790270040	40 µm	0,45	1	52.00 €
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NANO FIBER VORTEX FILTER 5 m3/h INPUT-OUTPUT 90°

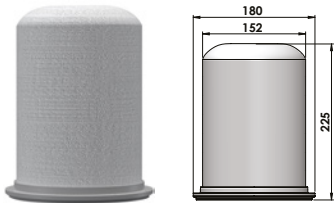


CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
782000001	1 µm	5	1,5	5	63	11,7	600.00 €
782000005	5 µm	5	1,5	5	63	11,7	600.00 €
782000010	10 µm	5	1,5	5	63	11,7	600.00 €
782000025	25 µm	5	1,5	5	63	11,7	600.00 €
782000050	50 µm	5	1,5	5	63	11,7	600.00 €
782000075	75 µm	5	1,5	5	63	11,7	600.00 €
782000100	100 µm	5	1,5	5	63	11,7	600.00 €



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
438	414	250	210	356	327

NANO FIBER VORTEX FILTER PP BAG 5 m3/h SPARE PARTS



CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790050001	1 µm	2,58	5	90.62 €
790050005	5 µm	2,51	5	88.24 €
790050010	10 µm	2,43	5	87.85 €
790050025	25 µm	2,41	5	87.25 €
790050050	50 µm	2,41	5	87.25 €
790050075	75 µm	2,41	5	87.25 €
790050100	100 µm	2,39	5	87.25 €



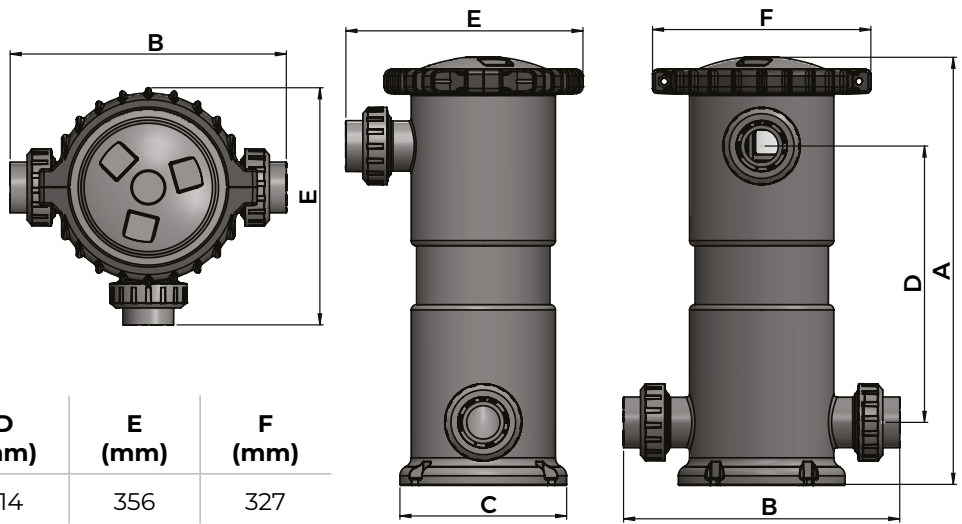
WOVEN FABRIC

790050040	40 µm	0,25	1	41.00 €
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NANO FIBER VORTEX FILTER 17 m3/h INPUT-OUTPUT 90°



CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
793000001	1 µm	17	1,5	5	63	11,7	637.50 €
793000005	5 µm	17	1,5	5	63	11,7	637.50 €
793000010	10 µm	17	1,5	5	63	11,7	637.50 €
793000025	25 µm	17	1,5	5	63	11,7	637.50 €
793000050	50 µm	17	1,5	5	63	11,7	637.50 €
793000075	75 µm	17	1,5	5	63	11,7	637.50 €
793000100	100 µm	17	1,5	5	63	11,7	637.50 €

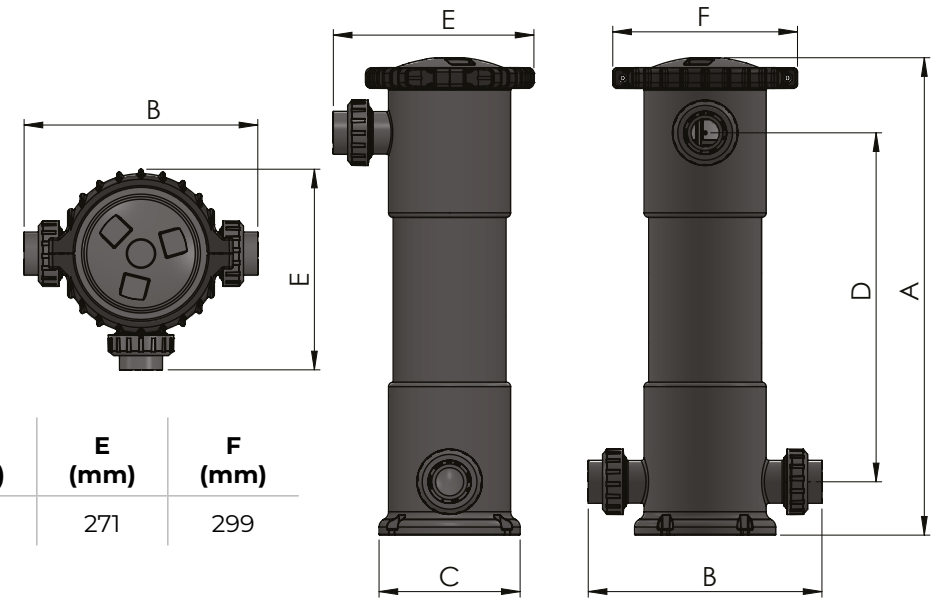


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
642	414	250	414	356	327

NANO FIBER VORTEX FILTER 27 m3/h INPUT-OUTPUT 90°

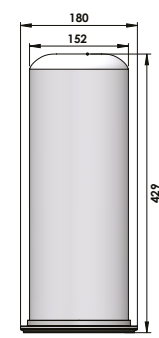
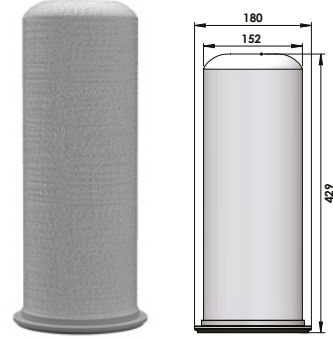


CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
794000001	1 µm	27	1,5	5	63	16,3	1,012.50 €
794000005	5 µm	27	1,5	5	63	16,3	1,012.50 €
794000010	10 µm	27	1,5	5	63	16,3	1,012.50 €
794000025	25 µm	27	1,5	5	63	16,3	1,012.50 €
794000050	50 µm	27	1,5	5	63	16,3	1,012.50 €
794000075	75 µm	27	1,5	5	63	16,3	1,012.50 €
794000100	100 µm	27	1,5	5	63	16,3	1,012.50 €

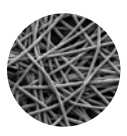


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
846	414	250	618	271	299

NANO FIBER VORTEX FILTER PP BAG 17 m3/h SPARE PARTS



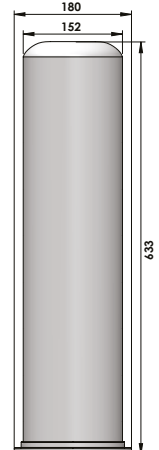
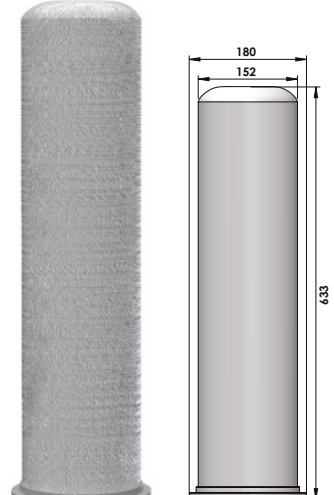
CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790170001	1 µm	2,58	5	95.62 €
790170005	5 µm	2,51	5	93.24 €
790170010	10 µm	2,43	5	92.85 €
790170025	25 µm	2,41	5	92.25 €
790170050	50 µm	2,41	5	92.25 €
790170075	75 µm	2,41	5	92.25 €
790170100	100 µm	2,39	5	92.25 €



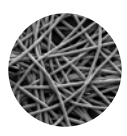
WOVEN FABRIC

790170040	40 µm	0,39	1	46.00 €
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NANO FIBER VORTEX FILTER PP BAG 27 m3/h SPARE PARTS



CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790270001	1 µm	2,61	5	103.78 €
790270005	5 µm	2,53	5	102.44 €
790270010	10 µm	2,45	5	97.09 €
790270025	25 µm	2,43	5	96.25 €
790270050	50 µm	2,43	5	96.25 €
790270075	75 µm	2,43	5	96.25 €
790270100	100 µm	2,41	5	96.25 €



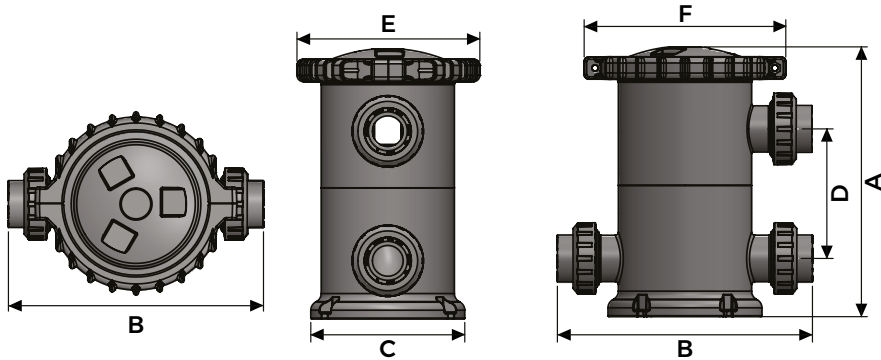
WOVEN FABRIC

790270040	40 µm	0,45	1	52.00 €
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NANO FIBER VORTEX FILTER 5 m3/h INPUT-OUTPUT 180°

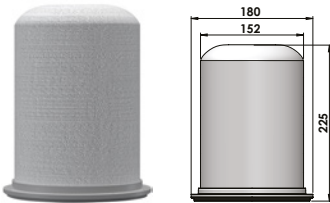


CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
783000001	1 µm	5	1,5	5	63	11,7	600.00 €
783000005	5 µm	5	1,5	5	63	11,7	600.00 €
783000010	10 µm	5	1,5	5	63	11,7	600.00 €
783000025	25 µm	5	1,5	5	63	11,7	600.00 €
783000050	50 µm	5	1,5	5	63	11,7	600.00 €
783000075	75 µm	5	1,5	5	63	11,7	600.00 €
783000100	100 µm	5	1,5	5	63	11,7	600.00 €



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
438	414	250	210	297	327

NANO FIBER VORTEX FILTER PP BAG 5 m3/h SPARE PARTS



CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790050001	1 µm	2,58	5	90.62 €
790050005	5 µm	2,51	5	88.24 €
790050010	10 µm	2,43	5	87.85 €
790050025	25 µm	2,41	5	87.25 €
790050050	50 µm	2,41	5	87.25 €
790050075	75 µm	2,41	5	87.25 €
790050100	100 µm	2,39	5	87.25 €

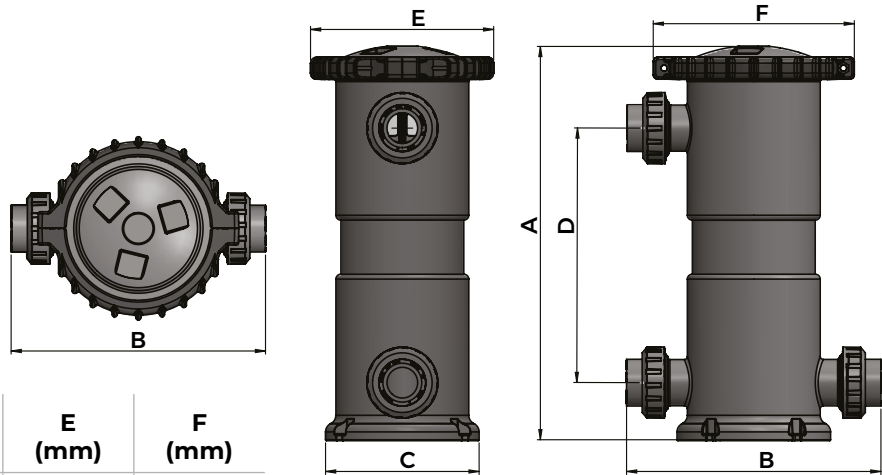
WOVEN FABRIC

790050040	40 µm	0,25	1	41.00 €
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NANO FIBER VORTEX FILTER 17 m3/h INPUT-OUTPUT 180°

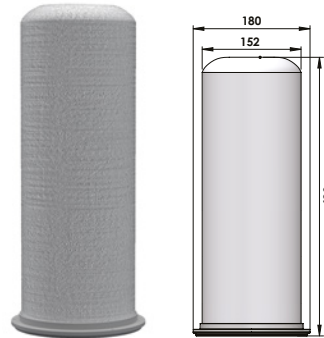


CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
795000001	1 µm	17	1,5	5	63	11,7	637.50 €
795000005	5 µm	17	1,5	5	63	11,7	637.50 €
795000010	10 µm	17	1,5	5	63	11,7	637.50 €
795000025	25 µm	17	1,5	5	63	11,7	637.50 €
795000050	50 µm	17	1,5	5	63	11,7	637.50 €
795000075	75 µm	17	1,5	5	63	11,7	637.50 €
795000100	100 µm	17	1,5	5	63	11,7	637.50 €



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
642	414	250	414	271	299

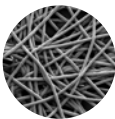
NANO FIBER VORTEX FILTER PP BAG 17 m3/h SPARE PARTS



CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790170001	1 µm	2,58	5	95.62 €
790170005	5 µm	2,51	5	93.24 €
790170010	10 µm	2,43	5	92.85 €
790170025	25 µm	2,41	5	92.25 €
790170050	50 µm	2,41	5	92.25 €
790170075	75 µm	2,41	5	92.25 €
790170100	100 µm	2,39	5	92.25 €

WOVEN FABRIC

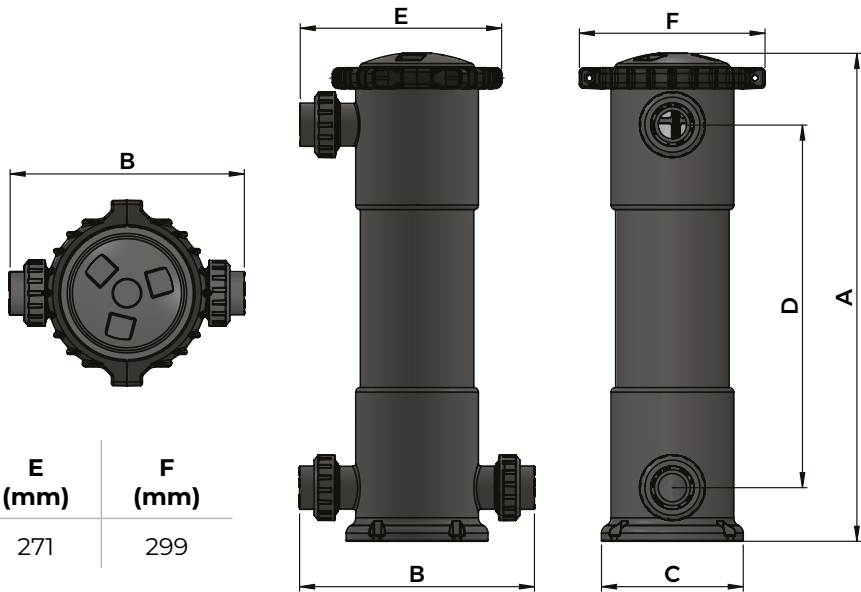
790170040	40 µm	0,39	1	46.00 €
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NANO FIBER VORTEX FILTER 27 m3/h INPUT-OUTPUT 180°

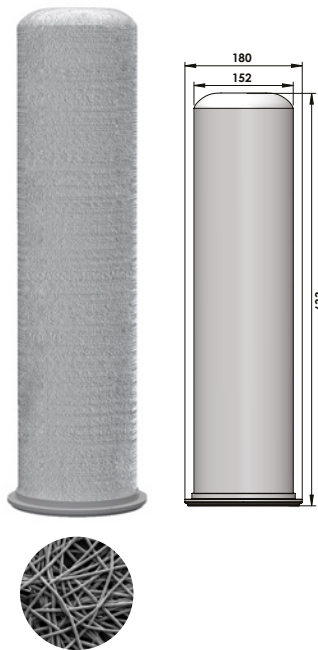


CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	WORKING PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
796000001	1 µm	27	1,5	5	63	16,3	1,012.50 €
796000005	5 µm	27	1,5	5	63	16,3	1,012.50 €
796000010	10 µm	27	1,5	5	63	16,3	1,012.50 €
796000025	25 µm	27	1,5	5	63	16,3	1,012.50 €
796000050	50 µm	27	1,5	5	63	16,3	1,012.50 €
796000075	75 µm	27	1,5	5	63	16,3	1,012.50 €
796000100	100 µm	27	1,5	5	63	16,3	1,012.50 €



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
846	414	250	618	271	299

NANO FIBER VORTEX FILTER PP BAG 27 m3/h SPARE PARTS



CODE	VORTEX PP FILTER	KG / PCS	BOX / PCS	PRICE
790270001	1 µm	2,61	5	103.78 €
790270005	5 µm	2,53	5	102.44 €
790270010	10 µm	2,45	5	97.09 €
790270025	25 µm	2,43	5	96.25 €
790270050	50 µm	2,43	5	96.25 €
790270075	75 µm	2,43	5	96.25 €
790270100	100 µm	2,41	5	96.25 €
WOVEN FABRIC				
790270040	40 µm	0,45	1	52.00 €



23" CARTRIDGE FILTER

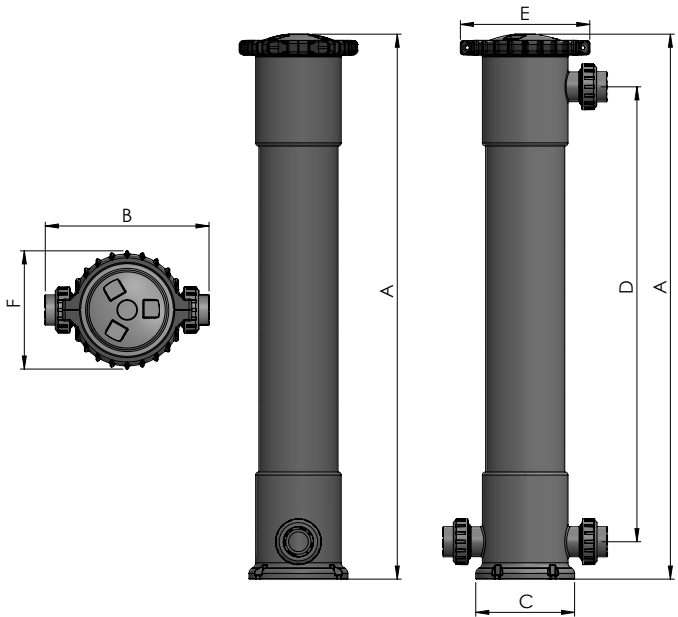


NEW

CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
790000043	5-20 µm	15	5	63	16,3	790,000 €

TECHNICAL SPECIFICATIONS	
Material	UPVC (union type, solvent cement connection)
Connection Size	2"
Flow Rate	15 m³/h
Installation Type	Vertical use
Operating Pressure	5 bar
Maximum Temperature	40 °C
Cartridge Length	23" (610 mm)
O-ring	EPDM or NBR
Additional Features	Easy-to-remove clamp system High resistance to acids and corrosion Filtration at desired precision

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
962	414	250	734	327	299



CARTRIDGE FEATURES AND BENEFITS

- Quick and hassle-free replacement
- Labor time savings
- Wide filtration range: 1 µm – 120 µm
- Nominal filtration efficiency: 95% (Beta 20)
- Various sizes, asymmetrically positioned pores, and graded filtration structure enhance suspended solid removal
- Large filtration area, long service life, low maintenance cost
- High chemical and biological resistance
- Components suitable for food contact



40" CARTRIDGE FILTER

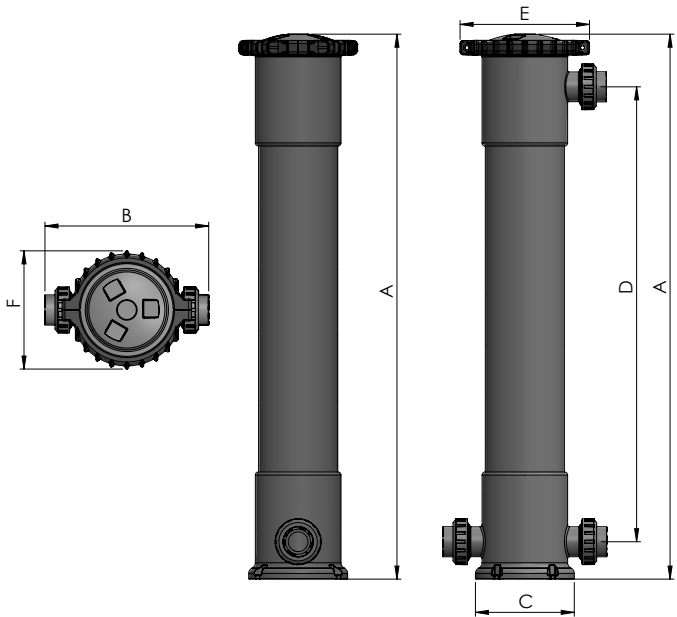


NEW

CODE	VORTEX PP FILTER	MAX. FLOWRATE M³/H	MAX. DIFFERENCE PRESSURE BAR	CONN. DIA (MM)	KG	PRICE
790000042	5-20 µm	28	5	63	22	870,000 €

TECHNICAL SPECIFICATIONS	
Material	UPVC (union type, solvent cement connection)
Connection Size	2"
Flow Rate	28 m³/h
Installation Type	Vertical use
Operating Pressure	5 bar
Maximum Temperature	40 °C
Cartridge Length	40" (1020 mm)
O-ring	EPDM or NBR
Additional Features	Easy-to-remove clamp system High resistance to acids and corrosion Filtration at desired precision

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
1378	414	250	1150	327	299



CARTRIDGE FEATURES AND BENEFITS

- Quick and hassle-free replacement
- Labor time savings
- Wide filtration range: 1 µm – 120 µm
- Nominal filtration efficiency: 95% (Beta 20)
- Various sizes, asymmetrically positioned pores, and graded filtration structure enhance suspended solid removal
- Large filtration area, long service life, low maintenance cost
- High chemical and biological resistance
- Components suitable for food contact

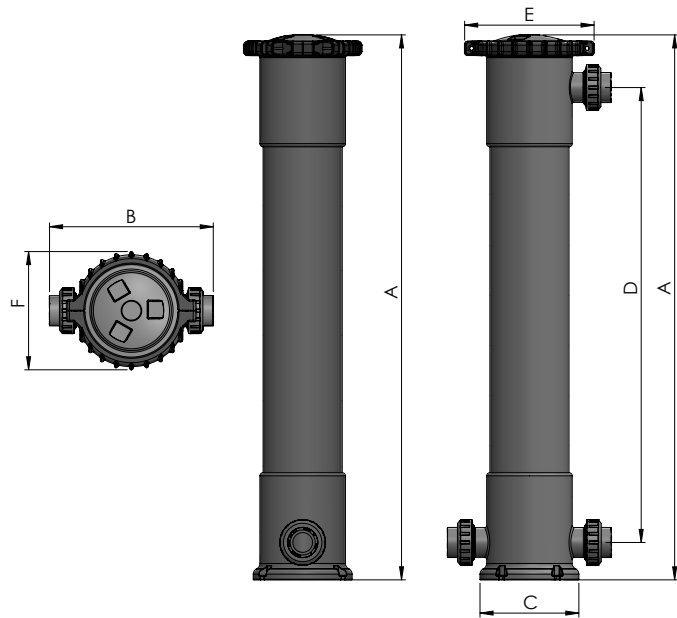


TANK



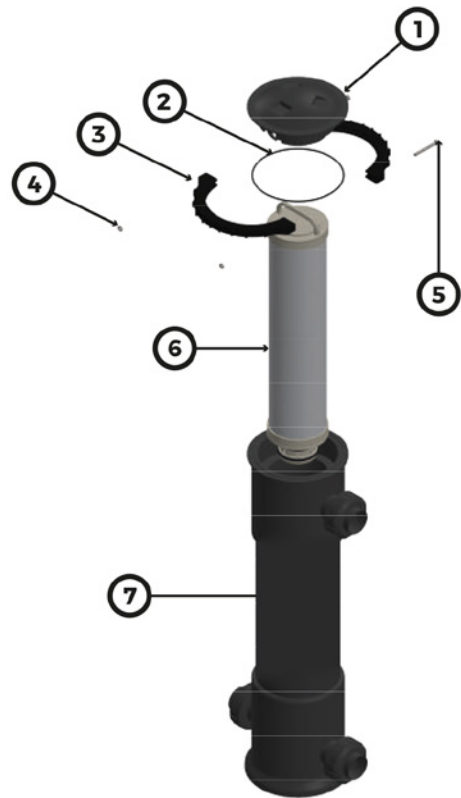
NEW

CODE	MAX. FLOWRATE M3/H	MAX. DIFFERENCE PRESSURE BAR	CONNECTION DIA MM	KG	PRICE
790000029	28	10	63	18	572,000 €



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
1250	414	250	1025	327	299

BILL OF MATERIALS	
1	Filter Cap
2	Cap O-ring
3	Clamp
4	Nut
5	Bolt
6	HF Filter
7	UPVC Filter Body

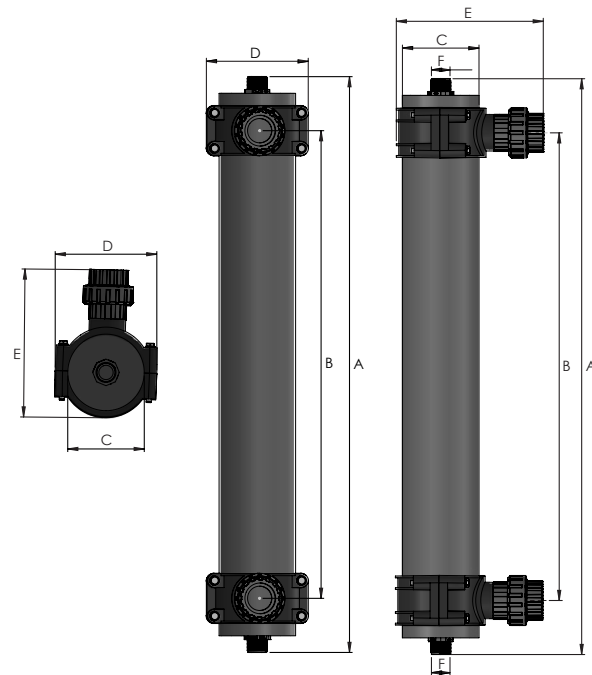


AQUASYNC ULTRAVEX 40 ULTRAVIOLET WATER STERILIZATION SYSTEM



NEW

CODE	POOL VOLUME M3/H	FLOW M3/H	LAMP TYPE	NUMBER OF LAMPS	UV DOSE RANGE (mJ/cm ²)	CONN. DIA (MM)	BODY DIA (MM)	PRICE
797104041	20-50	5-10	40	1	40-60	50	125	975,000 €



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
940	763,5	125	166	240	1"

FEATURES

- Constructed with a UV-resistant HDPE body.
- Designed for an operating pressure of up to 6 bar.
- Utilizes a low-pressure mercury vapor high-efficiency lamp.
- Equipped with a special lamp socket, allowing for easy and quick lamp replacement.
- When operated at nominal flow rates, it eliminates 99.99% of bacteria and viruses present in the water.
- All joints are manufactured using the plasma arc-fusion method, and the reactor body ensures high structural integrity.
- The high-quality UV lamp and transparent quartz sleeve provide optimal sterilization performance and long-term operational reliability.

PIEZORESISTIVAL PRESSURE TRANSMITTER



CODE	CONNECTION DIA	PRESSURE	BOX PCS	KG	PRICE
797000043	1/4 "	0-10 bar	1	0,1	142,50 €

- Piezoresistive operating principle
- Compact body size with a 22 mm thinness
- Long-term excellent performance
- Stainless steel body structure
- EMC and reverse polarity protection
- Various analog output options such as 4...20mA / 0...10VDC or CANopen output

DOUBLE MANOMETER



CODE	CONNECTION DIA	PRESSURE	BOX PCS	KG	PRICE
797000037	1/4 "	0-6 bar	1	0,1	93,75 €

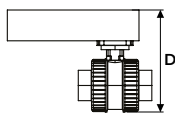
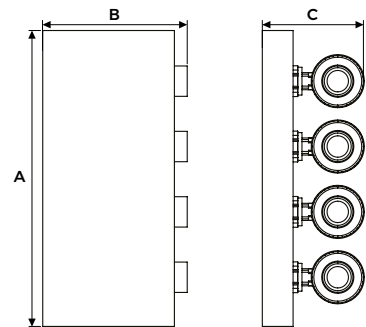
- Set including mini valve, handle, 1 m hose, and manometer

SYNCHRONIZED VALVE CONTROL (S.V.C)



CODE	CONNECTION DIA	PRESSURE	BOX PCS	KG	PRICE
797000038	63 mm	10	1	5	1,781.25 €

- VDC 24, 150 Nm torque, 5.0 A, 0-90 degrees



A (mm)	B (mm)	C (mm)	D (mm)
692	338	236	238

S.V.C. PANEL WITH ASTRONOMICAL CLOCK



CODE	CONNECTION DIA	PRESSURE	BOX PCS	KG	PRICE
797000039	220 V	0-10 bar	1	0,5	1,050.00 €

- 220x24 volt adapter
- Astronomical timer
- Double-acting relay

S.V.C. PANEL WITH AQUASYCN SENSOR



CODE	CONNECTION DIA	PRESSURE	BOX PCS	KG	PRICE
797000041	220 V	0-10 bar	1	0,5	2,812.50 €

- 220x24 volt adapter
- Aquasync
- Piezoresistive Pressure Transmitter
- Can be controlled remotely from phones and computers by wifi connection



S.V.C. PANEL AQUASYCN WITHOUT SENSOR



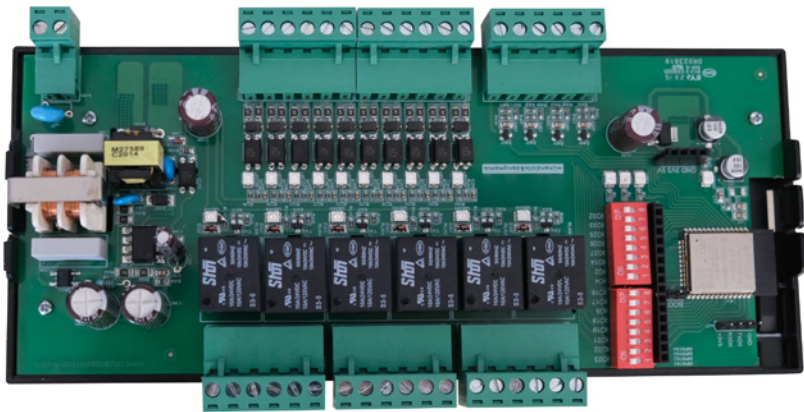
CODE	CONNECTION DIA	PRESSURE	BOX PCS	KG	PRICE
797000040	220 V	0-10 bar	1	0,5	4,500.00 €

- 220x24 volt adapter
- Aquasync
- Can be controlled remotely from phones and computers by wifi connection.





AQUASYCN



CODE	SUPPLY VOLTAGE	DIMENSIONS	BOX PCS	KG	PRICE
797000040	220 VAC	210 x 85 x 58 mm	1	0,5	1.950,00 €

Having compact dimensions and lightweight structure Aquasync is ideal for various industrial applications. Its 210 x 85 x 58 mm dimensions allow the device to be easily installed even in narrow spaces. Having the weight 420 gram it provides portability and ease of installation.

The wide operating temperature range (0 to 70°C) ensures reliable performance in different ambient conditions. 220 VAC supply voltage complies with industrial standards, while 300 mA maximum current consumption demonstrates the energy efficiency of the device. These features make aquasync an ideal choice for applications requiring long-term, uninterrupted operation.

Additionally, these technical features highlight the durability and reliability of the device, thus providing users with a solution they can use with confidence even in harsh industrial environments.

It can be controlled remotely from phones and computers by wifi connection.

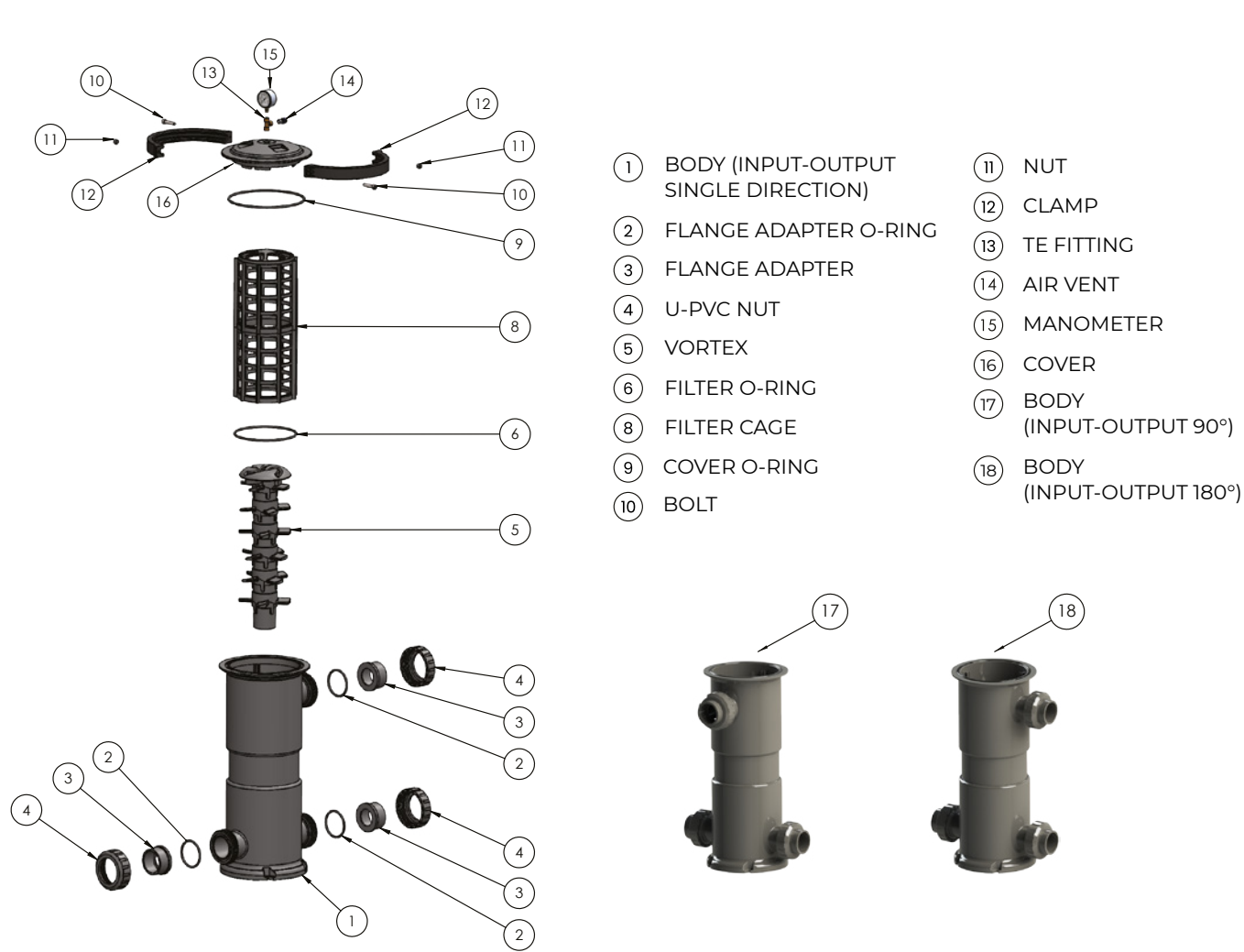


NTC PROBU



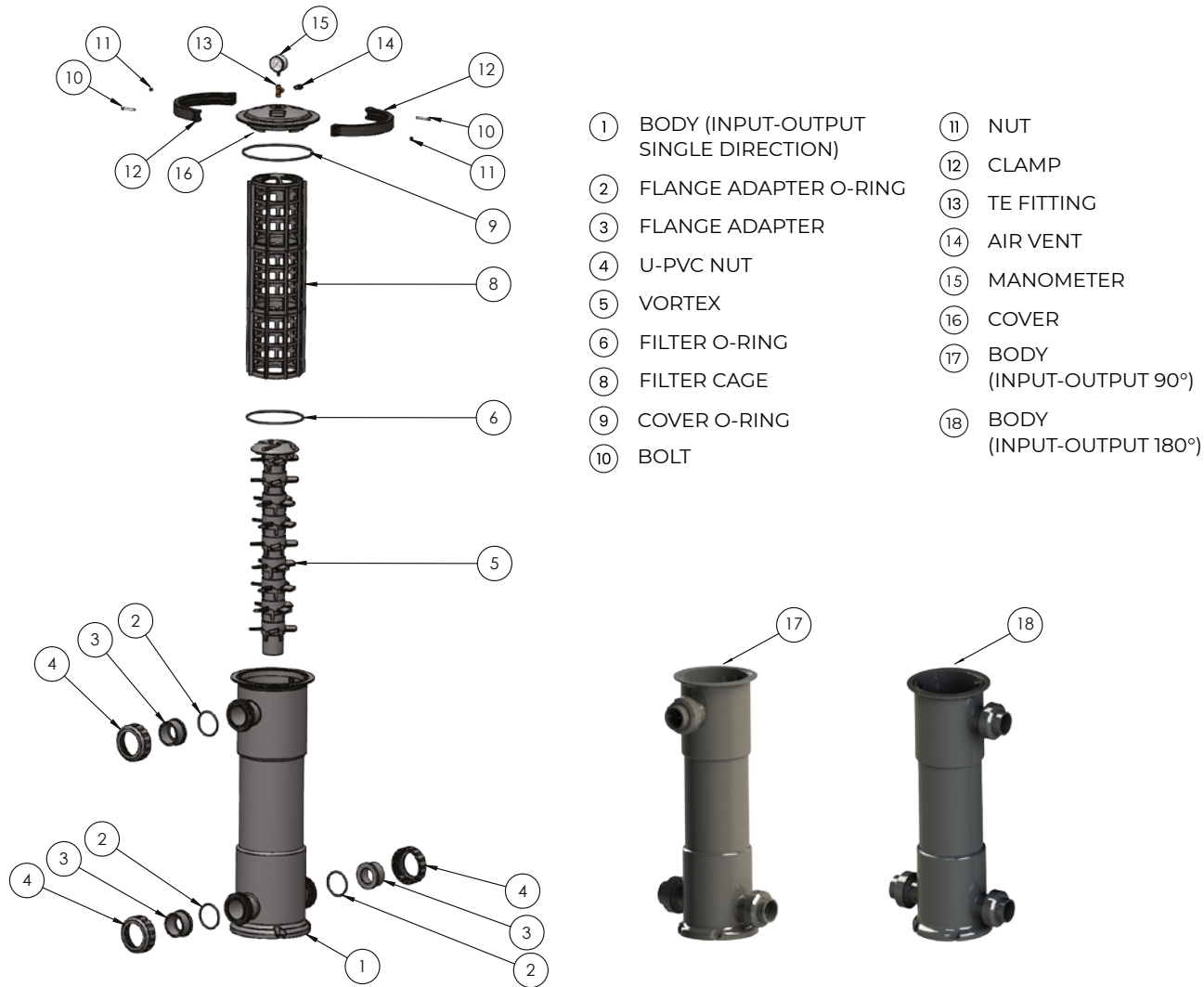
CODE	OPERATING TEMPERATURE	CONNECTION DIA	BOX PCS	KG	PRICE
797000045	-30 / +150 C	1/4	1	0,01	25,00 €

NANO FIBER VORTEX FILTER 17 m3/h SPARE PARTS LIST

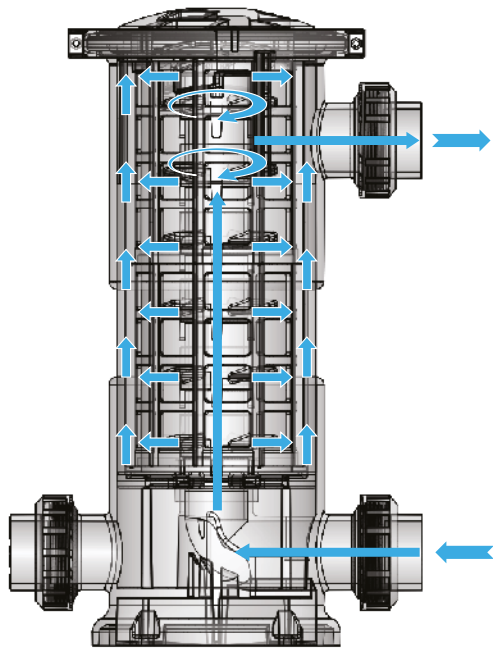


NO	CODE	KG / PCS	BOX / PCS	PRICE
1	790170000	8,01	1	802,00 €
2	202030759	-	1	1,81 €
3	512000632	0,30	1	1,85 €
4	202010632	0,45	1	6,00 €
5	790000016	1,32	1	88,00 €
6	790000013	-	1	8,50 €
8	790000017	0,97	1	99,00 €
9	790000012	-	1	8,50 €
10	790000018	-	1	1,30 €
11	790000016	-	1	0,50 €
12	790000002	0,35	2	49,00 €
13	790000015	-	1	9,00 €
14	ATSFLT033	-	1	4,00 €
15	729020006	-	1	19,00 €
16	790000006	0,88	1	88,00 €
17	790171000	8,01	1	802,00 €
18	790172000	8,01	1	802,00 €

NANO FIBER VORTEX FILTER 27 m3/h SPARE PARTS LIST

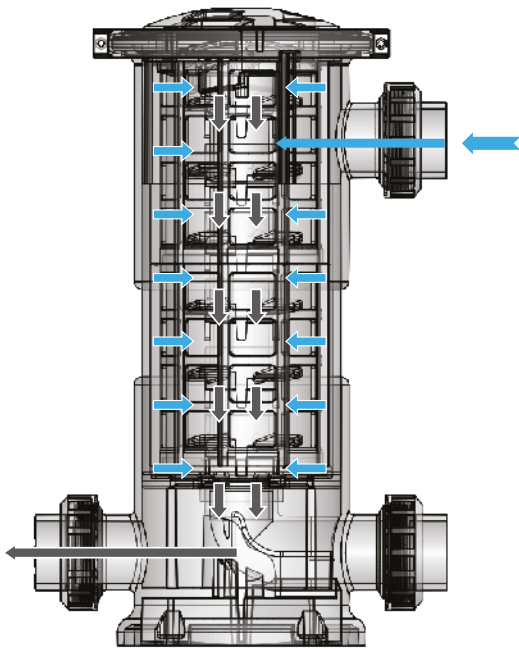


NO	CODE	KG / PCS	BOX / PCS	PRICE
1	790270000	9,05	1	1.200,00 €
2	202030759	-	1	1,81 €
3	512000632	0,30	1	1,85 €
4	202010632	0,45	1	6,00 €
5	790000019	1,89	1	180,00 €
6	790000013	-	1	8,50 €
8	790000027	1,42	1	190,00 €
9	790000012	-	1	8,50 €
10	790000018	-	1	1,30 €
11	790000019	-	1	0,60 €
12	790000002	0,35	2	49,00 €
13	790000015	-	1	9,00 €
14	ATSFLT033	-	1	4,00 €
15	729020006	-	1	19,00 €
16	790000006	0,88	1	88,00 €
17	790271000	9,05	1	1.200,00 €
18	790272000	9,05	1	1.200,00 €



FLOW DURING FILTRATION

The fluid entering from the lower part of the filter is transferred to the upper part. In the upper part of the filter, the speed of the fluid is increased, and a vortex flow is induced to move downwards. This way, particles adhering to the filter surface are swept away and pushed downwards from the filter surface.

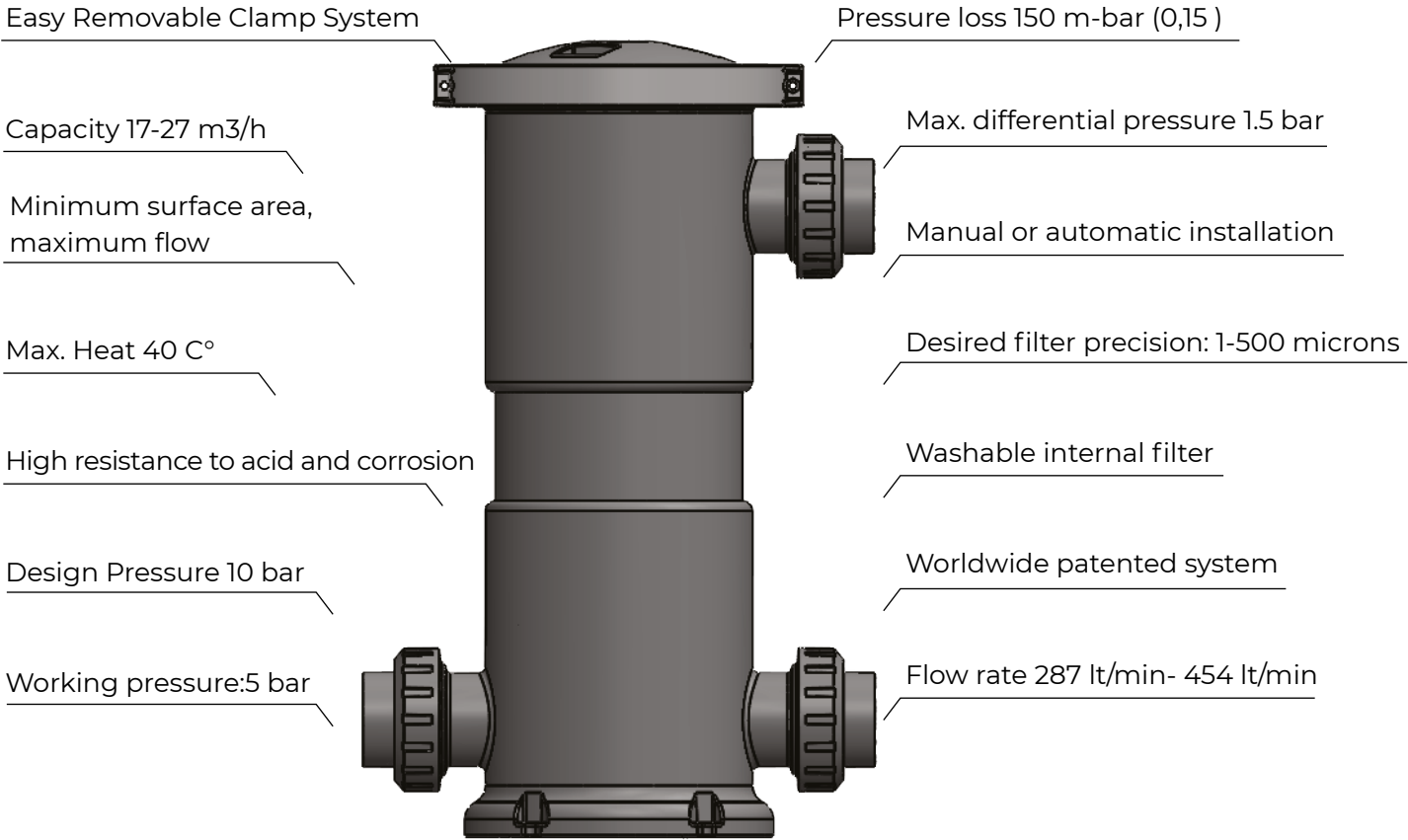
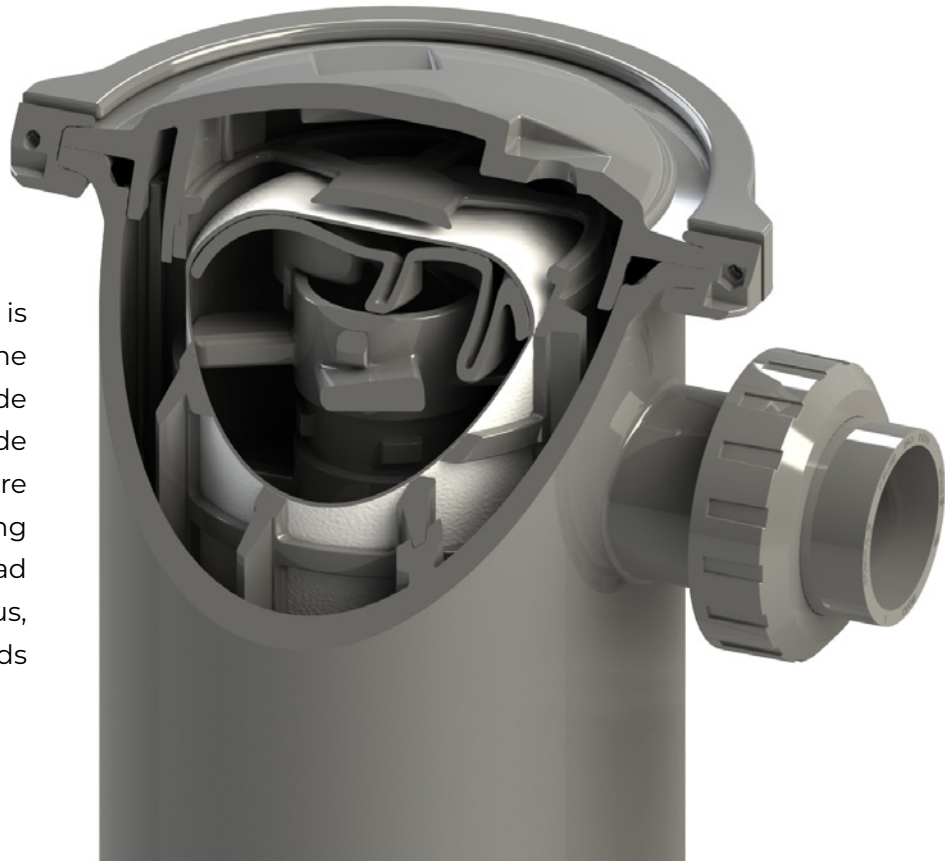


FLOW DURING BACKWASH

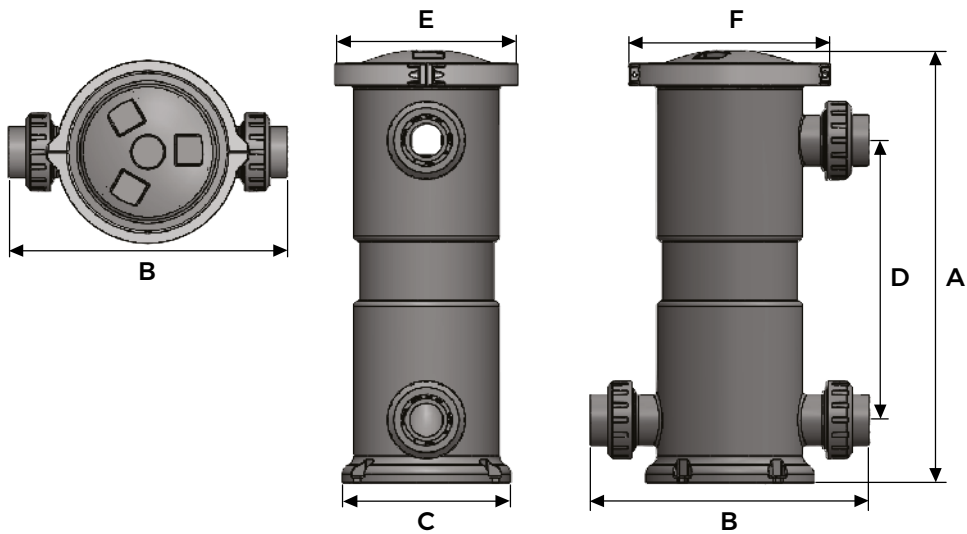
The fluid entering from the outlet of the filter flows from outside to inside. It drags the particles from the inside of the filter towards the bottom. The particles accumulated at the bottom are discharged from the drainage outlet.

CUSTOM DESIGN

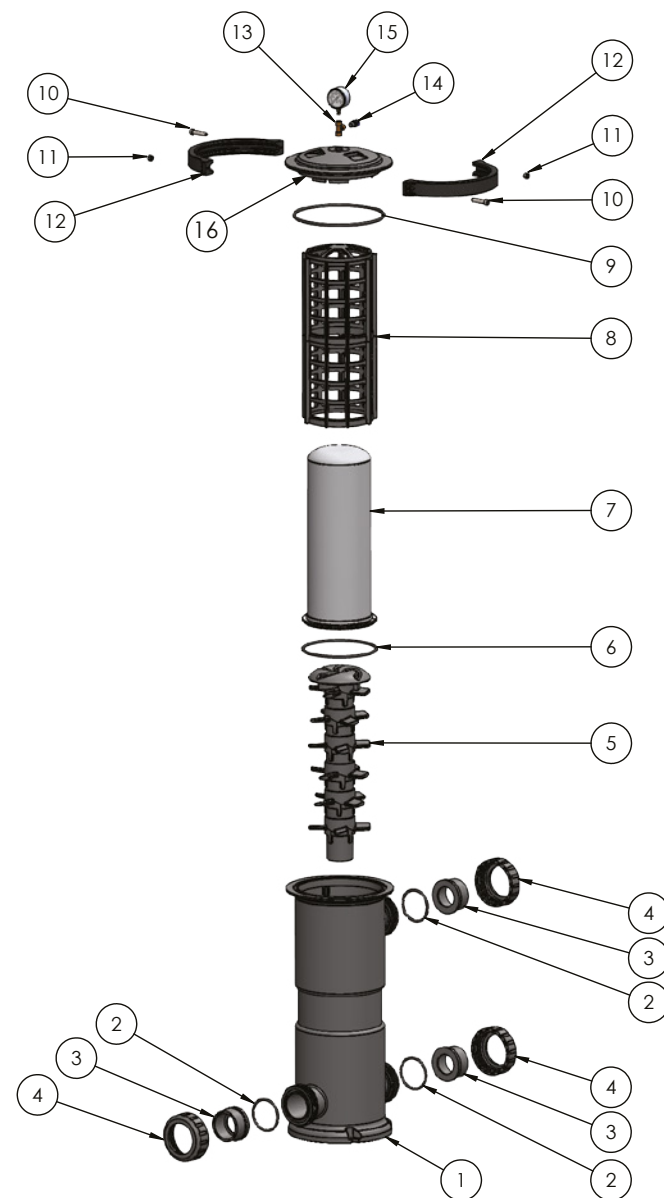
Due to vortex head a spinning motion is imparted to the water. Additionally, the speed increases. The flow created inside the filter is faster compared to outside the filter. Consequently, a low-pressure zone is formed inside the filter, allowing particles to be easily carried away instead of adhering to the filter surface. Thus, the filter can be used for longer periods without contamination.



Nanofibre vortex filter works better than other filters in terms of performance. Its filtration quality remains consistent even when the filtration rate varies. It saves significantly more water compared to other filters. Changing its internal filter is quick and easy. Since it is made of U-PVC material, it is more durable than other filter materials.



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
642	414	250	414	271	299
846	414	250	618	271	299



FILTER PARTS

- | | |
|-------------------------|----------------|
| ① BODY | ⑨ COVER O-RING |
| ② FLANGE ADAPTER O-RING | ⑩ BOLT |
| ③ FLANGE ADAPTER | ⑪ NUT |
| ④ UNION | ⑫ CLAMP |
| ⑤ VORTEX | ⑬ TE FITTING |
| ⑥ FILTER O-RING | ⑭ AIR VENT |
| ⑦ PP FILTER | ⑮ MANOMETER |
| ⑧ CAGE | ⑯ COVER |

FEATURES OF THE FILTER

- Patented system
- Filtration at desired precision
- Easy cleaning with backwashing
- Minimum water consumption during backwash
- Filtration retention capacity: 98%
- High resistance to acids and chemicals
- Installation in desired capacities
- Washable internal filter in PP and polyester
- Easy disassembly with clamp system
- Minimum operating costs
- Easy installation with unions

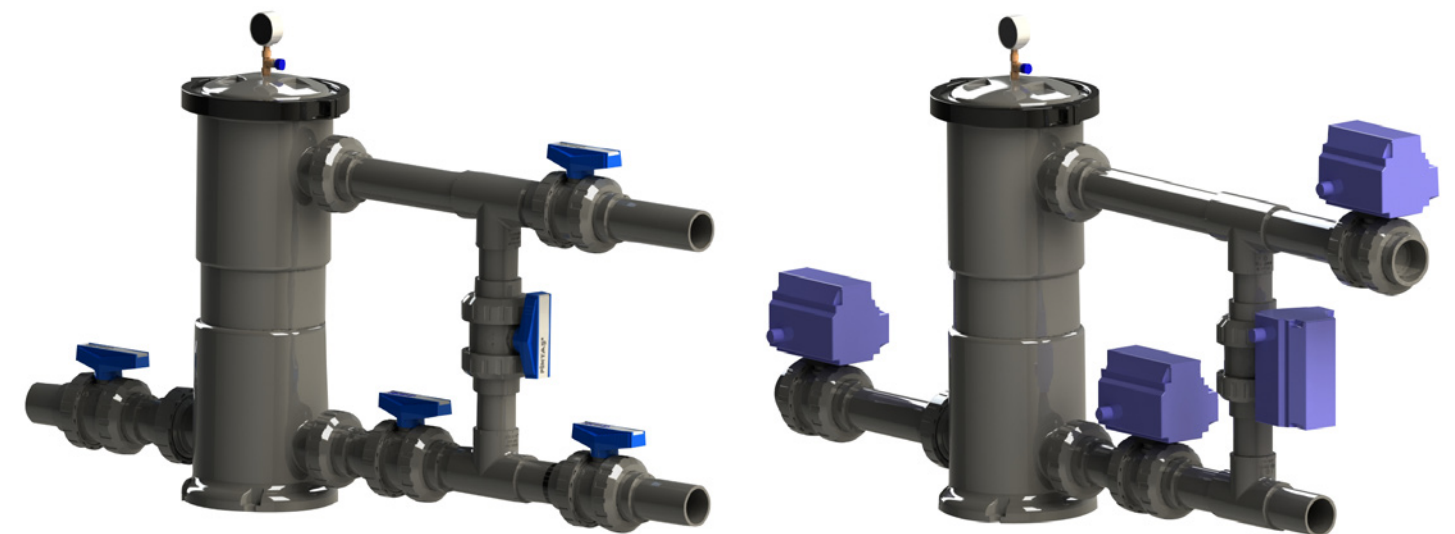


Available in polyester and polypropylene.

The internal filter is washable as being made of PP and polyester.

The cage and vortex blades can be removed, allowing the internal filter to be washed and reused.

Filter cloth selection is available in filtration precisions of 1 µm, 5 µm, 10 µm, 25 µm, 50 µm, 100 µm, 150 µm, 200 µm, 300 µm, 400 µm, 500 µm



NanoFiber Vortex Filter

Manual

CAPACITY MAX. 17 m³/h

CAPACITY MAX. 27 m³/h

NanoFiber Vortex Filter

Automatic

CAPACITY MAX. 17 m³/h

CAPACITY MAX. 27 m³/h

Desired capacity can be adjusted by adding the collector in parallel.



Capacity 135m/h



SELECTION TABLE FOR POOLS								
SEQUENCE NO	POOL DIMENSIONS M	DEPTH M	VOLUME M3	FILTER M3/H	PUMP HP	SALT CHLORINE	SYSTEM	COLLECTORS
1	5x3	1,5	21	27	0,75	12	system 1	50
2	6x3	1,5	27	27	0,75	12	system 1	50
3	7x3	1,5	30	27	0,75	12	system 1	50
4	8x4	1,5	48	27	0,75	12	system 1	50
5	9x4.5	1,5	60	27	0,75	24	system 2	50
6	9x5	1,5	67	27	0,75	24	system 2	50
7	10x5	1,5	75	27	1,5	24	system 2	63
8	11x5.5	1,5	90	27	1,5	24	system 2	63
9	12x6	1,5	108	27	2	36	system 3	63
10	14x7	1,5	147	27+27	1,5+1,5	72	system 3	63
11	16x8	1,5	192	27+27	1,5+1,5	72	system 4	110
12	18x9	1,5	243	3x27	3,5	108	system 4	110
13	20x10	1,5	350	4x27	4,5	108	system 5	140
14	25x10	1,5	375	5x27	5,5	108	system 5	140
15	25x12.5	1,5	470	5x27	7,5	144	system 6	160
16	50x25	1,5	1875	2x2x(5x27)	4x7.5	250	system 7	160

NANOFIBER VORTEX FILTER SELECTION TABLE						
SEQUENCE NO	POOL DIMENSIONS M	DEPTH M	VOLUME M3	FILTER M3/H	PUMP HP	COLLECTORS
1	5x3	1,5	21	17-27	0,75	50
2	6x3	1,5	27	17-27	0,75	50
3	7x3	1,5	30	17-27	0,75	50
4	8x4	1,5	48	27	0,75	50
5	9x4.5	1,5	60	27	0,75	50
6	9x5	1,5	67	27	0,75	50
7	10x5	1,5	75	27	1,5	50
8	11x5.5	1,5	90	27	1,5	50
9	12x6	1,5	108	27+27	2	63
10	14x7	1,5	147	27+27	1,5+1,5	63
11	16x8	1,5	192	27+27	1,5+1,5	110
12	18x9	1,5	243	3x27	3,5	110
13	20x10	1,5	350	4x27	4,5	140
14	25x10	1,5	375	5x27	5,5	140
15	25x12.5	1,5	470	5x27	7,5	160
16	50x25	1,5	1875	4x(5x27)	4x7.5	160

			
	SAND FILTER	CARTRIDGE FILTER	VORTEX FILTER
Filtration precision		○	○
Water consumption in backwash		○	○
Ease of operation	○		○
Cost of operation	○		○
Service maintenance		○	○
Holding ability		○	○
Automation			○
Dimensions		○	○
Capacity	○		○

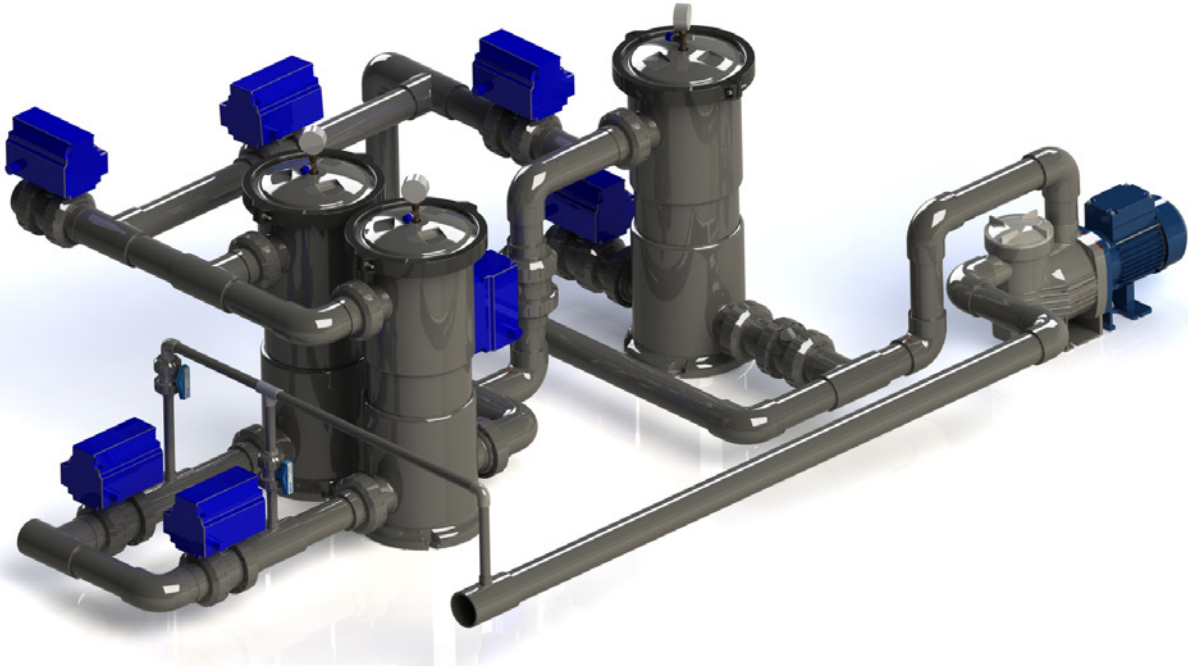
AREAS OF USE

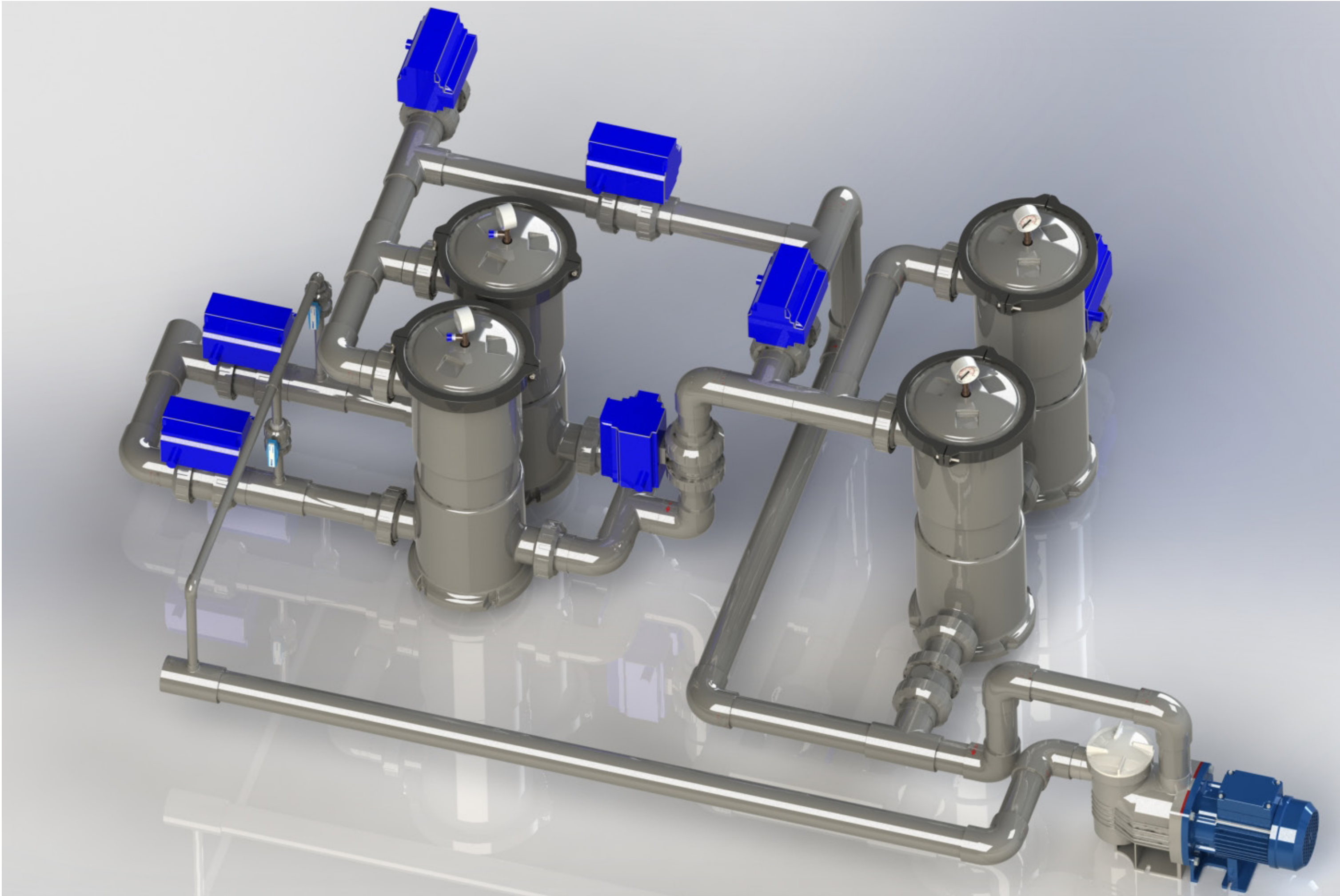
- Pool water and ornamental pool filtration
- Aquarium systems, fish farm water filtration
- Drinking water and wastewater filtration, greywater systems
- Garden, greenhouse irrigation systems, well water filtration
- Process water, cooling system water
- Rainwater filtration
- Food industry for oil, milk, beverage filtration
- All industrial water filtration
- Industrial oil and hydraulic fluid filtration
- Metal plating filtration processes
- Paint, varnish production for sediment filtration
- Filtration processes in pharmaceutical and health sectors
- Filtration of process fluids in chemical industry
- Hydroelectric power plants, mining industry
- Filtration of seawater

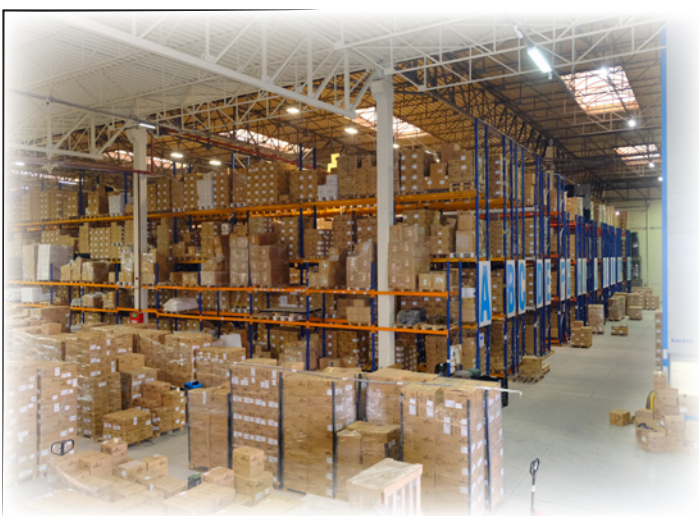
SHIPMENT DETAILS

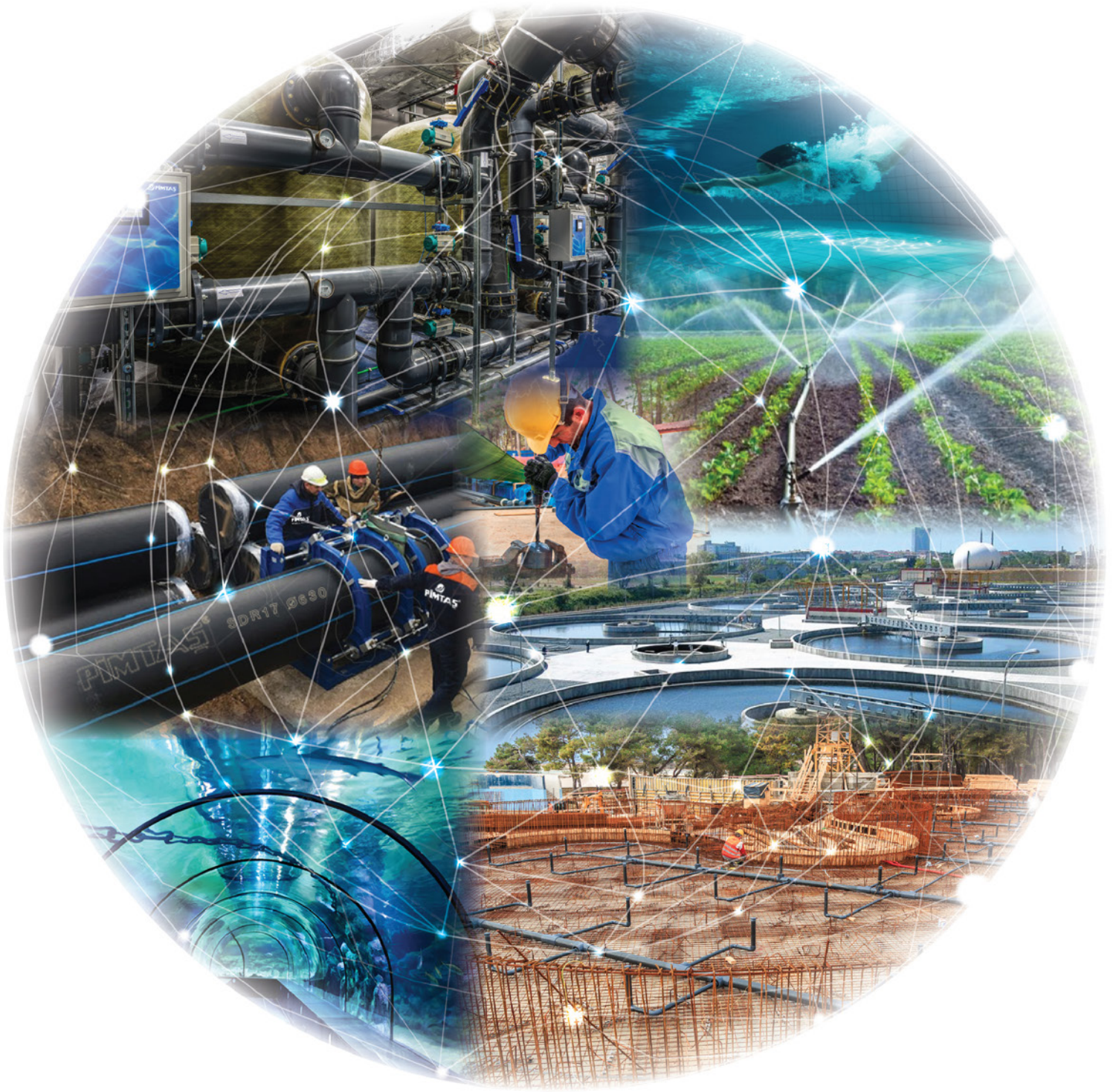


CODE	EURO PALLET / PCS (0.8X1.2)	20' CONTAINER / PCS (5.90X2.35X2.39)	40' CONTAINER / PCS (12.03X2.35X2.39)
791000001	24	240	552
792000001	16	160	368
793000001	24	240	552
794000001	16	160	368
795000001	24	240	552
796000001	16	160	368
792600001	2	20	46
793600001	2	20	46
791700001	4	40	92
791800001	4	40	92
791500001	4	40	92
791600001	4	40	92
791300001	4	40	92
791400001	4	40	92
791100001	4	40	92
791200001	4	40	92









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