

The background of the cover is a photograph of a waterfall cascading over rocks, with a clear view of the rocky riverbed below. A large, dark blue diagonal swoosh cuts across the upper left portion of the image. The title 'PRODUCT CATALOGUE' is written in large, white, sans-serif capital letters, with '2023' in a smaller font size below it. A thin white vertical line is positioned to the left of the text.

PRODUCT CATALOGUE

2023

PREFACE

"We aim to transfer our knowledge gained in 20 years with the right projects and never lose our amateur spirit.

We have been on this road for such a long time that we hope to be together with you again and We will be happy to see your smiling faces."

DEEM AQUA FAMILY

ABOUT US

We offer our 20 years of sectoral experience and knowledge in water treatment methods and technologies to our valued customers under the brand DEEM AQUA with a professional team. We fulfill the demands and expectations in a timely and complete manner in the treatment of general use, waste and drinking water, and provide quality service to our domestic and foreign customers.



INDEX

PREFACE

ABOUT US

General Filtration Systems

- 1** DQF Series Sand Filters with Automatic Valve
- 2** DCF Series Carbon Filters with Automatic Valve
- 3** DBF Series Sand Iron Filters with Automatic Valve
- 4** DAF Series Manganese Filters with Automatic Valve
- 5** DQFP Series Automatic Surface Piping Sand Filters
- 6** DCFP Series Automatic Surface Piping Carbon Filters
- 7** DBFP Series Automatic Surface Piping Sand Iron Filters
- 8** DAFP Series Automatic Surface Piping Manganese Filters
- 9** DQMF Series Manual Sand Filters
- 10** DMF Series Manual Mixed Bed Filters
- 11** DDF Series Manual Dolomite Filters
- 12** EQSP Series Steel Surface Piping Sand Filters
- 13** ECSP Series Steel Surface Piping Carbon Filters
- 14** EBSP Series Steel Surface Piping Sand Iron Filters
- 15** EASP Series Steel Surface Piping Manganese Filters

Precise Filtration Systems

- 16** FSD Series Stainless Steel Multiple Cartridge Filters
- 17** FPD Series Plastic Multiple Cartridge Filters
- 18** FZD Series Separator Filters
- 19** FBD Series Bag Filters
- 20** FD/FB Series Cartridge Filter Housings

Automatic Softening Systems

- 21** DSTF Series Softening Systems with Timer Valve
- 22** DSVF Series Softening Systems with Volumetric Valve
- 23** DSDF Series Duplex Softening Systems
- 24** DSTP Series Surface Piping Softening Systems
- 25** DSDP Series Surface Piping Duplex Softening Systems
- 26** ESTP Series Steel Surface Piping Softening Systems
- 27** ESDP Series Steel Surface Piping Duplex Softening Systems

Reverse Osmosis Systems

- 28** DRO S Series Reverse Osmosis Systems
- 29** DRO M Series Reverse Osmosis Systems
- 30** DRO XL Series Reverse Osmosis Systems
- 32** DSRO M Series Sea Water Reverse Osmosis Systems
- 33** DSRO XL Series Sea Water Reverse Osmosis Systems

Ultrafiltration Systems

- 34** DUF XL Series Ultrafiltration Systems

Ultraviolet Systems

- 35** GTB Series Mono Lamp Ultraviolet Systems
- 36** GTD Series Mono Lamp Ultraviolet Systems
- 37** GCB Series Multiple Lamp Ultraviolet Systems
- 38** GCD Series Multiple Lamp Ultraviolet Systems

INDEX

Our Turnkey Systems

- 39** Mobile Treatment Systems
- 40** Wastewater Treatment and Recovery Systems
- 41** Gray Water Treatment Systems
- 42** Rain Water Treatment Systems

Spare Parts

- 43** Filter Cartridges
- 45** Reverse Osmosis Membranes
- 46** Ultraviolet Spares
- 47** FRP Filter Tanks
- 48** Filter Valves
- 49** Water Treatment Minerals
- 50** Water Treatment Chemicals

Our Other Services

- 51** Projection
- 52** Production
- 53** Installation
- 54** After Sales
- 55** Operation
- 56** Contact Us



GENERAL FILTRATION SYSTEMS

SYSTEM GENERAL SPECIFICATIONS

- * High quality FRP Tank
- * Automatic valve for filtration and backwashing automation
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Anthracite and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Digital Valve
- * Mechanical Valve



STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	ANTHRACITE (KGS)	GRAVEL (KGS)
Q1010FO	DQF 835-3/4"	0,6	0,9	0,9	0,03	3/4	5	7
Q1015FO	DQF 1035-3/4"	1	1,5	1,5	0,05	3/4	7	23
Q1020FO	DQF 1054-3/4"	1	1,5	1,5	0,05	3/4	15	35
Q1025FO	DQF 1354-1"	1,8	2,7	2,7	0,09	1	25	50
Q1030FO	DQF 1465-1"	2	3	3	0,10	1	25	75
Q1035FO	DQF 1665-1"	2,6	3,9	3,9	0,13	1	50	100
Q1040FO	DQF 1865-1 1/2"	3,2	4,8	4,8	0,16	1 1/2	50	125
Q1045FO	DQF 2162-1 1/2"	4,4	6,6	6,6	0,22	1 1/2	75	125
Q1050FO	DQF 2472-2"	5,8	8,7	8,7	0,29	2	100	150
Q1055FO	DQF 3072-2"	9	13,5	13,5	0,45	2	150	250
Q1060FO	DQF 3672-2"	13,2	19,8	19,8	0,66	2	200	400

* Systems above, are comprised with Runxin valve. Technical specifications will be updated in valve brand changes.



SYSTEM GENERAL SPECIFICATIONS

- * High quality FRP Tank
- * Automatic valve for filtration and backwashing automation
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Active carbon and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Digital Valve
- * Mechanical Valve

STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	ACTIVE CARBON (KGS)	GRAVEL (KGS)
C1010FO	DCF 835-3/4"	0,6	0,9	0,6	0,03	3/4	10	3
C1015FO	DCF 1035-3/4"	1	1,5	1	0,05	3/4	15	5
C1020FO	DCF 1054-3/4"	1	1,5	1	0,05	3/4	25	5
C1025FO	DCF 1354-1"	1,8	2,7	1,8	0,09	1	35	15
C1030FO	DCF 1465-1"	2	3	2	0,10	1	50	20
C1035FO	DCF 1665-1"	2,6	3,9	2,6	0,13	1	60	20
C1040FO	DCF 1865-1 1/2"	3,2	4,8	3,2	0,16	1 1/2	75	25
C1045FO	DCF 2162-1 1/2"	4,4	6,6	4,4	0,22	1 1/2	100	25
C1050FO	DCF 2472-2"	5,8	8,7	5,8	0,29	2	125	50
C1055FO	DCF 3072-2"	9	13,5	9	0,45	2	200	75
C1060FO	DCF 3672-2"	13,2	19,8	13,2	0,66	2	300	100

* Systems above, are comprised with Runxin valve. Technical specifications will be updated in valve brand changes.

* Systems above, are comprised with coal based active carbon. Technical specifications will be updated in case of using coconut based active carbon

SYSTEM GENERAL SPECIFICATIONS

- * High quality FRP Tank
- * Automatic valve for filtration and backwashing automation
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Anthracite, Birm and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Digital Valve
- * Mechanical Valve



STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	BIRM (KGS)	ANTHRACITE (KGS)	GRAVEL (KGS)
B1010FO	DBF 835-3/4"	0,6	0,9	0,9	0,03	3/4	5	7	5
B1015FO	DBF 1035-3/4"	1	1,5	1,5	0,05	3/4	7	15	7
B1020FO	DBF 1054-3/4"	1	1,5	1,5	0,05	3/4	10	20	7
B1025FO	DBF 1354-1"	1,8	2,7	2,7	0,09	1	15	25	25
B1030FO	DBF 1465-1"	2	3	3	0,10	1	25	37	25
B1035FO	DBF 1665-1"	2,6	3,9	3,9	0,13	1	25	50	25
B1040FO	DBF 1865-1 1/2"	3,2	4,8	4,8	0,16	1 1/2	50	75	50
B1045FO	DBF 2162-1 1/2"	4,4	6,6	6,6	0,22	1 1/2	50	100	50
B1050FO	DBF 2472-2"	5,8	8,7	8,7	0,29	2	50	125	50
B1055FO	DBF 3072-2"	9	13,5	13,5	0,45	2	150	200	200
B1060FO	DBF 3672-2"	13,2	19,8	19,8	0,66	2	200	300	300

* Systems above, are comprised with Runxin valve. Technical specifications will be updated in valve brand changes.



SYSTEM GENERAL SPECIFICATIONS

- * High quality FRP Tank
- * Automatic valve for filtration and backwashing automation
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Aquamandix and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Digital Valve
- * Mechanical Valve

STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	AQUAMANDIX (LT)	GRAVEL (KGS)
A1010FO	DAF 835-3/4"	0,6	0,9	0,6	0,03	3/4	20	3
A1015FO	DAF 1035-3/4"	1	1,5	1	0,05	3/4	30	5
A1020FO	DAF 1054-3/4"	1	1,5	1	0,05	3/4	50	5
A1025FO	DAF 1354-1"	1,8	2,7	1,8	0,09	1	70	15
A1030FO	DAF 1465-1"	2	3	2	0,10	1	100	20
A1035FO	DAF 1665-1"	2,6	3,9	2,6	0,13	1	125	20
A1040FO	DAF 1865-1 1/2"	3,2	4,8	3,2	0,16	1 1/2	150	25
A1045FO	DAF 2162-1 1/2"	4,4	6,6	4,4	0,22	1 1/2	200	25
A1050FO	DAF 2472-2"	5,8	8,7	5,8	0,29	2	250	50
A1055FO	DAF 3072-2"	9	13,5	9	0,45	2	400	75
A1060FO	DAF 3672-2"	13,2	19,8	13,2	0,66	2	600	100

* Systems above, are comprised with Runxin valve. Technical specifications will be updated in valve brand changes.

SYSTEM GENERAL SPECIFICATIONS

- * High Quality FRP Tank
- * Electronic Card for filtration and backwashing automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Anthracite and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Backwash via differential pressure
- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel piping



STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	ANTHRACITE (KGS)	GRAVEL (KGS)
Q1055FY	DQFP 3072-1 1/2"	9	13,5	13,5	0,45	1 1/2	150	250
Q1060FY	DQFP 3672-2"	13,2	19,8	19,8	0,66	2	200	400
Q1065FY	DQFP 4272-2"	17,8	26,7	26,7	0,89	2	250	450
Q1070FY	DQFP 4872-3"	23,4	35,1	35,1	1,17	3	300	500
Q1075FY	DQFP 6386-4"	40	60	60	2	4	500	1500

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

* If backwashing is requested according to the differential pressure, there will be a price difference as the automation system will be changed and differential pressure sensors will be added.



SYSTEM GENERAL SPECIFICATIONS

- * High Quality FRP Tank
- * Electronic Card for filtration and backwashing automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Active carbon and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Backwash via differential pressure
- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel piping

STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	ACTIVE CARBON (KGS)	GRAVEL (KGS)
C1055FY	DCFP 3072-1 1/2"	9	13,5	9	0,45	1 1/2	200	75
C1060FY	DCFP 3672-2"	13,2	19,8	13,2	0,66	2	300	100
C1065FY	DCFP 4272-2"	17,8	26,7	17,8	0,89	2	375	150
C1070FY	DCFP 4872-3"	23,4	35,1	23,4	1,17	3	425	200
C1075FY	DCFP 6386-4"	40	60	40	2	4	750	500

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

* If backwashing is requested according to the differential pressure, there will be a price difference as the automation system will be changed and differential pressure sensors will be added.

* Systems above, are comprised with coal based active carbon. Technical specifications will be updated in case of using coconut based active carbon.

SYSTEM GENERAL SPECIFICATIONS

- * High Quality FRP Tank
- * Electronic Card for filtration and backwashing automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Anthracite, Birm and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Backwash via differential pressure
- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel piping



STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	BIRM (KGS)	ANTHRACITE (KGS)	GRAVEL (KGS)
B1055FY	DBFP 3072-1 1/2"	9	13,5	13,5	0,45	1 1/2	150	200	200
B1060FY	DBFP 3672-2"	13,2	19,8	19,8	0,66	2	200	300	300
B1065FY	DBFP 4272-2"	17,8	26,7	26,7	0,89	2	225	350	350
B1070FY	DBFP 4872-3"	23,4	35,1	35,1	1,17	3	250	375	400
B1075FY	DBFP 6386-4"	40	60	60	2	4	275	400	475

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

* If backwashing is requested according to the differential pressure, there will be a price difference as the automation system will be changed and differential pressure sensors will be added.



SYSTEM GENERAL SPECIFICATIONS

- * High Quality FRP Tank
- * Electronic Card for filtration and backwashing automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Aquamandix and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Backwash via differential pressure
- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel piping

STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	AQUAMANDIX (LT)	GRAVEL (KGS)
A1055FY	DAFP 3072-1 1/2"	9	13,5	9	0,45	1 1/2	400	75
A1060FY	DAFP 3672-2"	13,2	19,8	13,2	0,66	2	600	100
A1065FY	DAFP 4272-2	17,8	26,7	17,8	0,89	2	750	150
A1070FY	DAFP 4872-3"	23,4	35,1	23,4	1,17	3	850	250
A1075FY	DAFP 6386-4"	40	60	40	2	4	1000	400

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

* If backwashing is requested according to the differential pressure, there will be a price difference as the automation system will be changed and differential pressure sensors will be added.

SYSTEM GENERAL SPECIFICATIONS

- * High Quality FRP Tank
- * Manual valve for filtration and backwashing automation
- * PVC Piping for 42"x72" tanks and beyond
- * Manual valves with PVC body
- * Anthracite and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Automatic valves



STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	ANTHRACITE (KGS)	GRAVEL (KGS)
Q1010FM	DQMF 835-1"	0,6	0,9	0,9	0,03	1	5	7
Q1015FM	DQMF 1035-1"	1	1,5	1,5	0,05	1	7	23
Q1020FM	DQMF 1054-1"	1	1,5	1,5	0,05	1	15	35
Q1025FM	DQMF 1354-1"	1,8	2,7	2,7	0,09	1	25	50
Q1030FM	DQMF 1465-1"	2	3	3	0,10	1	25	75
Q1035FM	DQMF 1665-1"	2,6	3,9	3,9	0,13	1	50	100
Q1040FM	DQMF 1865-1"	3,2	4,8	4,8	0,16	1	50	125
Q1045FM	DQMF 2162-2"	4,4	6,6	6,6	0,22	2	75	125
Q1050FM	DQMF 2472-2"	5,8	8,7	8,7	0,29	2	100	150
Q1055FM	DQMF 3072-2"	9	13,5	13,5	0,45	2	150	250
Q1060FM	DQMF 3672-2"	13,2	19,8	19,8	0,66	2	200	400
Q1065FM	DQMF 4272-2"	17,8	26,7	26,7	0,89	2	250	450
Q1070FM	DQMF 4872-3"	23,4	35,1	35,1	1,17	3	300	500
Q1075FM	DQMF 6386-4"	40	60	60	2	4	500	1500

**SYSTEM GENERAL SPECIFICATIONS**

- * High Quality FRP Tank
- * Manual valve for filtration and backwashing automation
- * PVC Piping for 42"x72" tanks and beyond
- * Manual valves with PVC body
- * Mixedbed resin as Purolite brand

SYSTEM OPTIONAL SPECIFICATIONS

- * Automatic valves

STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	MIXBED RESIN (LT)
M1010FM	DMF 835-1"	0,6	0,9	0,03	1	15
M1015FM	DMF 1035-1"	1	1,5	0,05	1	25
M1020FM	DMF 1054-1"	1	1,5	0,05	1	50
M1025FM	DMF 1354-1"	1,8	2,7	0,09	1	75
M1030FM	DMF 1465-1"	2	3	0,10	1	100
M1035FM	DMF 1665-1"	2,6	3,9	0,13	1	150
M1040FM	DMF 1865-1"	3,2	4,8	0,16	1	175
M1045FM	DMF 2162-2"	4,4	6,6	0,22	2	250
M1050FM	DMF 2472-2"	5,8	8,7	0,29	2	350
M1055FM	DMF 3072-2"	9	13,5	0,45	2	500
M1060FM	DMF 3672-2"	13,2	19,8	0,66	2	700
M1065FM	DMF 4272-2"	17,8	26,7	0,89	2	1000
M1070FM	DMF 4872-3"	23,4	35,1	1,17	3	2000
M1075FM	DMF 6386-4"	40	60	2	4	2500

SYSTEM GENERAL SPECIFICATIONS

- * High Quality FRP Tank
- * Manual valve for filtration and backwashing automation
- * PVC Piping for 42"x72" tanks and beyond
- * Manual valves with PVC body
- * Dolomite mineral suitable for drinking water

SYSTEM OPTIONAL SPECIFICATIONS

- * Automatic valves



STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	DOLOMITE (KGS)
D1010FM	DDF 835-1"	0,6	0,9	0,03	1	25
D1015FM	DDF 1035-1"	1	1,5	0,05	1	50
D1020FM	DDF 1054-1"	1	1,5	0,05	1	75
D1025FM	DDF 1354-1"	1,8	2,7	0,09	1	100
D1030FM	DDF 1465-1"	2	3	0,10	1	150
D1035FM	DDF 1665-1"	2,6	3,9	0,13	1	200
D1040FM	DDF 1865-1"	3,2	4,8	0,16	1	250
D1045FM	DDF 2162-2"	4,4	6,6	0,22	2	350
D1050FM	DDF 2472-2"	5,8	8,7	0,29	2	500
D1055FM	DDF 3072-2"	9	13,5	0,45	2	750
D1060FM	DDF 3672-2"	13,2	19,8	0,66	2	1000
D1065FM	DDF 4272-2"	17,8	26,7	0,89	2	1500
D1070FM	DDF 4872-3"	23,4	35,1	1,17	3	2000
D1075FM	DDF 6386-4"	40	60	2	4	2500

**SYSTEM GENERAL SPECIFICATIONS**

- * Epoxy painted ST37 Tank
- * Electronic Card for filtration and backwashing automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Anthracite and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Backwash via differential pressure
- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel tank or piping
- * Colour alternatives for tanks

STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	ANTHRACITE (KGS)	GRAVEL (KGS)
Q1070CY	EQSP 1250-2 1/2"	24,6	36,9	36,9	1,23	2 1/2	250	1375
Q1075CY	EQSP 1600-3"	40	60	60	2	3	450	2375
Q1080CY	EQSP 2000-4"	62,8	94,2	94,2	3,14	4	600	3150
Q1085CY	EQSP 2400-5"	90,4	135,6	135,6	4,52	5	850	4525
Q1090CY	EQSP 2800-6"	123	185,4	185,4	6,15	6	1150	6200

Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

* If backwashing is requested according to the differential pressure, there will be a price difference as the automation system will be changed and differential pressure sensors will be added.

SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Tank
- * Electronic Card for filtration and backwashing automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Active Carbon and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Backwash via differential pressure
- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel tank or piping
- * Colour alternatives for tanks



STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	ACTIVE CARBON (KGS)	GRAVEL (KGS)
C1070CY	ECSP 1250 2/12"	24,6	36,9	24,6	1,23	2 1/2	475	700
C1075CY	ECSP 1600-3"	40	60	40	2	3	850	550
C1080CY	ECSP 2000-4"	62,8	94,2	62,8	3,14	4	1325	600
C1085CY	ECSP 2400-5"	90,4	135,6	90,4	4,52	5	1800	725
C1090CY	ECSP 2800-6"	123	185,4	123	6,15	6	2600	975

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

* If backwashing is requested according to the differential pressure, there will be a price difference as the automation system will be changed and differential pressure sensors will be added.

* Systems above, are comprised with coal based active carbon. Technical specifications will be updated in case of using coconut based active carbon.



SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Tank
- * Electronic Card for filtration and backwashing automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Anthracite, Birm and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Backwash via differential pressure
- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel tank or piping
- * Colour alternatives for tanks

STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	BIRM (KGS)	ANTHRACITE (KGS)	GRAVEL (KGS)
B1070CY	EBSP 1250-2 1/2"	24,6	36,9	24,6	1,13	2 1/2	575	250	800
B1075CY	EBSP 1600-3"	40	60	40	2	3	875	450	1500
B1080CY	EBSP 2000-4"	62,8	94,2	62,8	3,14	4	1000	600	2150
B1085CY	EBSP 2400-5"	90,4	135,6	90,4	4,52	5	1525	850	3000
B1090CY	EBSP 2800-6"	123	185,4	123	6,15	6	2200	1150	4000

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

* If backwashing is requested according to the differential pressure, there will be a price difference as the automation system will be changed and differential pressure sensors will be added.

SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Tank
- * Electronic Card for filtration and backwashing automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Backwash via timer control
- * Aquamandix and different size of quartz minerals

SYSTEM OPTIONAL SPECIFICATIONS

- * Backwash via differential pressure
- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel tank or piping
- * Colour alternatives for tanks



STOCK CODE	MODEL	FLOW (20 M/H)	FLOW (30 M/H)	BACKWASH FLOW (30 M/H)	TANK AREA (M2)	CONNECTION (INCH)	AQUAMANDIX (LT)	GRAVEL (KGS)
A1070CY	EASP 1250 2 1/2"	24,6	36,9	36,9	1,23	2 1/2	1250	600
A1075CY	EASP 1600-3"	40	60	60	2	3	1750	900
A1080CY	EASP 2000-4"	62,8	94,2	94,2	3,14	4	2500	1200
A1085CY	EASP 2400-5"	90,4	135,6	135,6	4,52	5	3150	1500
A1090CY	EASP 2800-6"	123	185,4	185,4	6,15	6	4500	1600

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

* If backwashing is requested according to the differential pressure, there will be a price difference as the automation system will be changed and differential pressure sensors will be added.



PRECISE FILTRATION SYSTEMS


SYSTEM GENERAL SPECIFICATIONS

- * SS 304 Body material
- * 2-10 bar operating pressure
- * Appropriate design for standard cartridges
- * Easy to change cartridges

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 316 body material
- * Otomatik cleaning unit (for more than 50 micron cartridges)
- * Pressure resistant design for more than 10 bar

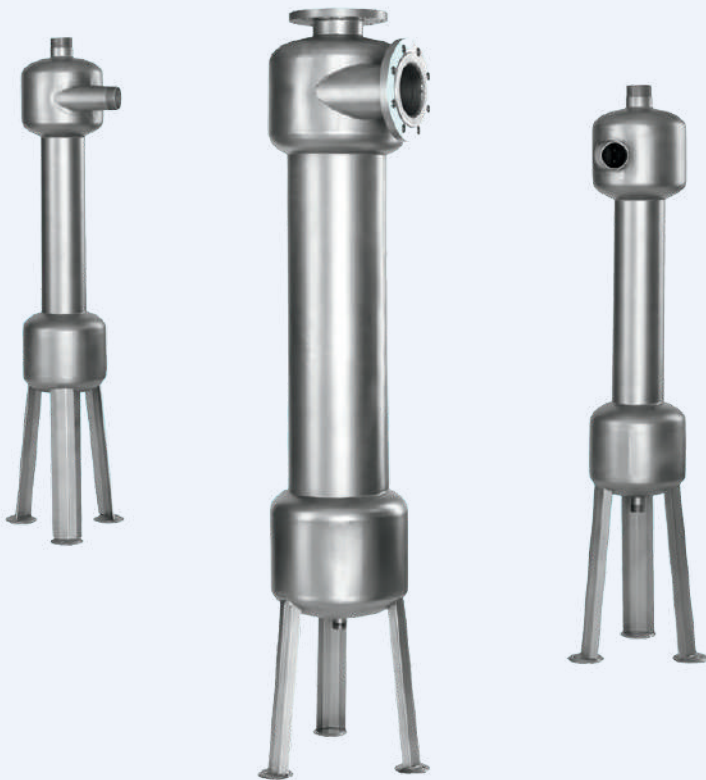
STOCK CODE (SS304)	STOCK CODE (SS316)	MODEL	CARTRIDGE LENGTH (INCH)	CARTRIDGE QUANTITY (UNIT)	CONNECTION (INCH)	FLOW 5 MICRON (M3/H)	FLOW 20 MICRON (M3/H)	FLOW 50 MICRON (M3/H)
CFI010SM	CFI010XM	FSD 320	20	3	2	8,1	16,2	18
CFI015SM	CFI015XM	FSD 330	30	3	2	11,7	23,4	27
CFI020SM	CFI020XM	FSD 340	40	3	2	15,6	31,2	36
CFI025SM	CFI025XM	FSD 530	30	5	2	19,5	39	45
CFI030SM	CFI030XM	FSD 540	40	5	2	26	52	60
CFI035SM	CFI035XM	FSD 830	30	8	3	31,2	62,4	72
CFI040SM	CFI040XM	FSD 840	40	8	3	41,6	83,2	96
CFI045SM	CFI045XM	FSD 1230	30	12	3	46,8	93,6	108
CFI050SM	CFI050XM	FSD 1240	40	12	3	62,4	124,8	144
CFI055SM	CFI055XM	FSD 1640	40	16	4	83,4	166,4	192
CFI060SM	CFI060XM	FSD 1940	40	19	4	98,8	197,6	228

SYSTEM GENERAL SPECIFICATIONS

- * PVC Body material
- * 2-7 bar operating pressure
- * Appropriate design for standard cartridges
- * Easy to change cartridges
- * Suitability for use in sea water and high salinity waters with its anticorrosive inner surface



STOCK CODE	MODEL	CARTRIDGE LENGTH (INCH)	CARTRIDGE QUANTITY (UNIT)	CONNECTION (INCH)	FLOW 5 MICRON (M3/H)	FLOW 20 MICRON (M3/H)	FLOW 50 MICRON (M3/H)
CFI065PM	FPD 520	20	5	50	13,5	27	30
CFI070PM	FPD 530	30	5	50	19,5	39	45
CFI075PM	FPD 540	40	5	50	26	52	60
CFI080PM	FPD 930	30	9	80	35,1	70	81
CFI085PM	FPD 940	40	9	80	46,9	94	108


SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Steel body
- * 2-10 bar operating pressure
- * 70-110 micron filtration sensivity
- * 1" drainage line

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 304 Body material
- * SS 316 Body material
- * Automatic drainage valve

STOCK CODE (ST37)	STOCK CODE (SS304)	STOCK CODE (SS316)	MODEL	FLOW (M3/H)	CONNECTION (INCH)	WIDTH (MM)	LENGTH (MM)	HEIGHT (MM)
SF1010CM	SF1010SM	SF1010XM	FZD 100	1-1,5	1/2	780	176	140
SF1015CM	SF1015SM	SF1015XM	FZD 150	2-7,5	3/4	780	176	140
SF1020CM	SF1020SM	SF1020XM	FZD 175	6,5-11	1	775	208	168
SF1025CM	SF1025SM	SF1025XM	FZD 200	10-16	1 1/4	775	223	168
SF1030CM	SF1030SM	SF1030XM	FZD 250	14,5-18	1 1/2	775	223	168
SF1035CM	SF1035SM	SF1035XM	FZD 350	17-24,5	2	1185	450	410
SF1040CM	SF1040SM	SF1040XM	FZD 450	22-35	2 1/2	1185	450	410
SF1045CM	SF1045SM	SF1045XM	FZD 600	33,5-66	3	1430	520	470
SF1050CM	SF1050SM	SF1050XM	FZD 800	64-110	12	1720	540	485
AUTOMATIC DRAINAGE VALVE								

SYSTEM GENERAL SPECIFICATIONS

- * SS 304 Body material
- * 2-10 bar operating pressure
- * Appropriate design for standard filter bags
- * Easy to change filter bags

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 316 body material
- * Otomatik cleaning unit (for more than 50 micron)
- * Pressure resistant design for more than 10 bar



STOCK CODE (SS 304)	STOCK CODE (SS 316)	MODEL	BAG LENGTH (INCH)	BAG QUANTITY (UNIT)	CONNECTION (DN)	FLOW 5 MICRON (M3/H)	FLOW 20 MICRON (M3/H)
BF1010SM	BF1010XM	FBD 132	32"	1	2"	20	40
BF1015SM	BF1015XM	FBD332	32"	3	3"	60	180

SYSTEM GENERAL SPECIFICATIONS

- * PE Body material
- * 2-7 bar operating pressure
- * Appropriate design for standard cartridges
- * Easy to change cartridges
- * Suitability for use in sea water and high salinity waters with its anticorrosive inner surface



STOCK CODE	MODEL	CARTRIDGE LENGTH (INCH)	CARTRIDGE QUANTITY (UNIT)	CONNECTION (INCH)	FLOW 5 MICRON (M3/H)	FLOW 20 MICRON (M3/H)	FLOW 50 MICRON (M3/H)
CFI010PM	FD1-10"	10"	1	1	1,3	2,6	3
CFI015PM	FD1-20"	20"	1	1	2,7	5,4	6
CFI020PM	FD2-20"	20"	2	1	2,7	5,4	6
CFI025PM	FD3-20"	20"	3	1	2,7	5,4	6
CFI030PM	FB1-10"	10" BB	1	1	5	10	-
CFI035PM	FB1-20"	20" BB	1	1 1/2	10	20	-



AUTOMATIC SOFTENING SYSTEMS

SYSTEM GENERAL SPECIFICATIONS

- * High quality FRP Tank
- * Automatic valve for softening and regeneration automation
- * 2-7 bar operating pressure range
- * Regeneration via timer control
- * Cationic resin and different size of quartz minerals
- * High quality polyethylene salt tank

SYSTEM OPTIONAL SPECIFICATIONS

- * Digital Valve
- * Mechanical Valve



STOCK CODE	MODEL	FLOW MAX (M3/H)	CONNECTION (INCH)	TANK AREA (M2)	RESIN (LT)	GRAVEL (KG)	SALT TANK (LT)
R1010FT	DSTF 835-3/4"	1,2	3/4	0,03	20	3	100
R1015FT	DSTF 1035-3/4"	2	3/4	0,05	30	5	100
R1020FT	DSTF 1054-1"	2	1	0,05	50	5	100
R1025FT	DSTF 1354-1"	3,6	1	0,09	70	15	200
R1030FT	DSTF 1465-1"	4	1	0,10	100	20	200
R1035FT	DSTF 1665-2"	5,2	2	0,13	125	20	300
R1040FT	DSTF 1865-2"	6,4	2	0,16	150	25	300
R1045FT	DSTF 2162-2"	8,8	2	0,22	200	25	500
R1050FT	DSTF 2472-2"	11,6	2	0,29	250	50	500
R1055FT	DSTF 3072-2"	18	2	0,45	400	75	750
R1060FT	DSTF 3672-2"	26,4	2	0,66	600	100	1000

* Systems above, are comprised with Runxin valve. Technical specifications will be updated in valve brand changes.



SYSTEM GENERAL SPECIFICATIONS

- * High quality FRP Tank
- * Automatic valve for softening and regeneration automation
- * 2-7 bar operating pressure range
- * Regeneration via volume control
- * Cationic resin and different size of quartz minerals
- * High quality polyethylene salt tank

SYSTEM OPTIONAL SPECIFICATIONS

- * Digital Valve
- * Mechanical Valve

STOCK CODE	MODEL	FLOW MAX (M3/H)	CONNECTION (INCH)	TANK AREA (M2)	RESIN (LT)	GRAVEL (KG)	SALT TANK (LT)
R1010FV	DSVF 835-3/4"	1,2	3/4	0,03	20	3	100
R1015FV	DSVF 1035-3/4"	2	3/4	0,05	30	5	100
R1020FV	DSVF 1054-1"	2	1	0,05	50	5	100
R1025FV	DSVF 1354-1"	3,6	1	0,09	70	15	200
R1030FV	DSVF 1465-1"	4	1	0,10	100	20	200
R1035FV	DSVF 1665-2"	5,2	2	0,13	125	20	300
R1040FV	DSVF 1865-2"	6,4	2	0,16	150	25	300
R1045FV	DSVF 2162-2"	8,8	2	0,22	200	25	500
R1050FV	DSVF 2472-2"	11,6	2	0,29	250	50	500
R1055FV	DSVF 3072-2"	18	2	0,45	400	75	750
R1060FV	DSVF 3672-2"	26,4	2	0,66	600	100	1000

* Systems above, are comprised with Runxin valve. Technical specifications will be updated in valve brand changes.

SYSTEM GENERAL SPECIFICATIONS

- * High quality FRP Tank
- * Automatic valve for softening and regeneration automation
- * Softened water production during 24 hours
- * 2-7 bar operating pressure range
- * Regeneration via volume control
- * Cationic resin and different size of quartz minerals
- * High quality polyethylene salt tank

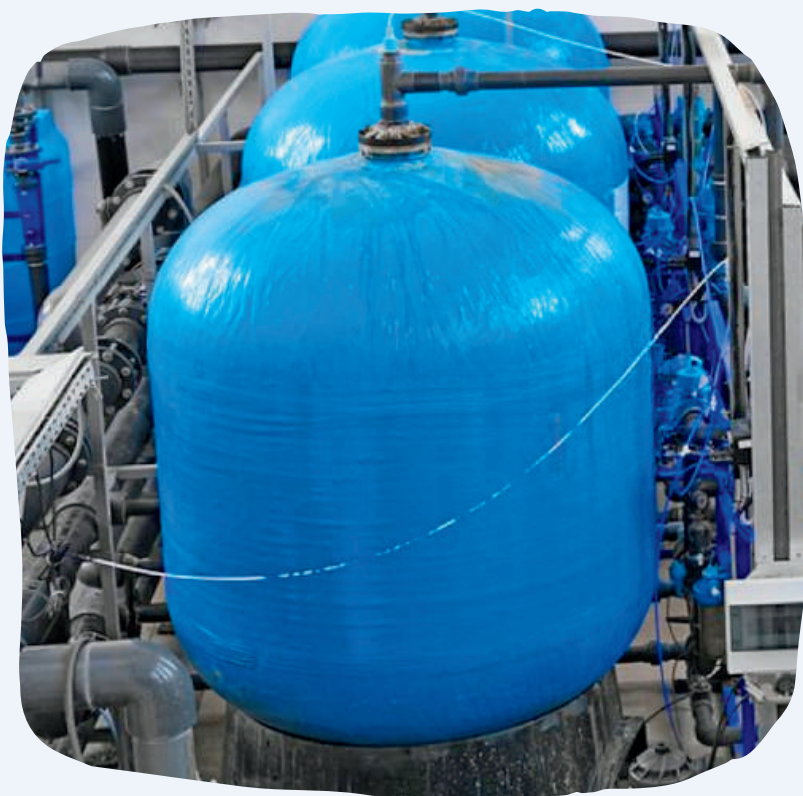
SYSTEM OPTIONAL SPECIFICATIONS

- * Digital Valve
- * Mechanical Valve



STOCK CODE	MODEL	FLOW MAX (M3/H)	CONNECTION (INCH)	TANK AREA (M2)	RESIN (LT)	GRAVEL (KG)	SALT TANK (LT)
R2010FV	DSDF 835-3/4"	1,2	3/4	0,03	20x2	3x2	100x2
R2015FV	DSDF 1035-3/4"	2	3/4	0,05	30x2	5x2	100x2
R2020FV	DSDF 1054-1"	2	1	0,05	50x2	5x2	100x2
R2025FV	DSDF 1354-1"	3,6	1	0,09	70x2	15x2	200x2
R2030FV	DSDF 1465-1"	4	1	0,10	100x2	20x2	200x2
R2035FV	DSDF 1665-2"	5,2	2	0,13	125x2	20x2	300x2
R2040FV	DSDF 1865-2"	6,4	2	0,16	150x2	25x2	300x2
R2045FV	DSDF 2162-2"	8,8	2	0,22	200x2	25x2	500x2
R2050FV	DSDF 2472-2"	11,6	2	0,29	250x2	50x2	500x2
R2055FV	DSDF 3072-2"	18	2	0,45	400x2	75x2	750x2
R2060FV	DSDF 3672-2"	26,4	2	0,66	600x2	100x2	1000x2

* Systems above, are comprised with Runxin valve. Technical specifications will be updated in valve brand changes.



SYSTEM GENERAL SPECIFICATIONS

- * High Quality FRP Tank
- * Electronic card for softening and regeneration automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Regeneration via volume or time control
- * Cationic resin and different size of quartz minerals
- * High quality polyethylene salt tank

SYSTEM OPTIONAL SPECIFICATIONS

- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel Tank

STOCK CODE	MODEL	FLOW MAX (M3/H)	CONNECTION (INCH)	TANK AREA (M2)	RESIN (LT)	GRAVEL (KG)	SALT TANK (LT)
R1055FY	DSTP 3072-1 1/2"	18	1 1/2"	0,45	400	75	500
R1060FY	DSTP 3672-2"	26,4	2"	0,66	600	100	750
R1065FY	DSTP 4272-2"	35,6	2"	0,89	750	150	750
R1070FY	DSTP 4872-3"	46,8	3"	1,17	850	200	1000
R1075FY	DSTP 6386-4"	80	4"	2	1000	400	1500

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

SYSTEM GENERAL SPECIFICATIONS

- * High Quality FRP Tank
- * Electronic card for softening and regeneration automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Regeneration via volume control
- * Softened water production during 24 hours
- * Cationic resin and different size of quartz minerals
- * High quality polyethylene salt tank


SYSTEM OPTIONAL SPECIFICATIONS

- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel Tank

STOCK CODE	MODEL	FLOW MAX (M3/H)	CONNECTION (INCH)	TANK AREA (M2)	RESIN (LT)	GRAVEL (KG)	SALT TANK (LT)
R2055FY	DSDP 3072-1 1/2"	18	1 1/2"	0,45	400x2	75x2	500x2
R2060FY	DSDP 3672-2"	26,4	2"	0,66	600x2	100x2	750x2
R2065FY	DSDP 4272-2"	35,6	2"	0,89	750x2	150x2	750x2
R2070FY	DSDP 4872-3"	46,8	3"	1,17	850x2	200x2	1000x2
R2075FY	DSDP 6386-4"	80	4"	2	1000x2	400x2	1500x2

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.



SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Tank
- * Electronic card for softening and regeneration automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Regeneration via volume or time control
- * Cationic resin and different size of quartz minerals
- * High quality polyethylene salt tank

SYSTEM OPTIONAL SPECIFICATIONS

- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel Tank or Piping
- * Colour alternatives for tank

STOCK CODE	MODEL	FLOW MAX (M3/H)	CONNECTION (INCH)	TANK AREA (M2)	RESIN (LT)	GRAVEL (KG)	SALT TANK (LT)
R1070CY	ESTP 1250-3"	49,2	3	1,23	1250	500	1500
R1075CY	ESTP 1600-4"	80	4	2	1750	600	2500
R1080CY	ESTP 2000-5"	125,6	5	3,14	3150	700	4000
R1085CY	ESTP 2400-6"	180,8	6	4,52	4500	900	BRINE TANK

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.

SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Tank
- * Electronic card for softening and regeneration automation
- * PVC Piping
- * Valves with electric actuator
- * 2-7 bar operating pressure range
- * Regeneration via volume control
- * Softened water production during 24 hours
- * Cationic resin and different size of quartz minerals
- * High quality polyethylene salt tank

SYSTEM OPTIONAL SPECIFICATIONS

- * Siemens Logo automation
- * Siemens S7 200 automation
- * Valves with pneumatic actuator
- * Stainless Steel Tank or Piping
- * Colour alternatives for tank



STOCK CODE	MODEL	FLOW MAX (M3/H)	CONNECTION (INCH)	TANK AREA (M2)	RESIN (LT)	GRAVEL (KG)	SALT TANK (LT)
R2070CY	ESDP 1250-3"	49,2	3	1,23	1250x2	500x2	1500x2
R2075CY	ESDP 1600-4"	80	4	2	1750x2	600x2	2500x2
R2080CY	ESDP 2000-5"	125,6	5	3,14	3150x2	700x2	4000x2
R2085CY	ESDP 2400-6"	180,8	6	4,52	4500x2	900x2	BRINE TANK

* Technical specifications above are comprised by using PVC surface piping, electronic card automation, electrically actuated valves. If optional features are preferred, there will be a price difference.



REVERSE OSMOSIS SYSTEMS


SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Skid
- * PVC low pressure and high pressure piping
- * Automation with electronic card
- * Float type flowmeter
- * High quality membrane and membrane pressure vessel
- * Rotary pump

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 304 Skid
- * SS 304 or SS 316 piping
- * PLC

STOCK CODE	MODEL	FEED FLOW (M3/D)	PERMEATE FLOW (M3/H)	PERMEATE FLOW (M3/D)	EFF. (%)	MEMBRANE TYPE	MEMBRANE QUANTITY	PUMP POWER (KW)	PRESSURE (BAR)
MS10075S	DRO 75 S	3,6	0,075	1,8	50	2540	1	0,55	12
MS10250S	DRO 250 S	12	0,25	6	50	4040	2	0,75	12
MS10500S	DRO 500 S	24	0,50	12	50	4040	2	0,75	12

* Standard system designs are made considering TDS: 2000 ppm. It is recommended to provide raw water analysis prior to ordering the system, as changes in raw water criterias may alter the system design.

* Since the standard system design is made according to rotary pump, ST 37 epoxy painted skid, electronic card automation and PVC piping, different equipment choices may create price differences.

SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Skid
- * PVC low pressure and high pressure piping
- * Automation with electronic card
- * Float type flowmeter
- * High quality membrane and membrane pressure vessel
- * Vansan vertical high pressure pump

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 304 Skid
- * SS 304 or SS 316 piping
- * Grundfos, Lowara or Ebara high pressure pump
- * PLC



STOCK CODE	MODEL	FEED FLOW (M3/D)	PERMEATE FLOW (M3/H)	PERMEATE FLOW (M3/D)	EFF. (%)	MEMBRANE TYPE	MEMBRANE QUANTITY	PUMP POWER (KW)	PRESSURE (BAR)
MS10500M	DRO 500 M	24	0,50	12	50	4040	2	1,1	10
MS10750M	DRO 750 M	36	0,75	18	50	4040	3	1,1	10
MS10950M	DRO 950 M	46	0,95	23	50	4040	4	1,5	10
MS11400M	DRO 1400 M	56	1,4	34	60	4040	6	1,5	10
MS12000M	DRO 2000 M	80	2	48	60	4040	9	2,2	10
MS12500M	DRO 2500 M	100	2,5	60	60	4040	12	3	10
MS13000M	DRO 3000 M	120	3	72	60	4040	15	3	10

* Standard system designs are made considering TDS: 2000 ppm. It is recommended to provide raw water analysis prior to ordering the system, as changes in raw water criterias may alter the system design.

* Since the standard system design is made according to rotary pump, ST 37 epoxy painted skid, electronic card automation and PVC piping, different equipment choices may create price differences.



SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Skid
- * PVC low pressure and high pressure piping (Up to DRO 30 XL)
- * Automation with electronic card
- * Float type flowmeter
- * High quality membrane and membrane pressure vessel
- * Vansan vertical high pressure pump (Up to DRO 30 XL)

STOCK CODE	MODEL	FEED FLOW (M3/D)	PERMEATE FLOW (M3/H)	PERMEATE FLOW (M3/D)	EFF. (%)	MEMBRANE TYPE	MEMBRANE QUANTITY	PUMP POWER (KW)	PRESSURE (BAR)
MS10003XL	DRO 3 XL	103	3	72	70	8040	3	3	10,4
MS10004XL	DRO 4 XL	137	4	96	70	8040	4	4	11,2
MS10006XL	DRO 6 XL	206	6	144	70	8040	6	4	11
MS10008XL	DRO 8 XL	274	8	192	70	8040	8	4	8,8
MS10010XL	DRO 10 XL	343	10	240	70	8040	10	7,5	9,8
MS10012XL	DRO 12 XL	411	12	288	70	8040	12	7,5	9,1
MS10015XL	DRO 15 XL	480	15	360	75	8040	15	11	10
MS10018XL	DRO 18 XL	576	18	432	75	8040	18	11	10,7
MS10020XL	DRO 20 XL	640	20	480	75	8040	20	15	11,5
MS10024XL	DRO 24 XL	768	24	576	75	8040	24	15	11,7
MS10030XL	DRO 30 XL	960	30	720	75	8040	30	18,5	10,8
MS10036XL	DRO 36 XL	1152	36	864	75	8040	36	18,5	9,6
MS10042XL	DRO 42 XL	1344	42	1008	75	8040	42	22	9,8
MS10048XL	DRO 48 XL	1536	48	1152	75	8040	48	22	9,2
MS10054XL	DRO 54 XL	1728	54	1296	75	8040	54	30	10,9
MS10060XL	DRO 60 XL	1920	60	1440	75	8040	60	30	10,5
MS10066XL	DRO 66 XL	2112	66	1584	75	8040	66	30	10
MS10072XL	DRO 72 XL	2304	72	1728	75	8040	72	30	9,2

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 304 Skid
- * SS 304 or SS 316 piping
- * Grundfos, Lowara or Ebara high pressure pump
- * Digital Flowmeter
- * PLC
- * Ability for remote control
- * CIP/ Rinsing Unit

SYSTEM DESIGN INFORMATION

TDS: 2000 ppm
pH: 6,5-8
BOD / KOD: None
Oil-Grease: None
Hydrocarbon: None
Iron/Residual Chlorine: <0,01 ppm
Manganese/Alluminium:<0,025 ppm
Silica: < 20 ppm



SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Skid
- * PPRC low pressure piping
- * Flexible and SS 316 high pressure piping
- * Automation with electronic card
- * Float type flowmeter
- * High quality membrane and membrane pressure vessel
- * Sutem high pressure pump

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 304 Skid
- * Duplex piping
- * Danfoss high pressure pump
- * PLC



STOCK CODE	MODEL	FEED FLOW (M3/D)	PERMEATE FLOW (M3/H)	PERMEATE FLOW (M3/D)	EFF. (%)	MEMBRANE TYPE	MEMBRANE QUANTITY	PUMP POWER (KW)	PRESSURE (BAR)
DS10042M	DSRO 42 M	30	0,25	6	20	4040	2	3	60
DS10044M	DSRO 44 M	60	0,50	12	20	4040	4	4	60
DS10046M	DSRO 46 M	72	0,75	18	25	4040	6	5,5	60
DS10048M	DSRO 48 M	96	1	24	25	4040	8	7,5	60

* Standard system designs are made considering TDS: 38000 ppm. It is recommended to provide raw water analysis prior to ordering the system, as changes in raw water criterias may alter the system design.

* Since the standard system design is made according to Sutem pump, ST 37 epoxy painted skid, electronic card automation and PPRC, flexible and SS 316 piping, different equipment choices may create price differences.



SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Skid
- * PPRC low pressure piping
- * Flexible and SS 316 high pressure piping
- * Automation with PLC
- * Float type flowmeter
- * High quality membrane and membrane pressure vessel
- * Danfoss high pressure pump

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 304 Skid
- * Digital Flowmeter
- * Automatic CIP / Rinsing Unit

STOK KODU	MODEL	BESLEME DEBİ (M3/D)	ÜRÜN DEBİ (M3/H)	ÜRÜN DEBİ (M3/D)	VERİM (%)	MEMBRAN TİPİ	MEMBRAN SAYISI	POMPA GÜCÜ (KW)	BASINÇ (BAR)
DS10002XL	DSRO 2 XL	120	5	30	30	8040	2	-	60
DS10003XL	DSRO 3 XL	150	6,25	45	30	8040	3	-	60
DS10004XL	DSRO 4 XL	170	7,08	60	35	8040	4	-	60
DS10006XL	DSRO 6 XL	265	11,04	90	35	8040	6	-	60
DS10008XL	DSRO 8 XL	300	12,50	120	40	8040	8	-	60
DS10012XL	DSRO 12 XL	435	18,25	175	40	8040	12	-	60
DS10015XL	DSRO 15 XL	500	24	200	40	8040	15	-	60
DS10018XL	DSRO 18 XL	687,5	28,65	270	45	8040	18	-	60
DS10024XL	DSRO 24 XL	800	33,33	360	45	8040	24	-	60
DS10030XL	DSRO 30 XL	1000	41,67	450	45	8040	30	-	60
DS10036XL	DSRO 36 XL	1200	50	540	45	8040	36	-	60
DS10042XL	DSRO 42 XL	1400	58,33	630	45	8040	42	-	60
DS10048XL	DSRO 48 XL	1611	67,13	725	45	8040	48	-	60
DS10054XL	DSRO 54 XL	1778	74,08	800	45	8040	54	-	60
DS10060XL	DSRO 60 XL	2000	83,33	900	45	8040	60	-	60
DS10072XL	DSRO 72 XL	2222	92,58	1000	45	8040	72	-	60

* Standard system designs are made considering TDS: 38000 ppm. It is recommended to provide raw water analysis prior to ordering the system, as changes in raw water criterias may alter the system design.



ULTRA FILTRATION SYSTEMS

SYSTEM GENERAL SPECIFICATIONS

- * Epoxy painted ST37 Skid
- * PVC piping
- * Automation with PLC
- * Valves with electric actuator
- * Float type flowmeter
- * High quality Ultrafiltration modules
- * Lowara backwash and chemical washing pump

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 304 Skid
- * SS 304 or SS 316 Piping
- * Valves with pneumatic actuator
- * Feed Pump
- * Digital flowmeter
- * Ability to remote control



STOCK CODE	MODEL	FEED FLOW (M3/D)	PERMEATE FLOW (M3/H)	PERMEATE FLOW (M3/H)	EFF. (%)	MEMBRANE TYPE (M2)	MEMBRANE QUANTITY
MS20045XL	DUF 4,5 XL	120	5	4,5	90	60	1
MS20008XL	DUF 8 XL	213.33	8.88	8	90	60	2
MS20013XL	DUF 13 XL	346.67	14.44	13	90	60	3
MS20016XL	DUF 16 XL	426.67	17.77	16	90	60	4
MS20024XL	DUF 24 XL	606.32	25.26	24	95	80	4
MS20032XL	DUF 32 XL	808.42	33.68	32	95	80	5
MS20040XL	DUF 40 XL	1010.64	42.11	40	95	80	6
MS20046XL	DUF 48 XL	1212.63	50.52	48	95	80	7
MS20052XL	DUF 52 XL	1313.76	54.74	52	95	80	8
MS20064XL	DUF 64 XL	1616.84	67.36	64	95	80	10

* Standard system designs are made considering Turbidity: 10 NTU, It is recommended to provide raw water analysis prior to ordering the system, as changes in raw water criterias may alter the system design.

* Since the standard system design is made according to Lowara pump, ST 37 epoxy painted skid, Siemens/Schneider automation and PVC piping, different equipment choices may create price differences.



ULTRAVIOLET SYSTEMS

SYSTEM GENERAL SPECIFICATIONS

- * SS 304 Collector
- * High quality UV lamp
- * High quality UV quartz glass
- * Polyester control panel cover
- * Electronic ballast for each lamp

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 316 Collector
- * Stainless steel control panel cover



STOCK CODE (SS 304)	STOCK CODE (SS 316)	MODEL	FLOW 30000 MJ/CM2 (M3/H)	FLOW 40000 MJ/CM2 (M3/H)	LAMP POWER (WATT)	LAMP QUANTITY	CONNECTION (INCH)
US10012SB	US10012XB	GTB 12	0,4	0,3	14	1	1/2
US10021SB	US10021XB	GTB 21	1,5	1,2	21	1	3/4
US10041SB	US10041XB	GTB 41	3	2,4	41	1	1
US10065SB	US10065XB	GTB 65	5	4	65	1	1 1/4



SYSTEM GENERAL SPECIFICATIONS

- * SS 304 Collector
- * High quality UV lamp
- * High quality UV quartz glass
- * Polyester control panel cover
- * Electronic ballast for each lamp
- * Digital UV density meter

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 316 Collector
- * Stainless steel control panel cover

STOCK CODE (SS 304)	STOCK CODE (SS 316)	MODEL	FLOW 30000 MJ/CM2 (M3/H)	FLOW 40000 MJ/CM2 (M3/H)	LAMP POWER (WATT)	LAMP QUANTITY	CONNECTION (INCH)
US10021SD	US10021XD	GTD 21	1,5	1,2	21	1	3/4
US10041SD	US10041XD	GTD 41	3	2,4	41	1	1
US10065SD	US10065XD	GTD 65	5	4	65	1	1 1/4

SYSTEM GENERAL SPECIFICATIONS

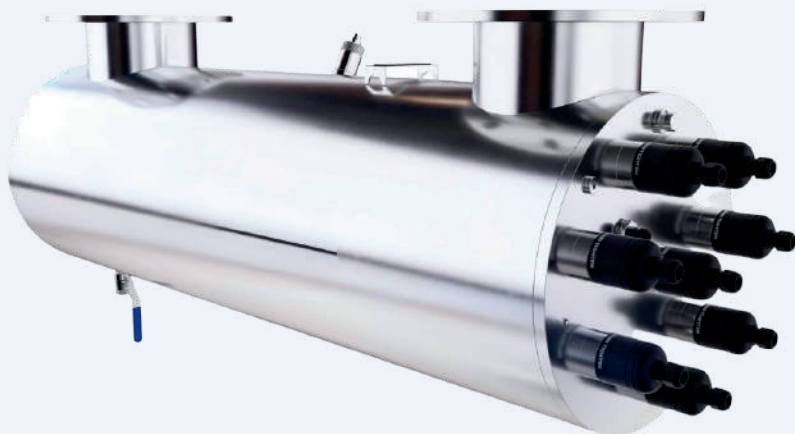
- * SS 304 Collector
- * High quality UV lamp
- * High quality UV quartz glass
- * Polyester control panel cover
- * Electronic ballast for each lamp

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 316 Collector
- * Stainless steel control panel cover



STOCK CODE (SS 304)	STOCK CODE (SS 316)	MODEL	FLOW 30000 MJ/CM2 (M3/H)	FLOW 40000 MJ/CM2 (M3/H)	LAMP POWER (WATT)	LAMP QUANTITY	CONNECTION (INCH)
US10130SB	US10130XB	GCB 130	10	8	65	2	1 1/2
US10195SB	US10195XB	GCB 195	15	12	65	3	1 1/2
US10260SB	US10260XB	GCB 260	20	16	65	4	2
US10325SB	US10325XB	GCB 325	25	20	65	5	2 1/2
US10390SB	US10390XB	GCB 390	30	24	65	6	2 1/2
US10520SB	US10520XB	GCB 520	40	32	65	8	3
US10650SB	US10650XB	GCB 650	50	40	65	10	3
US10780SB	US10780XB	GCB 780	60	48	65	12	DN 100
US11040SB	US11040XB	GCB 1040	80	64	65	16	DN 100
US11300SB	US11300XB	GCB 1300	100	80	65	20	DN 100

**SYSTEM GENERAL SPECIFICATIONS**

- * SS 304 Collector
- * High quality UV lamp
- * High quality UV quartz glass
- * Polyester control panel cover
- * Electronic ballast for each lamp
- * Digital UV density meter

SYSTEM OPTIONAL SPECIFICATIONS

- * SS 316 Collector
- * Stainless steel control panel cover

STOCK CODE (SS 304)	STOCK CODE (SS 316)	MODEL	FLOW 30000 MJ/CM2 (M3/H)	FLOW 40000 MJ/CM2 (M3/H)	LAMP POWER (WATT)	LAMP QUANTITY	CONNECTION (INCH)
US10130SD	US10130XD	GCD 130	10	8	65	2	1 1/2
US10195SD	US10195XD	GCD 195	15	12	65	3	1 1/2
US10260SD	US10260XD	GCD 260	20	16	65	4	2
US10325SD	US10325XD	GCD 325	25	20	65	5	2 1/2
US10390SD	US10390XD	GCD 390	30	24	65	6	2 1/2
US10520SD	US10520XD	GCD 520	40	32	65	8	3
US10650SD	US10650XD	GCD 650	50	40	65	10	3
US10780S	US10780XD	GCD 780	60	48	65	12	DN 100
US11040SD	US11040XD	GCD 1040	80	64	65	16	DN 100
US11300SD	US11300XD	GCD 1300	100	80	65	20	DN 100



OUR TURNKEY SYSTEMS



Mobile treatment systems are systems where systems can be shipped as assembled in a single container in places where there is a shortage of space or where it is not possible to construct a building for the treatment system. Since mobile treatment systems are assembled between systems, it is sufficient to bring the raw water to the entrance of the treatment system, to have the purified water distribution line, and to connect the electricity and waste lines for its use.

Since treatment systems are designed according to raw water analysis, we can apply mobile treatment systems in different capacities for well water, sea water, surface water or different sources according to the water source.



Contaminated water originating from domestic and industrial use is called wastewater. As wastewater content in domestic use is in a harmonious balance of carbon, nitrogen and phosphorus, we can make treated wastewater usable for garden and recreational field irrigation by applying physical, biological wastewater treatment systems and then filtration and disinfection system.

On the other hand, Industrial wastewater varies according to the type of production in terms of content. For example, wastewater of a steel factory and wastewater of a textile factory cannot be the same characteristically. For this reason, we can apply physical, chemical and biological treatment systems in industrial wastewater according to content arising from production, and then we can make water reusable in the process by using advanced treatment technologies.



In domestic wastewater, water collected by separating wastewater originating from the sink, bathtub and shower from sewer system is called gray water.

If gray water line can be separated from sewer line while building is being built, this water can be recovered with treatment systems that can be applied, and it can be reused in garden irrigation or reservoirs.





In our World where clean water resources are decreasing, we can filter rain water collected from roofs of domestic and industrial facilities and make it suitable for use in recreational areas, gardens or agricultural irrigation or reservoirs. If preferred, we can treat rainwater using different advanced treatment technologies to turn it into drinking and utility water.



SPARE PARTS

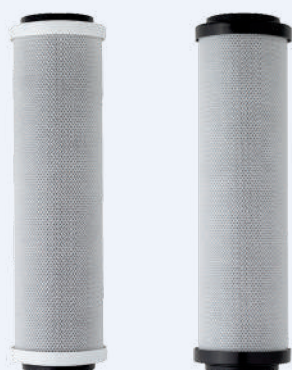
SPUN CARTRIDGES

STOCK CODE	MODEL	FLOW (M3/H)
SC10101SP	10" 1 MICRON	0,6
SC10105SP	10" 5 MICRON	1,3
SC10110SP	10" 10 MICRON	2,2
SC10120SP	10" 20 MICRON	2,7
SC10201SP	20" 1 MICRON	1,2
SC10205SP	20" 5 MICRON	2,6
SC10210SP	20" 10 MICRON	4,4
SC10220SP	20" 20 MICRON	5,2
SC10301SP	30" 1 MICRON	1,8
SC10305SP	30" 5 MICRON	3,9
SC10310SP	30" 10 MICRON	6,6
SC10320SP	30" 20 MICRON	7,8
SC10401SP	40" 1 MICRON	2,4
SC10405SP	40" 5 MICRON	5,2
SC10410SP	40" 10 MICRON	8,8
SC10420SP	40" 20 MICRON	10,4


BIG BLUE CARTRIDGES

STOCK CODE	MODEL	FLOW (M3/H)
SC10105BB	10" 5 MICRON BB	5
SC10120BB	10" 20 MICRON BB	10
SC10150BB	10" 50 MICRON BB	20
SC10205BB	20" 5 MICRON BB	10
SC10220BB	20" 20 MICRON BB	20
SC10250BB	20" 50 MICRON BB	30
SC10105BC	10" BB CARBON	5
SC10205BC	20" BB CARBON	5





CARBON CARTRIDGES		
STOCK CODE	MODEL	FLOW (M3/H)
SC20105BC	10" BLOK	1
SC20205BC	20" BLOK	2
SC20105GC	10" GAC	1
SC20205GC	20" GAC	2



NYLON WASHABLE CARTRIDGES		
STOCK CODE	MODEL	FLOW (M3/H)
SC30105YN	10" 50 MICRON YN	3
SC30205YN	20" 50 MICRON YN	6
SC30305YN	30" 50 MICRON YN	9
SC30405YN	40" 50 MICRON YN	12



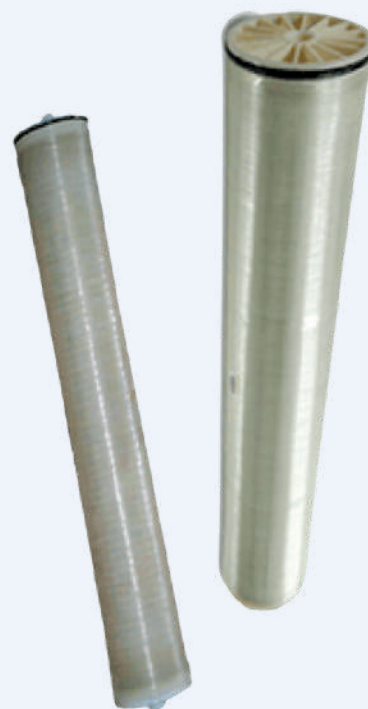
STAINLESS STEEL WASHABLE CARTRIDGES		
STOCK CODE	MODEL	FLOW (M3/H)
SC30105YC	10" 50 MICRON YC	3
SC30205YC	20" 50 MICRON YC	6
SC30305YC	30" 50 MICRON YC	9
SC30405YC	40" 50 MICRON YC	12



FILTER BAGS	
STOCK CODE	MODEL
SC40325YB	FILTER BAGS (1-5-10-20-50 MICRON)

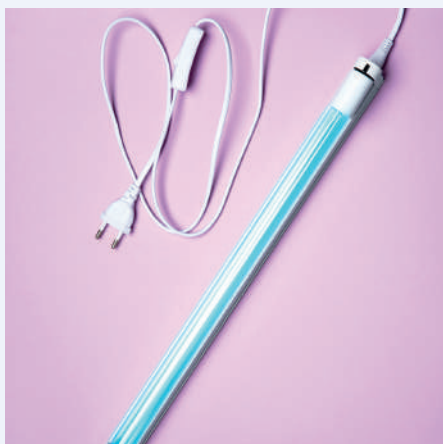
OLTREMARE MEMBRANES

STOCK CODE	MODEL
SM10125LW	LOW 1 2540
SM10140LW	LOW1 4040
SM10180LW	LOW1 8040
SM10225LW	LOW2 2540
SM10240LW	LOW2 4040
SM10280LW	LOW2 8040
SM10225BR	BR2 2540
SM10240BR	BR2 4040
SM10280BR	BR3 8040
SM10380BW	BR3G 8040
SM10480BW	BR34 8040
SM10525SW	SEA5 2540
SM10540SW	SEA5 4040
SM10580SW	SEA5 8040
SM10680SW	SEA5G 8040


DEEMTECH MEMBRANES

STOCK CODE	MODEL
SM20025LP	DLP 2540
SM20040LP	DLP 4040
SM20080LP	DLP 8040
SM20025BW	DBW 2540
SM20040BW	DBW 4040
SM20080BW	DBW 8040
SM20025SW	DSW 2540
SM20040SW	DSW 4040
SM20080SW	DSW 8040

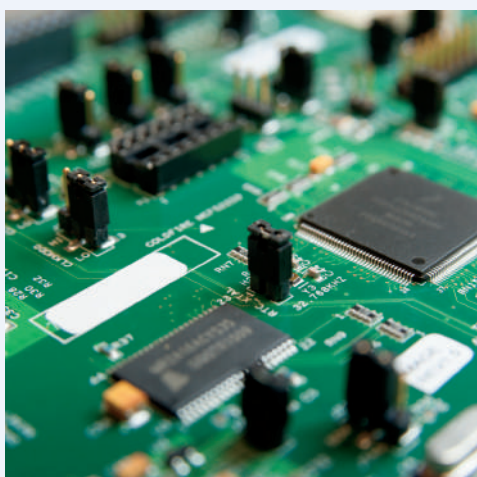




ULTRAVIOLET LAMP SPARES	
STOCK CODE	MODEL
SU10021SL	12 Watt
SU10030SL	30 Watt
SU10040SL	40 Watt
SU10065SL	65 Watt
SU10190SL	190 Watt
SU10320SL	320 Watt

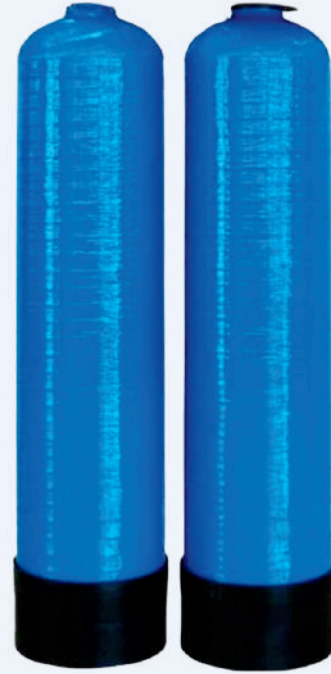


ULTRAVIOLET QUARTZ GLASS SPARES	
STOCK CODE	MODEL
SU10021SQ	12 Watt
SU10030SQ	30 Watt
SU10040SQ	40 Watt
SU10065SQ	65 Watt
SU10190SQ	190 Watt
SU10320SQ	320 Watt



ULTRAVIOLET BALLAST SPARES	
STOCK CODE	MODEL
SU10021SC	12 Watt
SU10030SC	30 Watt
SU10040SC	40 Watt
SU10065SC	65 Watt
SU10190SC	190 Watt
SU10320SC	320 Watt

FRP TANKLAR			
STOCK CODE	MODEL	CONNECTION (INCH)	CONNECTION TYPE
STI010FT	8"x17"	2 1/2	Threaded- Top Open
STI015FT	8"x35"	2 1/2	Threaded- Top Open
STI020FT	10"x35"	2 1/2	Threaded- Top Open
STI025FT	10"x54"	2 1/2	Threaded- Top Open
STI030FT	13"x54"	2 1/2	Threaded- Top Open
STI035FT	14"x65"	2 1/2	Threaded- Top Open
STI040FT	16"x65"	2 1/2	Threaded- Top Open
STI045FT	18"x65"	4	Threaded- Top Open
STI050FT	21"x62"	4	Threaded- Top Open
STI055FT	24"x72"	4	Threaded- Top Open
STI060FT	30"x72"	4	Threaded- Top/Bottom Open
STI065FT	36"x72"	4	Threaded- Top/Bottom Open
STI070FT	42"x72"	6	Flanged- Top/Bottom Open
STI075FT	48"x72"	6	Flanged- Top/Bottom Open
STI080FT	63"x86"	6	Flanged- Top/Bottom Open





FILTRATION VALVES				
STOCK CODE	MODEL	FLOW (M3/H)	TANK TYPE	CONNECTION (INCH)
SV1010FV	RUNXIN 3/4" FILTER VALVE	2	6"-10"	3/4"
SV1015FV	RUNXIN 1" FILTER VALVE	4	6"-14"	1"
SV1020FV	RUNXIN 2" FILTER VALVE	10	16"-24"	2"
SV1025FV	RUNXIN 2" FILTER VALVE	18	24"-30"	2"
SV1030FV	RUNXIN 2" FILTER VALVE	20	30"-42"	2"



SOFTENING VALVES				
STOCK CODE	MODEL	FLOW (M3/H)	TANK TYPE	CONNECTION (INCH)
SV1010SV	RUNXIN 3/4" SOFTENING VALVE	2	6"-12"	3/4"
SV1015SV	RUNXIN 1" SOFTENING VALVE	4	6"-18"	1"
SV1020SV	RUNXIN 2" SOFTENING VALVE	10	10"-30"	2"
SV1025SV	RUNXIN 2" SOFTENING VALVE	15	16"-42"	2"
SV1030SV	RUNXIN 2" SOFTENING VALVE	18	16"-42"	2"
SV1035SV	RUNXIN 2" SOFTENING VALVE	20	24"-48"	2"



VALVE SPARES	
STOCK CODE	MODEL
SV2010VS	Top Diffuser (For 6"-12" Tank)
SV2015VS	Bottom Diffuser (For 6"-12" Tank)
SV2020VS	Top Diffuser (For 12"-36" Tank)
SV2025VS	Air Check (For 1" Valve)
SV2030VS	Air Check (For 2" Valve)

FILTRATION MINERALS			
STOCK CODE	MODEL	PLACE OF USE	PACKAGE TYPE
CM1010QK	Quartz Sand (0,5-1,2 mm)	Filtration	25 kg
CM1015QK	Quartz Sand (1-3 mm)	Filtration	25 kg
CM1020QK	Quartz Sand (3-5 mm)	Filtration	25 kg
CM1025QK	Quartz Sand (5-8 mm)	Filtration	25 kg
CM1010AK	Activated Carbon (Coal)	Filtration	25 kg
CM1015AK	Activated Carbon (Coconut)	Filtration	25 kg
CM1020AK	Activated Carbon (Nutshell)	Filtration	25 kg
CM1010DM	Dolomite	Remineralization	25 kg
CM1010BM	Birm	Iron Removal	25 kg
CM1010AT	Anthracite	Filtration	35 lt
CM1010AX	Aquamandix	Manganese Removal	25 kg



RESIN			
STOCK CODE	MODEL	PLACE OF USE	PACKAGE TYPE
CR1010KR	Cationic Resin (Indion)	Softening	25 lt
CR1015KR	Cationic Resin (Purolite)	Softening	25 lt
CR1010DR	Anionic Resin (Purolite)	Deionisation	25 lt
CR1015DR	Cationic Resin (Purolite)	Deionisation	25 lt
CR1010MR	Mixed Resin (Purolite)	Deionisation	25 lt



STOCK CODE	MODEL	PLACE OF USE	PACKAGE TYPE
CC1010SK	Liquid Chlorine	Disinfection	25 kg
CC1010HA	Hydrochloric Acid	pH Decrease	25 kg
CC1010SA	Sulphuric Acid	pH Decrease	25 kg
CC1010AC	Antiscalant (Well Water)	Reverse Osmosis	25 kg
CC1015AC	Antiscalant (Sea Water)	Reverse Osmosis	25 kg
CC1020AC	Antiscalant (For Silica)	Reverse Osmosis	25 kg
CC1010SB	Sodiummetabisulphide	Residual Chlorine Removal	25 kg
CC1010SC	Liquid Caustic	pH Increase	25 kg
CC1010YS	Washing Liquid with Acid	Reverse Osmosis	25 kg
CC1015YS	Washing Liquid with Base	Reverse Osmosis	25 kg





OUR OTHER SERVICES



We can design a system suitable for all kinds of raw water sources and wastewater content in our 100% Turkish capital company without any foreign support. We are able to prepare the necessary system designs, equipment selections, layout plans in order to obtain the purified water quality desired by our customers, with our experienced engineer staff.



We manufacture our systems with care by considering water source, customer use and requirements. We determine quality of equipments we use according to content of water source, and we can make special production according to the area where our customers want to install the system. Since our priority is customer satisfaction, we will always continue to produce qualified products, use qualified materials and stand behind the systems we have established.



We provide installation of the systems we supply, wherever our devices are in the world, with our own technical team. If our customer requests, we supply assembling materials among the systems ourselves and we can choose assembling material, taking into account the water quality, system pressure and material quality.



We can provide spare parts and maintenance services for the systems we have installed and supplied, and we are always with our valued customers. Our technical service team is able to provide service 24 hours a day, 7 days a week, regardless of the system we have installed, remotely or at the beginning of the system.



Depending on preferences of our customers, we can undertake the monthly, annual or long-term operation of the systems we have installed and have the necessary technical personnel for the operation in the field.



**TO CREATE SOLUTIONS FOR YOU
Contact Us.**



+90 216 706 76 46



info@deemaqua.com.tr



deemaqua.com.tr



deemaqua
deemaquawatertreatment



deem aqua

2023

DEEM AQUA SU ARITMA SİSTEMLERİ TİCARET A.Ş.



Head Office: Salacak
Mah. Salacak
İskele Cad. No: 11
Üsküdar/İSTANBUL



Production I
Warehouse: Yenişehir
Şevket Çelenk Cad.
No.1 Pendik/
İSTANBUL



Project Office:
İçerenköy Mah. Prof
Dr. Necmettin
Erbakan Cad. No:97
D: 27 K:6 Ataşehir/
İSTANBUL



Contact Office:: Cevizli
Mah. Zuhal Cad.
Ritim İstanbul Blok
No:44BH
Maltepe/İSTANBUL



+90 216 706 76 46

info@deemaqua.com.tr



www.deemaqua.com.tr



deemaqua
deemaquawatertreatment