

CATALOG N°17





Corsa Group has more than 40 years of experience in the water process sector. We specialise in the production of our high-tech equipment in our factory and R+D+i centre in Barcelona from where we distribute throughout Spain as well as exporting to more than 60 countries in the world. We manufacture, design, and commercialise bespoke domestic and industrial equipment for our clients. Corsa Group's integral service is supported by our professional Technical Support Service team.



COMMITMENT TO QUALITY AND THE ENVIRONMENT

We bring the transparency and purity of water to people. We hold your health and well-being in highest esteem. Across the entire range of Corsa Group products we maintain the "Total Quality" principle. To do this, selecting the best materials and components is essential in the design of equipment that promotes quality of life and respect for the environment. All projects are undergo exhaustive tests and analysis. Certification and quality grading of our teams confirm sustainable production processes in Corsa Group.



I+D+i

Through investing in investigation, we keep up with the trends and new techniques in the market. We promote the development of revolutionary and innovative procedures when designing equipment. For filtering, osmosis and softening we have the latest technology available in the sector. Corsa Group makes homes more comfortable and businesses more productive. We implement large scale industrial projects maintaining direct contact with the client at all times so that the results meets their expectations.

OUR DIVISIONS

We offer solutions in the following areas:

PROCESS WATER TREATMENT DIVISION:

Proven experience in domestic and industrial installations is a guarantee that Corsa Group has the human and technical resources to fulfil their main objective: process quality water meeting client requirement.



CHEMICAL PRODUCTS DIVISION:

Corsa Group offers a wide range of specialised products for conserving and improving all hydraulic installations. The correct dosage of said products makes the equipment last longer and substantially improves their productivity.



ENGINEERING DIVISION:

The Engineering Department of Corsa Group works with the latest technology in the sector to fulfil the needs of our clients, both internally and externally, offering projects and products of the highest quality.

Corsa Group believes strongly in working as a team with our main clients, playing an essential role in the design and manufacture of bespoke industrial equipment.



Certifications:

EMC



(Valves)

CE



Osmotic Smart Concept
certified by
Laboratorio Dr. Oliver Rodés



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1 FILTRATION AND PROTECTION

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Metal or reinforced polypropylene air purge plug

Reinforced polypropylene head

All models over 5" high include a vessel spanner and wall support

Transparent tyrene-acrylonitrile resin or opaque polypropylene vessel

Four different types of cartridge:

Cartridges:



COILED



ACTIVE CARBON



PLEATED



SILICOPHOSPHATES



NYLON



DOLOMITE



SPUN



KDF



MINI

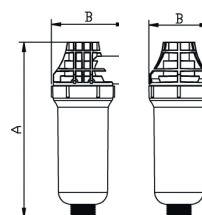
- Reinforced polypropylene head and brass connection
- Transparent S.A.N or propylene vessel.



Water temperature
5°C - 20°C



Operating pressure:
1 - 8 bar



CODE	MODEL	COUPLING	FLOW (LPM)	UNIT per box	MEASUREMENTS A x B	WEIGHT Kg
A-160001	Mini L Empty	¾" H	-	25	165 x 65	0.15
A-170001	Mini C Empty	½" H	-	20	195 x 76	0.15

ACCESSORIES AND SPARE PARTS



C head



L head



O-ring



Vessel L/C

CODE	MODEL	UNIT per box
B-159004	C head	1
B-154002	L head	1

CODE	MODEL	UNIT per box
C-154005	O-ring	5
C-154017	Vessel L/C	1

2 PARTS

- Reinforced polypropylene head and brass coupling
- Transparent S.A.N or propylene vessel

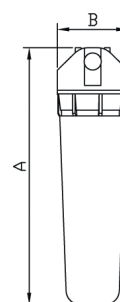


Water temperature
5°C - 45°C



Operating pressure
1 - 8 bar

CODE	MODEL	COUPLING	CARTRIDGE HEIGHT	UNIT per box	MEASUREMENTS A x B	WEIGHT Kg
A-195000	Empty transparent vessel blue cover C	¾" H	9 ¾"	8	350 x 120	0.9
A-195009	Empty transparent vessel red cover C	¾" H	9 ¾"	8	350 x 120	0.9
A-195019	Empty transparent vessel orange cover C	¾" H	9 ¾"	8	350 x 120	0.9
A-195001	Empty opaque vessel blue cover C	¾" H	9 ¾"	8	350 x 120	0.9
A-195020	Empty opaque vessel red cover C	¾" H	9 ¾"	8	350 x 120	0.9
A-195021	Empty opaque vessel orange cover C	¾" H	9 ¾"	8	350 x 120	0.9



ACCESSORIES AND SPARE PARTS



C head, red, blue or orange



Red, blue or orange spanner



90 x 4 o-ring



Wall support



Support screws



Transparent/opaque vessel

CODE	MODEL	UNITS per box
B-195001	C head blue	1
B-195003	C head red	1
B-195010	C head orange	1
C-185020	O-ring 90 x 4	5
C-185013	Blue vessel spanner	1
C-195008	Red vessel spanner	1

CODE	MODEL	UNITS per box
C-195011	Orange vessel spanner	1
C-195009	Metal wall support	1
C-714007	Support Screw M4.2 x 16 DIN7981	4
C-185015	Opaque vessel C	1
C-185014	Transparent vessel C	1

3 PARTS

- Reinforced polypropylene head and brass connection
- Transparent S.A.N or propylene vessel



Water temperature
5°C - 45°C



Operating pressure:
1 - 8 bar



CODE	MODEL	COUPLING	CARTRIDGE HEIGHT	UNIT per box	MEASUREMENTS A x B	WEIGHT Kg
A-190038	3PL 10" empty transparent vessel	1" H	10"	12	310 x 130	0.8
A-190039	3PL 10" empty opaque vessel	1" H	10"	12	310 x 130	0.8
A-190040	3PL 20" empty transparent vessel	1" H	20"	6	580 x 130	1.2

ACCESSORIES AND SPARE PARTS



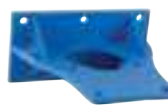
Head



Nut



Spanner



Wall support



O-ring



Transparent and opaque vessels

CODE	MODEL	UNITS per box
C-154024	Cartridge adaptor from 9 3/4" to 20"	10
C-190042	Blue head 1" 3PL 10"/20"	1
C-190041	Transparent 10" 3PL O-ring	5
C-190061	Opaque 10" 2PL O-ring	5
C-190059	3PL vessel spanner	1
C-190058	3PL wall support	1

CODE	MODEL	UNIT per box
C-190040	3PL nut 10"/20"	1
C-190043	3PL 10" transparent vessel	1
C-190044	3PL 10" opaque vessel	1
C-190045	3PL 20" transparent vessel	1
C-190062	Transparent 20" 3PL O-ring	5

BIG

- Reinforced polypropylene head and brass connection
- Transparent S.A.N or propylene vessel



Water temperature
5°C - 45°C



Operating pressure:
1 - 8 bar



CODE	MODEL	COUPLING	CARTRIDGE HEIGHT	UNIT per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-190042	BIG 10" transparent empty vessel	1" H	10"	1	340 x 180	2.6
A-190043	BIG 10" opaque empty vessel	1" H	10"	1	340 x 180	2.6
A-190046	BIG 20" transparent empty vessel	1 ½" H	20"	1	630 x 180	3.3
A-190047	BIG 20" opaque empty vessel	1 ½" H	20"	1	630 x 180	3.3

ACCESSORIES AND SPARE PARTS



Head



O-ring



Spanner



Wall support



Transparent and opaque vessels

CODE	MODEL	UNITS per box	CODE	MODEL	UNIT per box
C-190050	Head 1" BIG 10"/20"	1	C-190047	BIG wall support 10"/20"	1
C-190051	1 Head ½" BIG 10"/20"	1	C-190052	BIG 10" transparent vessel	1
C-190049	BIG transp. O-ring 10"/20"	5	C-190053	BIG 10" opaque vessel	1
C-190057	BIG opaque O-ring 10"/20"	5	C-190054	BIG 20" transparent vessel	1
C-190048	BIG 10"/20" vessel spanner	1	C-190055	BIG 20" opaque vessel	1

BIG ONE

- Industrial filters for high flows.
- Body in grey reinforced polypropylene.
- Manual purge valve.
- Flow according to filtering cartridge.
- 23" and 40" models include closing mechanism and vertical support in AISI 304 stainless steel.
- 30" model with wall fixing option.
- NBR 70sH o-rings in 30" model. Rest in VITON.



Water temperature
5°C - 40°C



Operating pressure:
1 – 6 bar



CODE	MODEL	COUPLING	FLOW Máx. (m³/h)	UNIT per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-197204	AQUA-BIG 30"	1 ½" H	12	1	878 x 185	7
A-197205	AQUA-BIG ONE 23"	3"	28	1	1,090 x 388	19
A-197206	AQUA-BIG ONE 40"	3"	50	1	1,500 x 388	22.5



CONSUMABLES

- Constructed in expanded MELT Blown polypropylene with nominal efficiency of 95%.
- Operating temperature of 0°C to 40°C.
- Option of supply in ABSOLUTE 100% level.

CODE	MODEL	FILTRATION	MAX FLOW (M3/H)	UNIT per box	MEASURE- MENTS	WEIGHT KG
A-197229	Cartridge BIG ONE MB 30"	1-10 µm	4.4	1	762 X 120	1.35
A-197230	Cartridge BIG ONE MB 30"	5-20 µm	7.0	1	762 X 120	1.35
A-197231	Cartridge BIG ONE MB 30"	20-50 µm	12.0	1	762 X 120	1.35
A-197232	Cartridge BIG ONE MB 23"	1-10 µm	9.0	1	590 X 140	2.2
A-197233	Cartridge BIG ONE MB 23"	5-20 µm	16.5	1	590 X 140	2.2
A-197234	Cartridge BIG ONE MB 23"	20-50 µm	28.0	1	590 X 140	2.2
A-197235	Cartridge BIG ONE MB 40"	1-10 µm	16.0	1	1020 X 140	3.6
A-197236	Cartridge BIG ONE MB 40"	5-20 µm	30.0	1	1020 X 140	3.6
A-197237	Cartridge BIG ONE MB 40"	20-50 µm	50.0	1	1020 X 140	3.6



CINTROPUR® NW

- Domestic and industrial filters for liquids with centrifugal filtration with cyclonic effect.
- High flow
- Low pressure loss.
- Source fabric: 25 microns.
- Head: Polypropylene reinforced with fibreglass.
- Vessel: Transparent tyrene-acrylonitrile resin (SAN), impact resistant.
- P.P. or stainless steel clamp.
- Manual purge valve only included in models NW500 / NW650 / NW800.
- Models NW500 / NW650 / NW800 include input and output manometers to control pressure drop due to dirt accumulation and are equipped with flanges.
- Optional wall support.

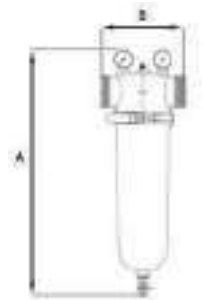


Water temperature
5°C - 50°C



Operating pressure:
1 - 10 bar

CODE	MODEL	COUPLING	FLOW (m ³ /h) FABRIC 25micras	UNIT per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-730004	NW 25	3/4" or 1" M	5.5	1	355 x 270	1.3
A-730000	NW 32	1 1/4" M	6.5	1	540 x 270	1.8
A-730001	NW 500	2" M	18	1	630 x 363	6.4
A-730002	NW 650	2 1/2" M	25	1	630 x 304	7.0
A-730003	NW 800	3" M	32	1	630 x 313	7.4



CONSUMABLES AND ACCESSORIES

CODE	MODEL	UNITS per bag
C-370009	Fabrics 5 µm model NW25	5
C-370010	Fabrics 25 µm model NW25	5
C-370007	Fabrics 50 µm model NW25	5
C-370012	Fabrics 100 µm model NW25	5
C-370006	Fabrics 5 µm model NW32	5
C-370000	Fabrics 25 µm model NW32	5
C-370002A	Fabrics 50 µm model NW32	5
C-370008	Fabrics 100 µm model NW32	5
C-370004	Fabrics 5 µm model NW500-650-800	5
C-370001	Fabrics 25 µm model NW500-650-800	5
C-370003	Fabrics 50 µm model NW500-650-800	5
C-370005	Fabrics 100 µm model NW500-650-800	5
C-370021	Stainless Steel Support NW500-650-800	1
C-370024	P.E. support NW500-650-800	1
C-370025	P.E. support NW25-32	1



RINGS

- Filtering grade of 150 microns.
- Washable cartridge.
- Low operating cost.
- Includes discharge ball valve for washing.



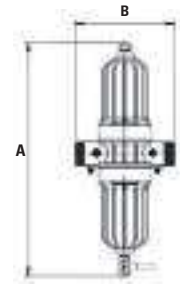
Water temperature
5°C - 50°C



Operating pressure:
1 – 6 bar



CODE	MODEL	COUPLING MALE	DIAMETER from drain	FLOW (m ³ /h)	UNITS per box	MEASURE- MENTS A x B mm	WEIGHT Kg
A-150600	F90A	1" M	½" M	6	20	246.5 x 150	0.85
A-150601	F90B	1 ½" M	½" M	12	8	411.5 x 188	1.2
A-150602	F90C	2" M	¾" M	20	6	410 x 210	3.5
A-150603	F90D	2 ½" M	¾" M	40	4	708 x 300	6.0



ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNITS per box
C-150600	F90A O-rings Kit	10
C-150601	F90B O-rings Kit	10
C-150602	F90C O-rings Kit	10
C-150603	F90D O-rings Kit	10



DUO

- Combination of 2 cartridges.
- Includes bracket and spanner for filter maintenance.
- 1" brass input/output insert coupling.
- 3-piece system.
- 10" and 20" cartridge



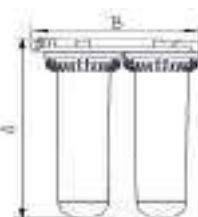
Water temperature
5°C - 40°C



Operating pressure:
1 - 8 bar



CODE	MODEL	COUPLING	CARTRIDGE HEIGHT	UNITS per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-150700	DUO 10" transparent empty vessel	1" H	10"	6	310 x 270	2.0
A-150701	DUO 10" opaque empty vessel	1" H	10"	6	310 x 270	2.0
A-150702	DUO 20" transparent empty vessel	1" H	20"	3	610 x 270	3.5



ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNITS per box
C-150030	DUO head	1
C-190041	Transparent DUO 10" O-ring	5
C-190061	Opaque DUO 10" O-ring	5
C-190062	Transparent DUO 20" O-ring	5
C-190059	DUO vessel spanner	1
C-150031	Wall support	1
C-190040	Nut	1
C-190043	3PL 10" transparent vessel	1
C-190044	3PL 10" opaque vessel	1
C-190045	3PL 20" transparent vessel	1



Head



O-ring



Spanner



Wall support



Nut



Transparent and opaque vessels

CMC (Container Multi Cartridge)

- Multi-cartridge containers made of AISI 316L stainless steel.
- Maximum differential pressure 0.8 bar.
- Cartridges not included.



Water temperature
5°C - 50°C



Operating pressure:
1 – 6 bar



CMC EC



CMC QF

CODE	MODEL	No. CARTRIDGES	LOCKING	COUPLING	FLOW (m ³ /h) FABRIC 20 micras	UNIT per box	MEASURE- MENTS A x B mm	WEIGHT Kg
A-179261	CMC-1 EC	3 x 20"	Clamp	2" BSP H	13,5	1	800 x 230	5,44
A-197270	CMC-4 EC	7 x 20"	Clamp	3" BSP H	31,5	1	1340 x 320	9,74
A-197271	CMC-5 EC	7 x 40"	Clamp	3" VICTAULIC	63	1	1410 x 390	13,26
A-197272	CMC-1 QF	3 x 20"	Quickly flange	1 1/2" BSP H	13,5	1	980 x 230	4,83
A-197273	CMC-4 QF	7 x 20"	Quickly flange	3" BSP H	31,5	1	1020 x 320	10,63
A-197274	CMC-5 QF	7 x 40"	Quickly flange	3" VICTAULIC	63	1	1530 x 390	15,02
A-197275	CMC-6 QF	9 x 40"	Quickly flange	3" VICTAULIC	81	1	1550 x 410	20,87
A-197276	CMC-7 QF	12 x 40"	Quickly flange	4" VICTAULIC	108	1	1870 x 430	26,13

PMC (Plastic Multi Cartridge)

- Multi-cartridge containers made of PVC.
- Maximum differential pressure 0.8 bar.
- Cartridges not included.



Water temperature
5°C - 45°C



Operating pressure:
1 – 6 bar



CODE	MODEL	No. CARTRIDGES	COUPLING	FLOW (m ³ /h) FABRIC 20 micras	UNIT per box	MEASURE- MENTS A x B	WEIGHT Kg
A-150800	PMC-3	3 x 20"	2" H	13,5	1	715 x 225	12.5
A-150801	PMC-8	8 x 20"	2 1/2" H	36	1	745 x 315	22.5
A-150802	PMC-9	9 x 40"	3" H	81	1	1.245 x 315	32

DECHLORINATION AND MINERALISATION

CODE	MODEL	HEIGHT CARTRIDGE	FLOW máx. (m ³ /h)	UNITS per box
C-253116	Carbon Block 10"	10"	0.6	25
C-253126	Carbon Block 20"	20"	1.2	20
C-253243	Carbon Block BIG 10"	10"	1.2	12
C-253244	Carbon Block BIG 20"	20"	2.4	6

CODE	MODEL	CARTRIDGE HEIGHT	FLOW max. (m ³ /h)	UNITS per box
A-718020	Carbon GAC 9 3/4"	9 3/4"	0.25	10
C-253082	Carbon GAC 10"	10"	0.25	25
C-253125	Carbon GAC 20"	20"	0.5	25
C-253245	Carbon GAC BIG 10"	10"	0.25	12
C-804047	Carbon GAC BIG 20"	20"	0.5	6
A-718100	Carbon GAC+KDF 9 3/4"	9 3/4"	0.4	10

CODE	MODEL	HEIGHT CARTRIDGE	FLOW máx. (m ³ /h)	UNITS per box
A-720004	Remineralisation cartridge 9 3/4"	9 3/4"	0.4	10



SILICOPHOSPHATES PROTECTION

CODE	MODEL	HEIGHT CARTRIDGE	FLOW máx. (m ³ /h)	UNITS per box
A-308100	Silicophosphates cartridge MINI (2 units)	130 mm	-	40
A-720000	Silicophosphates cartridge 9 3/4"	9 3/4"	0.7	10
A-720007	Silicophosphates cartridge 10"	10"	0.7	10



EMPTY CARTRIDGES

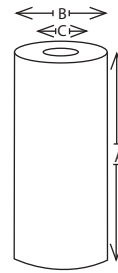
CODE	MODEL	CARTRIDGE HEIGHT	FLOW máx. (m ³ /h)	UNITS per box
B-718000	Transparent empty cartridge 9 3/4"	9 3/4"	0.7	10
B-718001	Opaque empty blue cartridge 9 3/4"	9 3/4"	0.7	10
B-720007	Transparent empty cartridge 10"	10"	0.7	10



WOUND

Polypropylene wound cartridges.

- Can be used in domestic, commercial and industrial applications.



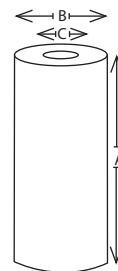
CODE	MODEL	HOUSING	FLOW máx. (m ³ /h)	UNITS per box	MEASUREMENTS A x B x C mm	WEIGHT Kg
C-320302	5 µm	9 ¾"	0.8	50	248 x 70 x 27	0.2
C-320303	20 µm	9 ¾"	1.7	50	248 x 70 x 27	0.2
C-320304	40 µm	9 ¾"	1.9	50	248 x 70 x 27	0.2
C-330005	5 µm	10"	0.8	50	254 x 70 x 27	0.2
C-330020	20 µm	10"	1.7	50	254 x 70 x 27	0.2
C-330050	40 µm	10"	1.9	50	254 x 70 x 27	0.2
C-330505	5 µm	20"	1.6	25	508 x 63 x 27	0.4
C-330520	20 µm	20"	2.5	25	508 x 63 x 27	0.4
C-350005	5 µm	40"	3.2	20	1.016 x 63 x 27	0.9
C-350020	20 µm	40"	4	20	1.016 x 63 x 27	0.9
C-320110	BIG 5 µm	10"	1.2	18	254 x 114 x 27	0.5
C-320111	BIG 20 µm	10"	2.1	18	254 x 114 x 27	0.5
C-320109	BIG 5 µm	20"	3.4	9	508 x 114 x 27	0.9
C-320101	BIG 20 µm	20"	4.3	9	508 x 114 x 27	0.9

WASHABLE PLEATED POLYESTER

- Corrugated polyester cartridges

- Washable

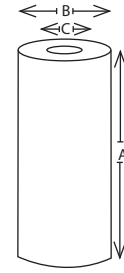
- Can be used in domestic, commercial and industrial applications.



CODE	MODEL	HOUSING	FLOW máx. (m ³ /h)	UNITS per box	MEASUREMENTS A x B x C mm	WEIGHT Kg
C-320003	5 µm	9 ¾"	1	50	248 x 70 x 27	0.16
C-320004	20 µm	9 ¾"	2	50	248 x 70 x 27	0.2
C-320013	5 µm	10"	1	50	248 x 70 x 27	0.2
C-320014	20 µm	10"	2	50	248 x 70 x 27	0.2
C-320007	5 µm	20"	2	25	495 x 70 x 27	0.28
C-320011	20 µm	20"	3.6	25	495 x 70 x 27	0.3
C-320107	BIG 5 µm	10"	2	18	254 x 114 x 27	0.4
C-320108	BIG 20 µm	10"	2.1	18	254 x 114 x 27	0.4
C-320105	BIG 5 µm	20"	4	9	508 x 114 x 27	0.6
C-320120	BIG 20 µm	20"	4.3	9	508 x 114 x 27	0.6

WASHABLE NYLON

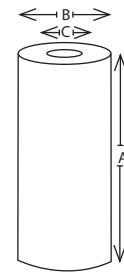
- Cartridges made of nylon
- Washable
- Can be used in domestic, commercial and industrial applications.



CODE	MODEL	HOUSING	FLOW max. (m ³ /h)	UNITS per box	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-154018	Sediments cartridge MINI (2 units)	130 mm	-	40	130 x 40 x -	0.10
C-319000	60 µm	9 ¾"	3.5	70	248 x 65 x 27	0.16
C-319005	60 µm	20"	6.4	35	493 x 61 x 26.5	0.36

SPUN

- Spun polypropylene cartridges are suitable for a wide variety of uses thanks to their large holding capacity.
- Can be used in domestic, commercial and industrial applications.



CODE	MODEL	HOUSING	FLOW máx. (m ³ /h)	UNITS per box	MEASUREMENTS A x B x C mm	WEIGHT Kg
C-340237	10 µm	9 ¾"	1.5	50	248 x 63 x 27	0.3
C-340005	5 µm	9 ¾"	1.5	50	248 x 63 x 27	0.3
C-340235	25 µm	9 ¾"	2.5	50	248 x 63 x 27	0.3
C-340026	20 µm	10"	2.5	50	254 x 63 x 27	0.3
C-340205	5 µm	20"	2.7	25	508 x 63 x 27	0.6
C-340225	25 µm	20"	4.5	25	508 x 63 x 27	0.6
C-340232	5 µm	40"	6.0	25	1.018 x 63 x 27	0.9
C-340244	20 µm	40"	10.0	25	1.018 x 63 x 27	0.9
C-340241	BIG 5 µm	10"	1.8	18	254 x 114 x 27	0.5
C-340242	BIG 20 µm	10"	2.7	18	254 x 114 x 27	0.5
C-340243	BIG 5 µm	20"	3.2	9	508 x 114 x 27	0.8
C-340230	BIG 20 µm	20"	4.8	9	508 x 114 x 27	0.8

SEMI-AUTOMATIC

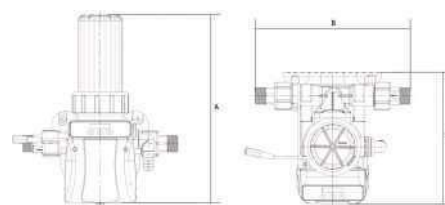
- Filter with semi-automatic cleaning.
- Great backwash efficiency
- Self-cleaning, no maintenance.
- Input, output and drainage coupling can rotate 360°.
- Filter core installed face down
- Wall support included.



Water temperature
5°C - 50°C



Operating pressure:
1 – 6 bar



CODE	MODEL	FILTRATION	FLOW m3/h	COUPLING	DRAIN	MEASUREMENTS A x B x C mm
A-150680	RL-Q01S	50 µm	1.5	3/4" M	16.5ø	294 X 244 X 206

AUTOMATIC

- Filter with programmable self-cleaning.
- Great backwash efficiency
- Self-cleaning, no maintenance.
- Saves up to 30% more water in comparison to conventional filters.
- Input, output and drainage coupling can rotate 360°.
- Filter core installed face down
- Wall support included.



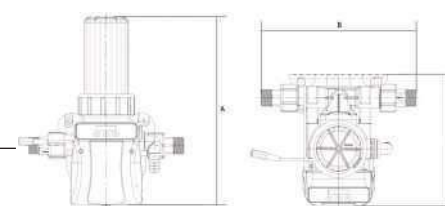
Water temperature
5°C - 50°C



Operating pressure:
1 – 6 bar

INTELLIGENT
DESIGN
LEAK-PROOF

NEW



CODE	MODEL	FILTRATION	FLOW m3/h	COUPLING	DRAIN	MEASUREMENTS A x B x C mm
A-150685	RL-Q01	50 µm	1.5	3/4" M	16.5ø	294 X 244 X 206

MINI L AND MINI C

- Filters with anti-scalant and anti-corrosion properties.
- Simple installation, no plumbing required
- Model MINI L: Specially for washing machines
- Model MINI C: Specially for domestic heaters and boilers.
- Reinforced polypropylene head and brass connection
- Transparent S.A.N or propylene vessel.



Water temperature
5°C - 20°C



Operating pressure:
1 - 8 bar



CODE	MODEL	COUPLING	FLOW (LPM)	UNIT per box	MEASUREMENTS A x B	WEIGHT Kg
A-160000	Mini L Silicophosphates	¾" H	-	25	165 x 65	0.30
A-160005	Mini LS Sediments 20 µm	¾" H	-	25	165 x 65	0.20
A-170000	Mini C Silicophosphates	½" H	-	20	195 x 76	0.30
A-170005	Mini CS Sediments 20 µm	½" H	-	20	195 x 76	0.20

AQUAPHOS DUO

- Filters with anti-scalant and anti-corrosion properties.
- Suitable for heating and cooling systems and solar panels.
- Materials suitable for drinking water.
- Combination of 2 cartridges.
- Includes bracket and spanner for filter maintenance.
- 1" brass input/output insert coupling.
- 3-piece system.
- 10" and 20" cartridge

F= 20 micra filter (eliminates suspended particles).
SPH= Silicophosphates (anti-scale protection).



Water temperature
5°C - 40°C



Operating pressure:
1 - 8 bar

CODE	MODEL	COUPLING	CARTRIDGE HEIGHT	UNITS per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-197120	Aquaphos DUO (F + SPH) 10"	1" H	10"	1	320 x 265	2.7
A-197121	Aquaphos DUO (F + SPH) 20"	1" H	20"	1	580 x 265	4.7

AQUAPHOS TRI

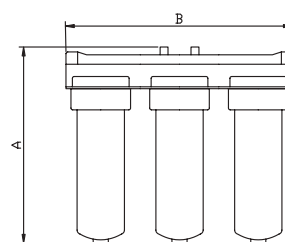
- Filters with anti-scalant and anti-corrosion properties.
- Inlet/Outlet Connections in 3/4" brass.
- Suitable for heating and cooling systems and solar panels.
- Combination of 3 cartridges.
- Includes bracket and spanner for filter maintenance.
- 9 3/4" container

F= Filter cartridge (eliminates suspended particles).

CA= Active Carbon (eliminates chlorine).

KDF= Resin (eliminates chlorine, heavy metals, iron, scaling and hydrogen sulphide).

SPH= Silicophosphates (anti-scale protection).



Water temperature
5°C - 45°C



Operating pressure:
1 - 8 bar

CODE	MODEL	FLOW max. (m ³ /h)	HOUSING	UNIT per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-125700	Aquaphos TRI (F 20 µm + CA + SPH)	0.7	9 3/4"	1	345 x 375	5
A-125702	Aquaphos TRI (F 20 µm + CA + CA)	0.7	9 3/4"	1	345 x 375	5
A-125703	Aquaphos TRI (F 20 µm + CKDF + CKDF)	0.7	9 3/4"	1	345 x 375	5
A-125704	Aquaphos TRI (F 20 µm + F 5 µm + CA)	0.7	9 3/4"	1	345 x 375	5

ACCESSORIES AND SPARE PARTS



Tri Head



O-ring



Blue spanner



Wall support



Transparent and
opaque vessels

CODE	MODEL	UNITS per box
B-265011	Head TRI/FLIPPER1 without accessories	1
C-185020	O-ring 90x4 head TRI	5
C-185013	TRI blue vessel spanner	1
C-125701	TRI wall support	1

CODE	MODEL	UNITS per box
C-125703	Screw M6 x 60 DIN912	4
C-125704	Nut M6 DIN985	1
C-185015	9/4" opaque vessel	1
C-185014	9/4" transparent vessel	1

AQUAPHOS BIG

- Filters with anti-scalant and anti-corrosion properties.
- 1 ½" female inlet and outlet coupling.
- Materials suitable for drinking water.
- Combination of 2 cartridges.
- Includes bracket and spanner for filter maintenance.

F= 20 micron filter (eliminates suspended particles).
SPH= Silicophosphates (anti-scale protection).

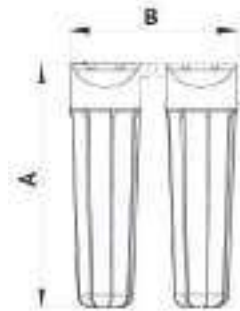


Water temperature
5°C - 45°C




Operating pressure:
1 - 8 bar

CODE	MODEL	COUPLING	CARTRIDGE HEIGHT	UNIT per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-125310	Aquaphos BIG 20	1 ½" H	20"	1	630 x 380	15



2 BED FILTERS

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Valve connection to top bottle (TM) or side (SM)


Bottle made of P.F.D.V.

P.V.C. interior hydraulic elements designed according to maximum flow

Automatic (A) or manual (M) valves:
 - Time or pressure difference triggered automatic cleaning valves.
 - 3 way manual valves with positions for service, backwashing and controllable flushing.

Monolayer or Multilayer Beds with gravel at the bottom to protect the bottom strainer



 Water temperature
5°C - 40°C

 Maximum operation pressure
4-6 bar

 Power supply:
230-110 V 50/60 Hz.

FAP SILEX

- Filtration of solids in suspension using Silex.
- Silex loaded filter with gravel base.



Water temperature
5°C - 40°C



Maximum operation pressure:
6 bar (except in 5 valve batteries: 4 bar)



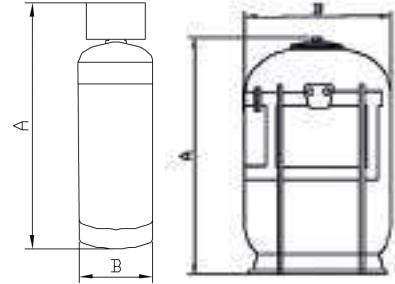
Power supply
230-110 V 50/60 Hz



See characteristics of valve
model in chapter 7



Delivered with complete load inside bottle up to model FAP 25.
Load is delivered in separate bags from model FAP 30 onwards.



CODE		MODEL	FLOW (m ³ /h)		SURFACE filtration (m ²)	VALVE		TANK	TANK MEA- SUREMENTS A x B mm	WEIGHT Kg
AUT	MAN		v= 10 m/h	v=15 m/h		AUT	MAN			
A-650023	A-650022	FAP-20	0.3	0.5	0.03	K67B1 TM 1"	K56A TM 1"	08 X 35	1,074 x 205	25
A-650028	A-650024	FAP-25	0.5	0.8	0.05	K67B1 TM 1"	K56A TM 1"	10 X 35	1,074 x 257	42
A-650033	A-650032	FAP-30	0.7	1.1	0.07	K67B1 TM 1"	K56A TM 1	12 X 52	1,514 x 307	85
A-650036	A-650034	FAP-35	0.9	1.4	0.09	K67B1 TM 1"	K56F TM 1"	14 X 65	1,841 x 360	144
A-650053	A-650052	FAP-50	2.1	3.2	0.21	K75A1 2"	K56D TM 2"	21 X 62	2,159 x 550	315
A-650063	A-650062	FAP-60	2.8	4.2	0.28	K75A1 2"	K56D TM 2"	24 X 72	2,399 x 615	452
A-650073	A-650074	FAP-75	4.4	6.6	0.44	K77B1 2"	K77BS TM 2"	30 X 72	2,465 x 780	725
A-650103	A-650102	FAP-100	6.3	9.5	0.63	K77B1 2"	K112BS TM 2"	36 X 72	2,465 x 918	1,075
A-650123	A-650121	FAP-120	11	17	1.13	K112B1 2"	K112BS TM 2"	48 X 72	2,270 x 1,218	1,878
A-650143	A-650140	FAP-140	15	23	1.53	5 Valve battery SM DN50	5 Valve battery SM DN50	1,400 mm	1,816 x 1,400	1,958
A-650163	A-650160	FAP-160	20	30	2.01	5 Valve battery SM DN65	5 Valve battery SM DN65	1,600 mm	1,916 x 1,600	2,470
A-650203	A-650201	FAP-200	31	47	3.14	5 Valve battery SM DN80	5 Valve battery SM DN80	2,000 mm	2,060 x 2,000	4,330

Note: Dimensions and weights for guidance purposes only, consult with Sales Department.



FAP 120 AUTOMATIC

FAP 35 MANUAL

FAP TURBIDEX®

- Highly efficient filtration in a range of 3-5 microns
- Water savings up to 1.5 greater than with a multimedia filter and up to 2.8 times more than with a sand filter.
- Filtration of solids in suspension using Turbidex®.
- Turbidex® loaded filter with gravel base.



Water temperature
5°C - 60°C



Maximum operating pressure: 6 bar.



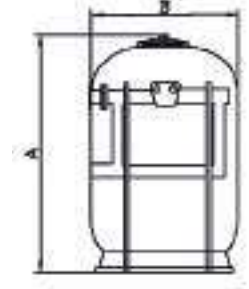
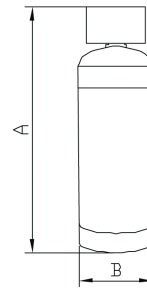
Power supply
230-110 V 50/60 Hz



See characteristics of valve
model in chapter 7



Load is delivered in separate bags.



CODE	MODEL	FLOW (m ³ /h)		SURFACE filtration (m ²)	VALVE	TANK	TANK MEA- SUREMENTS A x B mm	WEIGHT Kg
		v= 25 m/h	v= 48 m/h					
A-651299	FAP 30 A-T	1.8	2.9	0.07	K67B1 1"	12 X 52	1,514 x 307	64
A-651300	FAP 35 A-T	2.5	4.0	0.09	K67B1 1"	14 X 65	1,841 x 360	95
A-651301	FAP 50 A-T	5.6	8.9	0.21	K75A1 2"	21 X 62	2,159 x 550	226
A-651302	FAP 60 A-T	7.3	11.7	0.28	K77B1 2"	24 X 72	2,465 x 615	331
A-651303	FAP 75 A-T	11.4	18.2	0.44	K111B1 2"	30 X 72	2,150 x 780	496
A-651304	FAP 100 A-T	16.4	16.4	0.63	K112B1 DN65	36 X 72	2,150 x 918	753
A-651305	FAP 120 A-T	29.2	40.0	1.13	K96B1 DN80	48 X 72	2,270 x 1,218	1,262

Note: Dimensions and weights for guidance purposes only, consult with Sales Department.

NEW

**MAXIMUM
FILTRATION**



FAP-75T

FAP SILEX / HYDRO ANTHRACITE

- Special multilayer filters to eliminate turbidity and retain solids in suspension.
- Hydro anthracite and Silex loaded filter with gravel base.



Water temperature
5°C - 40°C



Maximum operation pressure 6 bar
(except in 5 valve batteries: 4 bar)



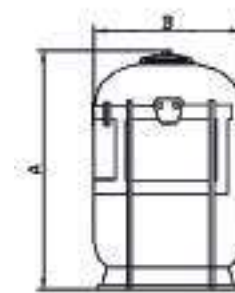
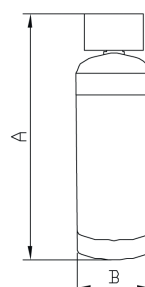
Power supply
230-110 V 50/60 Hz



See characteristics of valve
model in chapter 7



Delivered with complete load inside bottle up to model FAP 25.
Load is delivered in separate bags from model FAP 30 onwards.



CODE		MODEL	FLOW (m ³ /h)		SURFACE filtration (m ²)	VALVE		TANK	TANK MEASUREMENTS A x B mm	WEIGHT Kg
AUT	MAN		v= 10 m/h	v=15 m/h		AUT	MAN			
A-651020	A-650020	FAP-20	0.3	0.5	0.03	K67B1 TM	K56A TM 1"	08 X 35	1,074 x 205	24.3
A-651025	A-650025	FAP-25	0.5	0.8	0.05	K67B1 TM	K56A TM 1"	10 X 35	1,074 x 257	38
A-651030	A-650030	FAP-30	0.7	1.1	0.07	K67B1 TM	K56A TM 1"	12 X 52	1,514 x 307	83
A-651035	A-650035	FAP-35	0.9	1.4	0.09	K67B1 TM	K56F TM 1"	14 X 65	1,841 x 360	126
A-651050	A-650050	FAP-50	2.1	3.2	0.21	K75A1	K56D TM 1"	21 X 62	2,159 x 550	297
A-651060	A-650060	FAP-60	2.8	4.2	0.28	K75A1	K56D TM 2"	24 X 72	2,399 x 615	357
A-651075	A-650075	FAP-75	4.4	6.6	0.44	K77B1	K577BS TM 2"	30 X 72	2,465 x 780	648
A-651100	A-650100	FAP-100	6.3	9.5	0.63	K77B1	K112BS TM 2"	36 X 72	2,465 x 918	914
A-651120	A-650120	FAP-120	11	17	1.13	K112B1	K112BS TM 2"	48 X 72	2,270 x 1,218	1,618
A-651126	A-651124	FAP-140	15	23	1.53	5 Valve battery SM	5 Valve battery SM DN50	1,400 mm	1,816 x 1,400	1,633
A-651128	A-650126	FAP-160	20	30	2.01	5 Valve battery SM	5 Valve battery SM DN65	1,600 mm	1,916 x 1,600	2,195
A-651200	A-650200	FAP-200	31	47	3.14	5 Valve battery SM	5 Valve battery SM DN80	2,000 mm	2,060 x 2,000	3,655

Note: Dimensions and weights for guidance purposes only, consult with Sales Department.



FAP 20 MANUAL



FAP 75 AUTOMATIC

FAP ZEOLITE / HYDRO ANTHRACITE

- Special multilayer filters to eliminate turbidity and retain solids in suspension.
- Hydro anthracite and Zeolite loaded filter with gravel base.



Water temperature
5°C - 40°C



Maximum operation pressure
6 bar (except in 5 valve batteries: 4 bar)



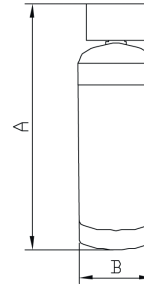
Power supply
230-110 V 50/60 Hz



See characteristics of valve
model in chapter 7



Delivered with complete load inside bottle up to model FAP 25.
Load is delivered in separate bags from model FAP 30 onwards.



CODE		MODEL	FLOW (m ³ /h)		SURFACE filtration (m ²)	VALVE		TANK	TANK MEASURE- MENTS A x B mm	WEIGHT Kg
AUT	MAN		v= 10 m/h	v=15 m/h		AUT	MAN			
A-651022	A-650021	FAP-20	0.3	0.5	0.03	K67B1 TM 1"	K56A TM 1"	08 X 35	1,074 x 205	19
A-651027	A-650027	FAP-25	0.5	0.8	0.05	K67B1 TM 1"	K56A TM 1"	10 X 35	1,074 x 257	29
A-651032	A-650031	FAP-30	0.7	1.1	0.07	K67B1 TM 1"	K56A TM 1"	12 X 52	1,514 x 307	62
A-651037	A-650039	FAP-35	0.9	1.4	0.09	K67B1 TM 1"	K56F TM 1"	14 X 65	1,841 x 360	127
A-651052	A-650051	FAP-50	2.1	3.2	0.21	K75A1 2"	K56D TM 2"	21 X 62	2,159 x 550	221
A-651062	A-650061	FAP-60	2.8	4.2	0.28	K75A1 2"	K56D TM 2"	24 X 72	2,399 x 615	277
A-651077	A-650076	FAP-75	4.4	6.6	0.44	K77B1 2" M	K577BS TM 2"	30 X 72	2,465 x 780	473
A-651101	A-650101	FAP-100	6.3	9.5	0.63	K77B1 TM 2"	K112BS TM 2"	36 X 72	2,465 x 918	700
A-651130	A-650016	FAP-120	11	17	1.13	K112B1 SM DN65	K112BS SM DN65	48 X 72	2,270 x 1,218	1.218
A-651131	A-650017	FAP-140	15	23	1.53	5 Valve bat- tery SM DN50	5 Valve battery SM DN50	1,400 mm	1,816 x 1,400	1,233
A-651132	A-650018	FAP-160	20	30	2.01	5 Valve bat- tery SM DN65	5 Valve battery SM DN65	1,600 mm	1,916 x 1,600	1,645
A-651133	A-650019	FAP-200	31	47	3.14	5 Valve bat- tery SM DN80	5 Valve battery SM DN80	2,000 mm	2,060 x 2,000	2,730

Note: Dimensions and weights for guidance purposes only, consult with Sales Department.



FAP 60 MANUAL



FAP 60 AUTOMATIC

AUTOMATIC IRON REMOVER

- Pyrolusite and Silex multilayer filter.
- Use of regenerating solution not required.
- Special high performance filtration that can treat waters with iron concentrations of up to 5 mg/l and manganese of up to 1 mg/l.
- In high Fe concentrations, work at pH 7.2.
- Ideal pH balance of 7.8 to eliminate Mn, minimum 7 units.
- If there is ammonia and H₂S in the water, adequate aeration is recommended.
- In the event of high Fe and Mn and/or in combination with organic compounds, prior dosing with chlorine is recommended.



Maximum water temperature 45°C



Maximum operating pressure: 6 bar.



Power supply:
220-110 V 50/60 Hz



See characteristics of valve model in chapter 7



Load is delivered in separate bags



FE 50 AUTOMATIC

CODE	MODEL	FLOW Min.* (m ³ /h)	FLOW Max. (m ³ /h)	DIAM. COUPLINGS	AREA FILTRATION m ²	VALVE	TANK	MEASURE- MENTS A x B mm	WEIGHT Kg
A-530512	FE-30 A	0.7	1.1	1" TM	0.07	K67B1	12 X 52	1,540 x 336	120
A-530514	FE-40 A	1.3	1.9	1" TM	0.13	K67B1	16 X 65	2,170 x 461	290
A-530515	FE-50 A	2.2	3.4	2" TM	0.22	K75A1	21 X 62	2,180 x 616	460
A-530516	FE-60 A	2.9	4.4	2" TM	0.29	K75A1	24 X 72	2,440 x 765	750
A-530517	FE-75 A	4.6	6.8	2" TM	0.46	K77B1	30 X 72	2,470 x 920	1,090
A-530518	FE-100 A	6.6	9.9	2" TM	0.66	K111B1	36 X 72	2,300 x 1,067	1,315
A-530519	FE-120 A	11.7	17.5	DN65	1.17	K112B1	48 X 72	2,250 x 1,230	2,400

*Minimum recommended flows for ideal equipment operation.

Note: Dimensions and weights for guidance purposes only, consult with Sales Department.
For larger items of equipment, consult with the Sales Department.

BIBLOCK DECHLORINATOR MANUAL / AUTOMATIC

- Dechlorinating equipment to eliminate free chlorine and organic water contaminants.
- Supplied with highly absorbent coconut shell activated carbon.



Water temperature
5°C - 40°C



Maximum operating pressure: 6 bar.



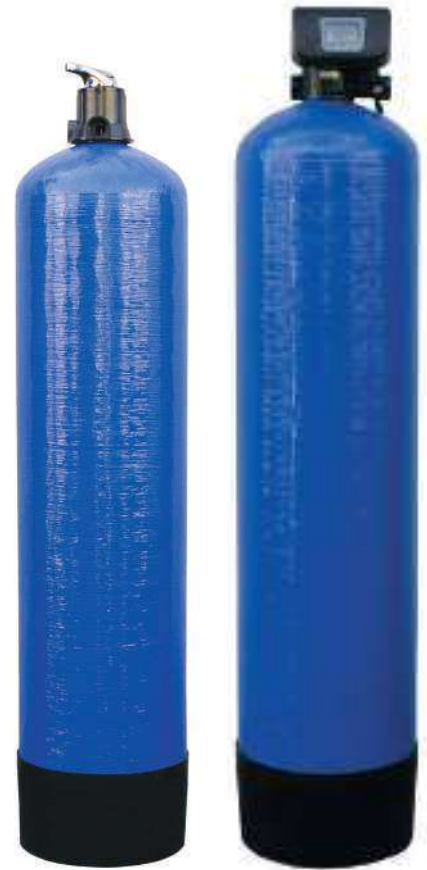
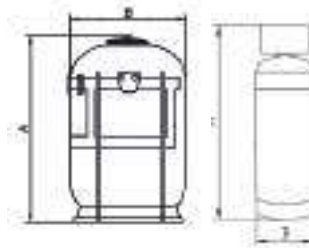
Power supply
230-110 V 50/60 Hz



See characteristics of valve model
in chapter 7



Delivered with complete load inside bottle up to model CA 300. Load is delivered in separate bags from model CA 400 onwards.



CA-600 MANUAL

CA 750 AUTOMATIC

CODE		MODEL	FLOW (m ³ /h)	ACTIVE C. (L)	SURFACE filtration (m ²)	VALVE		TANK	TANK MEASURE- MENTS A x B mm	WEIGHT Kg
AUT	MAN					AUT	MAN			
A-530000	A-530100	CA-85	0.69	8.5	0.03	K67B1 TM 1"	K56E TM 3/4"	08 x 17	619 x 205	11
A-530001	A-530101	CA-120	1	12	0.05	K67B1 TM 1"	K56E TM 3/4"	10 x 17	629 x 257	15
A-530003	A-530103	CA-200	0.69	20	0.03	K67B1 TM 1"	K56A TM 1"	08 x 35	1,074 x 205	18
A-530004	A-530104	CA-300	1	30	0.05	K67B1 TM 1"	K56A TM 1"	10 x 35	1,089 x 257	25
A-530005	A-530105	CA-400	1	40	0.05	K67B1 TM 1"	K56A TM 1"	10 x 44	1,309 x 257	32
A-530006	A-530106	CA-500	1	50	0.05	K67B1 TM 1"	K56A TM 1"	10 x 54	1,567 x 257	38
A-530007	A-530107	CA-600	1.5	60	0.08	K67B1 TM 1"	K56A TM 1"	12 x 48	1,399 x 307	46
A-530008	A-530108	CA-750	1.8	75	0.09	K67B1 TM 1"	K56A TM 1"	13 x 54	1,579 x 334	56
A-530009	A-530109	CA-1000	2	100	0.10	K67B1 TM 1"	K56A TM 1"	14 x 65	1,849 x 360	76
A-530012	A-530112	CA-1400	2.6	140	0.13	K67B1 TM 1"	K56A TM 1"	16 x 65	1,849 x 410	98
A-530013	A-530113	CA-2000	3.2	200	0.17	K75A1 TM 2"	K56D TM 2"	18 x 65	2,079 x 465	144
A-530014	A-530114	CA-2500	4.4	250	0.23	K75A1 TM 2"	K56D TM 2"	21 x 62	2,159 x 550	183
A-530015	A-530115	CA-4000	5.8	400	0.30	K75A1 TM 2"	K56D TM 2"	24 x 72	2,399 x 615	300
A-530016	A-530118	CA-5600	9.2	560	0.46	K77B1 TM 2"	K77 BS TM 2"	30 x 72	2,465 x 780	413
A-530017	A-530117	CA-13000	23.4	1,300	1.19	K112B1 SM DN65	K112BS SM DN65	48 x 72	2.270 x 1.218	1038

Note: Dimensions and weights for guidance purposes only, consult with Sales Department.

- Equipment designed to eliminate arsenic by absorption with highly selective metal oxides.
- This equipment is effective for concentrations up to 100 ppb and can reduce arsenic to values below 10 ppb.
- Optimal performance in a pH range between 6-7.
- Absorption capacity from 6.3 kg As up to 14 kg As.
- Useful for reduction (by absorption or co-precipitation) of: Phosphates, Antimony, Copper, Lead, Selenium, Uranium, Molybdenum.
- Does not require regeneration.

ABSORBER RESIDENTIAL

- Equipment for supplying housing ranging from one-family units to groups of residences.



Water temperature 5°C
- 45°C



Maximum operating pressure: 6 bar.



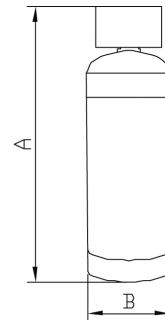
Power supply
230-110 V 50/60 Hz



See characteristics of valve
model in chapter 7



Load is delivered in separate bags



ABSORBER 4A

CODE	MODEL	FLOW max. (m ³ /h)	DIAM. COUPLINGS	MODEL VALVE	LOAD Kg	ARSENIC RETENTION (g)	TANK	MEASURE- MENTS A x B mm	WEIGHT Kg
A-860001	1A	0.7	1" TM	K67B1	32	288	12 X 48	1,399 x 307	50
A-860002	2A	0.7	1" TM	K67B1	35	315	12 X 52	1,514 x 307	53
A-860003	3A	1.2	1" TM	K67B1	65	585	14 X 65	1,841 x 360	90
A-860004	4A	1.4	1" TM	K67B1	78	702	16 X 65	1,849 x 410	113
A-860009	5A	2.7	2" TM	K75A1	140	1,260	21 X 62	2,159 x 550	201
A-860010	6A	3.8	2" TM	K75A1	200	1,800	24 X 72	2,399 x 615	302
A-860011	7A	5.9	2" TM	K77B1	300	2,700	30 X 72	2,465 x 780	463
A-860012	10A	8.5	2" TM	K77B1	450	4,050	36 X 72	2,575 x 918	689

Note: Dimensions and weights for guidance purposes only, consult with Sales Department.

MUNICIPAL ABSORBER

- Automatic equipment for supplying small municipalities.



Water temperature
5°C - 45°C



Power supply
230-110 V 50/60 Hz



Load is delivered in separate bags



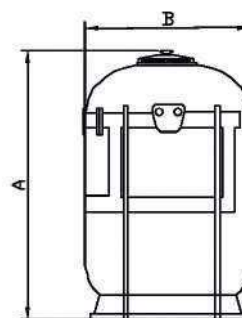
Maximum operation pressure 6 bar
(except in 5 valve batteries: 4 bar)



See characteristics of valve model
in chapter 7



ABSORBER 18A



CODE	MODEL	FLOW max. (m ³ /h)	DIAM. COUPLINGS	MODEL VALVE	LOAD Kg	RETENTION OF ARSENIC (Kg)	TANK	MEASURE- MENTS A x B mm	WEIGHT Kg
A-860023	18A	11.6	DN65 SM	K112B1	600	5.4	42 X 72	2,270 x 1,088	902
A-860024	25A	14	DN65 SM	K112B1	775	7.0	48 X 72	2,270 x 1,218	1,184
A-860025	32A	20.1	DN65 SM	5 valve battery	1,025	9.7	1,600 mm	1,816 x 1,600	1,665
A-860026	40A	28	DN65 SM	5 valve battery	1,475	13.3	1,800 mm	1,916 x 1,800	2,255
A-860027	50A	34.6	DN80 SM	5 valve battery	1,800	16.2	2,000 mm	2,060 x 2,000	2,800

Note: Dimensions and weights for guidance purposes only, consult with Sales Department.

CONSUMABLES

CODE	MODEL	UNIT per box	MEASURE-MENTS mm	WEIGHT Kg
A-850312	Hydro anthracite	1	N.P.	25 kg bag



CODE	MODEL	UNIT per box	MEASURE-MENTS mm	WEIGHT Kg
A-850313	Silex	1	N.P.	25 kg bag



CODE	MODEL	UNIT per box	MEASURE-MENTS mm	WEIGHT Kg
A-850083	Zeolite	1	N.P.	20 kg bag



CODE	MODEL	UNIT per box	MEASURE-MENTS mm	WEIGHT Kg
A-850314	Pyrolusite	1	N.P.	25 kg bag



CODE	MODEL	UNIT per box	MEASURE-MENTS mm	WEIGHT L
C-900450	Turbidex®	1	N.P.	28 L bag



CODE	MODEL	UNIT per box	MEASURE-MENTS mm	WEIGHT Kg
A-850306	Activated carbon	1	N.P.	25 kg bag



CODE	MODEL	UNIT per box	MEASURE-MENTS mm	WEIGHT Kg
A-850307	Silver impregnated activated carbon	1	N.P.	25 kg bag



CODE	MODEL	UNIT per box	MEASURE-MENTS mm	WEIGHT Kg
A-860030	Absorber to eliminate arsenic	1	N.P.	27 L bag



ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNIT per box
C-254491	Valve adaptor neck + spanner for 1" and ¾" valves	1
C-308004	Side assembly adaptor K74/75/77 2"	1



CODE	MODEL	UNIT per box
C-713279	KERAMIS valves interconnection cable	1



CODE	MODEL	UNIT per box
C-713310	KERAMIS O-ring + filter ¾"	1
C-713311	KERAMIS O-ring + filter 1"	1






CODE	MODEL	UNIT per box
C-713228	2 ½" valves O-ring	5



Note: For more specific accessories and spare parts, contact our Technical Support. For accessories and spare parts for vessels, go to chapter 14.

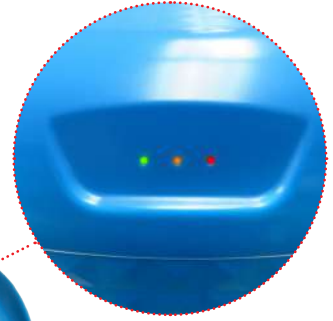
3 DOMESTIC PURIFICATION

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- We design smaller and more efficient plants that always respect the environment.
- We offer purification services that most effectively solve the needs of each home.
- All combined with a customer help service the competition can hardly keep up with.



150 gallon membrane



LED operation lights



Easy to open with clips.



Equipment connected via Bluetooth® to a smartphone application where the user can check the equipment status.



For suitable cleaning and sanitising of domestic osmosis equipment, we recommend our range of KALAPHOS products. Find more information about them in chapter 13, CHEMICAL PRODUCTS

- The benefits of hydrogenated water are innumerable.
- The latest studies have confirmed that consuming hydrogen in water is effective against oxidation, prevents inflammation and protects cells, thus reducing the effects of free radicals in your body



- Adds hydrogen to the water using an electrical process.
- Modern, ergonomic design.
- Small and portable.

HYDROGEN

Experience



- Adds magnesium and hydrogen to water.
- Installation behind an reverse osmosis unit is recommended.
- Raises the pH to obtain an alkaline water that is ideal for the body.

HYDROGEN-RICH WATER MAKER BOTTLE

NEW

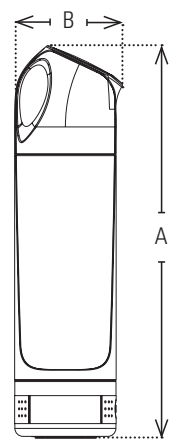


- Portable hydrogeniser bottle that enriches water with hydrogen.
- Hydrogen helps to neutralize free radicals, thus creating an antioxidant effect.
- Ergonomic spout and cup-shaped cap.

- LED** LED screen that provides information about battery status
- ORP** Potential redox: -150mV ~ - 400mV
- Charger:** DC 5V/2A
- Capacity** 500 mL
- Warning:** Only for use with uncarbonated drinking water

- Battery:** Duration of battery: 2-3 hours
- PC** Polycarbonate tank.
- ABS** ABS plastic lower part and cap.
- Electrolytic time:** 5 minutes
- FDA** and **RoHS Compliant** logos

CODE	MODEL	UNITS per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-714097	Hydrogen-rich water making tank	20	270 x 70	0.31



- Increase well being**
- Adding hydrogen to water is the ideal complement to a healthy diet and moderate daily exercise. Hydrogenated water has an antioxidant effect that delays the effects of ageing.
 - Its small size makes it perfect for use anywhere and to feel the benefits of the very best water.

HYDROGEN-RICH WATER MAKER FILTER HYDROGENATOR

- Revolutionary hydrogenating post-filter that adds hydrogen and magnesium to water.
- Installation behind an reverse osmosis unit is recommended.
- Hydrogenated has an antioxidant effect that reduces the free radicals responsible for ageing.
- Alkaline water encourages elimination of acid wastes produced naturally in the digestion process.
- Adds magnesium, essential for many functions in the human body.

ORP

Potential redox:
-500 mV ~ -750 mV

pH

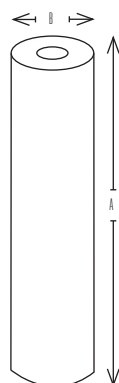
Raises the pH to obtain an alkaline,
hydrogen-rich water



Coupling:
1/4" thread

PP

Casing made of Polypropylene
PP-K8003



NEW



CODE	MODEL	UNITS per box	MEASUREMENTS A x B mm	WEIGHT Kg
C-950271	Hydrogenator filter	30	50 x 260	0.34



Functions of Magnesium in body

- Helps to maintain healthy teeth, heart and bones.
- Participates in energy metabolism, in activating enzymes that release glucose.
- Encourages protein formation.
- Forms part of the bone structure.
- Plays a part in nerve contraction and transmission.

SHOWER

- Active carbon cartridge (eliminates chlorine and unpleasant smells) + KDF (dechlorinates and also eliminates ions and heavy metals such as zinc, mercury, copper and cadmium).
- Especially designed for use in shower and bath faucets.
- Easy to install.



Water temperature
4°C - 60°C



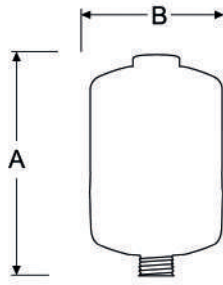
- Operating pressure:
0.35 to 6,2 bar.



ABS plastic casing.



Flow:
228 litres/hour



Chrome-plated shower



White shower

CODE	MODEL	UNITS per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-115001	White shower	50	150 x 106	0.33
A-115002	Chrome-plated shower	50	150 x 106	0.33



All the benefits of a water without chlorine:

- Prevents unpleasant smells caused by chlorine.
- Eliminating the chlorine keeps your skin moisturised, elastic and free of microbes (the KDF has a bacteriostatic effect)
- Firmer, more moisturised hair.

FONTANILLA SINK TOP (ST)

- Dechlorinating and/or Semi-Softening Filter.
- Specially designed for single point of use.
- Filter cartridge with activated carbon and/or softening resins.
- Dedicated brine fill plug.
- Fastener/quick connector to faucet

Over
a million
units
sold



Water temperature 5°C
- 40°C



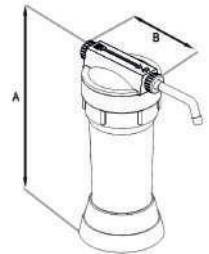
- Operating pressure: 0.5
to 4 bar.



Does not require
electricity

F1 : 100% Dechlorination
F2: 30% Dechlorination 70% Softening
F3: 50% Dechlorination 50% Softening

CODE	MODEL	COUPLING	CARTRIDGE HEIGHT	UNIT per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-100028	F1	¾" M	9 ¾"	1	305 x 250	1,750
A-100029	F2	¾" M	9 ¾"	1	305 x 250	1,750
A-100030	F3	¾" M	9 ¾"	1	305 x 250	1,750



CONSUMABLES

CODE	MODEL	UNITS per box
A-301000	Cartridge F1	10
A-302000	Cartridge F2	10
A-303000	Cartridge F3	10



ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNITS per box
B-312005	Adaptor	10
B-100002	Head	1
B-327001	Hose 0.70 m	10
B-312000	Faucet kit	10
C-310003	Flat O-ring ¾"	25
C-310004	Flat O-ring ½"	25
C-100017	O-ring 104.4 x 3.53	10
B-272000	American Kit	10
C-100003	Stand	1
C-100004	Support	1
C-311007	Faucet nut	1
C-100002	Vessel	1



Adaptor



Head



Hose



Faucet kit



O-ring



American kit



Stand



Support



Nut



Vessel

FONTANILLA SINK BASE (SB)

- Under-sink installation.
- Connection 3/4" gas H thread (includes MH reducer 3/4" - 1/4").
- Connection KIT includes dispenser faucet and connection accessories.



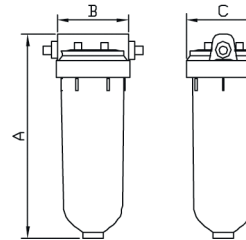
Water temperature 5°C - 35°C



Operating pressure: 1-8 bar



Does not require electricity



CODE	MODEL	HEIGHT CARTRIDGE	FLOW max. (m³/h)	UNITS per box	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-195100	BF C/ KIT Coupling	9 3/4"	0.25	6	340 x 160 x 105	1.8
A-195101	BF S/ KIT Coupling	9 3/4"	0.25	6	340 x 160 x 105	1.8

CONSUMABLES

CODE	MODEL	UNITS per box
A-718020	Active Carbon Cartridge 9 3/4"	10



ACCESSORIES AND SPARE PARTS



O-ring



Coupling of 6.35 mm to 1/4"



Reducer 3/4" M to 1/4" H



Pressure regulator 1/4" to 3.5 bar



Wall support



Opaque vessel

CODE	MODEL	UNITS per box
B-195001	Head	1
C-185020	90 x 4 o-ring	5
C-185013	Vessel spanner	1
C-255180	Coupling of 6.35 mm to 1/4"	5

CODE	MODEL	UNITS per box
C-111005	Reducer of 3/4" M to 1/4" H	5
A-254606	Pressure regulator 1/4" to 3.5 bar	5
C-195009	CV2 metal wall support	1
C-185015	Opaque vessel	1

AQUASANA SINK BASE (SB)

- Highly effective triple effect filter with separate beds.
- Specially for use in the home, catering, vending, etc.
- Includes spanner for filter maintenance.
- Easy sink base installation.



Water temperature 5°C
- 40°C



Does not require
electricity



CODE	MODEL	UNIT per box	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-190025	Aquasana S + CAg + UF + G3V	1	330 x 400 x 85	2.9
A-190030	Aquasana S + CAg + UF + Press. Reg. 2.5 bar + GP	1	330 x 400 x 85	2.9
A-190014	Aquasana S + CA + Ckdf + Press. Reg. 3.5 bar + GP	1	330 x 400 x 85	2.4
A-190016	Aquasana vending S + CSPH + AC + Press. Reg. 3.5 bar + GP	1	330 x 400 x 85	2.4

S = Sediment.

AC = Granular Activated Carbon (dechlorinator).

UF = Ultrafiltration membrane (acts as a barrier to viruses, bacteria and particles).

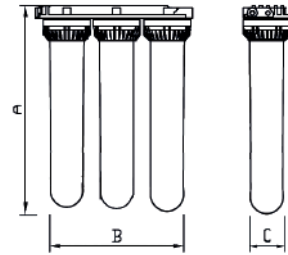
CSPH = Active Carbon with Silicophosphates (dechlorinator and anti-scalant).

CAg = Carbon with bacteriostatic effect (prevents internal contamination).

Ckdf= Carbon with bacteriostatic effect (eliminates heavy metals, sulphurs, iron and chorine).

3WT = 3-way faucet

PT= Pressurised faucet



CONSUMABLES AND SPARE PARTS



CODE	MODEL	UNITS per box
A-250035	Triple head	10
A-190037	Activated carbon + siliphos cartridge	25
A-290020	Activate carbon + silver cartridge	25
A-250700	Activated carbon cartridge	25
A-190048	Activated carbon + KDF cartridge	25
A-250500	5 micron sediment cartridge	25
C-190010	Aquasana 3-way faucet	1
C-190018	Pressurised faucet	1

CODE	MODEL	UNITS per box
C-255105	Quadring O-ring 56.74 x 3.53	5
C-190007	Aquasana vessel spanner	10
A-250033	Ultrafiltration membrane	5
C-254014	Head nut	30
C-255120	Vessel without label	1
A-255116	UF membrane vessel	1
A-255117	Carbon vessel	1
A-255120	Sediment vessel	1

OSMOTIC SMART CONCEPT

- Exclusive CORSA 4 stage system for producing excellent quality, pH alkaline water. Balanced, high performance water that is free of viruses and chemical contaminants.
- Includes entry electrovalve and membrane flushing.
- Filtration cartridges and O.I. membrane specially designed for the unit.
- Includes installation kit with PE couplings and tubes.
- External programmer to personalise unit.
- 5-mode system failure sound and light signals.
- Electronic tank level monitoring with 3 levels (minimum, maximum and safety)
- Continuous water quality measurement.
- Electric probe to detect water leaks and close inlet e.v.
- Maintenance warning signal.
- Operational voltage: 12 VDC.



Produces 8 litres/hour (up to 200 litres a day)



Unpressurised storage tank for 8 useful litres.



Aquastop: electric probe that detects humidity and closes inlet electrovalve



Dispenser faucet with operating and water quality indicator lights



pH+ re-mineraliser filter that provides plant-based calcium and magnesium



Electrical safety Class II (double insulation)



Maximum salinity (TDS): 1,500 mg/l



Operating temperature 4 -45°C



Disinfection by programmable U.V.-C 14W lamp inside the tank



Incorporated pressure regulator



Operating pressure: 2.5 to 6 bar



Power supply 230V/50V 50 Hz



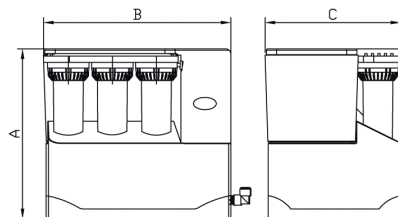
All the parts that come into contact with water are made of bacteriostatic material that prevents the proliferation of viruses and bacteria



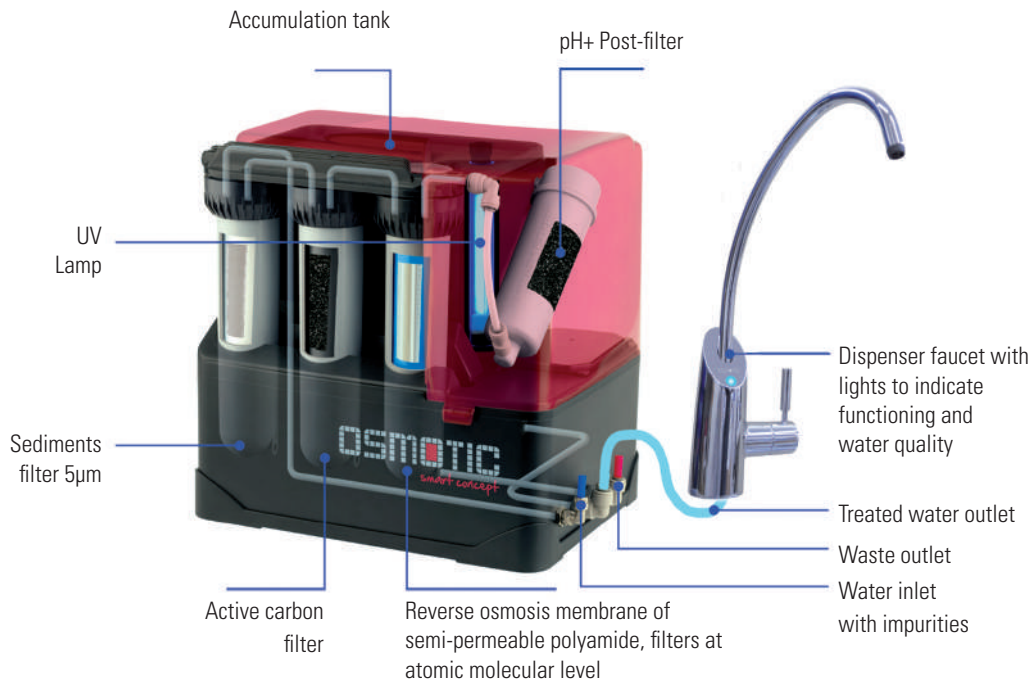
Programmable membrane self-cleaning



Continuous parameter control with microprocessor every 36 seconds, with warning lights and sound alarms for empty tank, humidity detector, maintenance, etc.



CODE	MODEL	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-255000	Osmotic Smart Concept	32	355 x 350 x 260	6.5
A-255008	Osmotic Smart Concept with mixer and anti-arsenic	40	355 x 350 x 260	6.5
A-255009	Osmotic with booster pump	32	355 x 350 x 260	6.5



Alkaline pH



Anti-bacteria

Ultraviolet
Anti-bacteriaWarning
sound
and lightCapacity
membrane
Anti-bacteriaRestriction
of hazardous
substancesFree of
BPA

CONSUMABLES

CODE	MODEL	UNITS per box
A-255500	Sediment Cartridge 5 µm orange V14	25
A-255700	Activated Carbon Cartridge green V14	25
A-250603	Membrane Inv. Osmosis 200 l/d (75GPD)	25
A-251050	Standard P3 mineralisation post-filter	20
A-251051	Plus P4 mineralisation post-filter	20
A-251053	P6 arsenic refining post-filter	20
A-251047	P0 post-filter (silver carbon only)	20
A-251048	P1 post-filter*	20
A-251049	P2 post-filter*	20
A-251052	P5 post-filter (active carbon only)	20
A-251333	UV 14w + Quartz OS lamp	10



* The post-filter contain less pH+ load than the standard P3 post-filter

ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNITS per box
C-255067	Auxiliary tray	10
A-253071	Osmotic Pump	40
A-255013	Triple head (1 spout)	10
A-255711	Triple head (2 spouts)	10
A-255233	Anti-humidity circuit + cables	1
C-255010	Tank	5
C-255011	Tank cap	5
A-250020	Entry electrovalve + filter	25
A-254043	Flushing electrovalve + filter	25
A-254044	Flushing electrovalve + PVC nut + filter	25
A-254055	Electric 3-way faucet	1
A-254056	V15 Osmotic faucet with lever	1
A-254057	V15 short faucet	1
C-253031	Auxiliary pump interface	1
C-254062	Pump refrigerator interface	1
C-255105	Quadring O-gasket 56.74 x 3.53 mm	10
C-253089	Drain connection kit	20
A-255017	Kit Osmotic V14 installation kit	1
C-255508	3/8" three-way spanner	1
E-970000	American osmotic refrigerator kit	1
C-190007	Vessel spanner	10
C-254001	Generic Osmotic Programmer	1
A-254606	Pressure regulator 1/4" tare at 3.5 bares	5
A-251016	3 position level probe	10
C-255024	Base cap	5
C-255018	Osmotic Base	1
A-251334	230 VAC to 12 VDC transformer	10
C-322017	White 8 mm tube (150 m per box)	1
C-322015	Black tube 1/4" (300 m per box)	1
C-322013	Red PE tube 1/4" (300 m per box)	1
C-255014	Vessel nut	30
A-255113	Sediment vessel	25
A-255115	Membrane vessel	25
A-255114	Carbon vessel	25



Auxiliary tray



Osmotic Pump



Triple head

Anti-humidity circuit
+ cables

Tank



Entry electrovalve



Electric 3-way faucet

V15 Osmotic faucet
with leverAuxiliary pump
interfacePump refrigerator
interface

O-ring

3/8" three-way
spanner

Drain connection kit

Generic Osmotic
Programmer

Vessel spanner



Level probe



Pressure regulator



Transformer



Base cap



Vessel nut



White tube



Membrane vessel

MIAWA

- State of the art compact water purification system.
- Users can check the equipment status via a Bluetooth connection and see it in an application available for smartphones.
- Equipment performance 1 : 1 in ideal conditions*



Water temperature 5°C
- 35°C



Operating pressure:
2-2 bar



Produces 20 litres/hour
(up to 480 litres a day)



Unpressurised storage tank
for 5 useful litres.



Continuous control of parameters by
microprocessor with warning sounds
and lights: empty tank, leak detector,
maintenance, etc.



External casing made of high quality
ABS plastic and polypropylene tank.
Food-grade plastic.

* Intake pressure: 3.5 bar
Input temperature: >20°C
TDS input: <400 ppm



Maximum salinity (TDS):
1,500 mg/l



Disinfection by programmable
U.V.-C 14W lamp inside the tank



-Electrical safety Class II
(double insulation)



Input: AC100-240V, 50/60Hz
Output: DC24V 4A



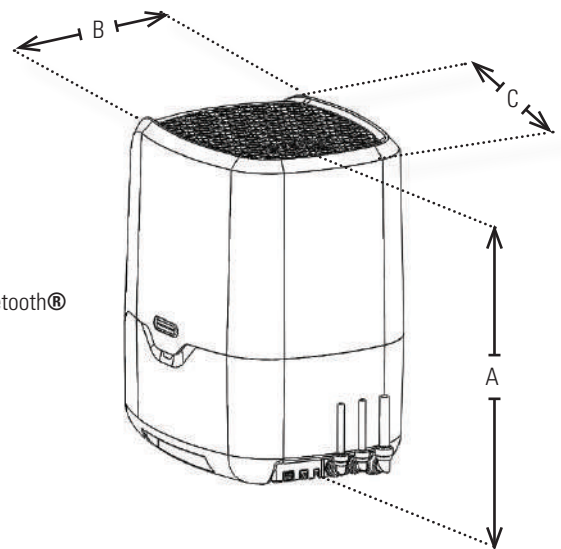
pH+ re-mineraliser filter that
provides plant-based calcium
and magnesium



Safety sensors-elements for leaks,
level probe and pressure switch



Application for smartphone
Check status of equipment via a
smartphone application with a Bluetooth®
connection.



CODE	MODEL	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-252000	Miawa without pump with ultraviolet	24	398 x 270.5 x 341	7.08
A-252001	Miawa with pump and ultraviolet	24	398 x 270.5 x 341	8.86

CONSUMABLES

CODE	MODEL	UNITS per box
C-950247	Encapsulated sedimente filter type U - 1/4"	25
C-950246	Encapsulated carbon filter type U - 1/4"	25
C-253224	150 GPD pressurised osmosis membrane	25
A-900050	Spout remineralisation post-filter I - 5/16"	20
A-251333	UV 14w + quartz lamp	10



ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNITS per box
C-252031	1/4" spout membrane holder + cap + O-ring (1812)	20
A-252018	Packaged 24 VDC 2A pump	40
A-252019	Complete tropicalised main circuit	1
A-252020	Programmer for SAT	1
A-252021	Packaged level probe	10
A-254059	Electric 3-way mixer faucet without logo	1
A-254606	1/4" pressure regulator (not included in unit)	5
B-252001	Chrome Miawa faucet	1
B-252003	Set of circuit cables	1
C-200002	Fitting extraction spanner 1/4"	1
C-250131	Transformer 24V 4A Jack 5.5 x 2.1 mm	1
C-252004	PCB 3 tropicalised frontal LEDs	1
A-252022	Main tropicalised circuit without cables	1
C-252006	Upper ABS cap	1
C-252007	Lower ABS base	1
C-252008	PP 5L tank	1
C-252009	Main circuit PP protection cap	1
C-252010	5L tank PP cap	1
C-252015	3 LEDs reflector piece	1
C-252016	External connection tropicalised circuit	1
C-252018	EV Flushing tube 0.55 mm 2/2 NC 24VDC 1/4" tube	25
C-252019	Booster pump tube 1/4" 150 GPD s/transformer	1
C-252028	Spanner for membrane holder 1812	1
C-253019	Knitted stainless steel filter 8 x 4.7 mm	25
C-253089	Drain connection kit	20
C-253105	1/4" pressurised inlet pressure switch	1
C-255508	Three-way spanner 3/8 - 2/8 - 3/8	10
C-603006	TDS meter	1
A-252023	Miawa booster pump kit	1
C-950019	24VDC input electrovalve	25



ESSENTIAL

- 5 stage pressurised system to produce water with low salt content, without viruses or chemical contaminants.
- Sink base installation.



Water temperature 5°C
- 40°C



Does not require electricity
(except for models with pump)



Faucet included



Produces 8 litres/hour
(up to 200 litres a day)



Maximum salinity (TDS):
1,500 mg/l



Pressurised accumulation tank
of 2.0 GPD

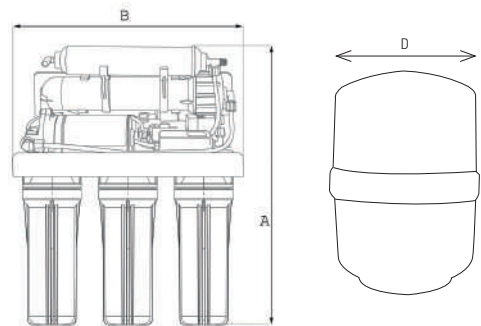


Inlet pressure with pump:
1 - 3 bar



Inlet pressure without
pump: 2.5 - 6 bar

- 1st Stage: 5 microns sediment filter.
2nd Stage: Granulated active carbon filter.
3rd Stage: CTO Block Carbon Filter
4th Stage: Reverse Osmosis 75 GPD.
5th Stage: Active Carbon Post-Filter.

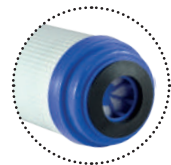
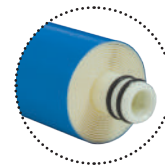


CODE	MODEL	UNITS per pallet	MEASUREMENTS (mm) A x B x C		WEIGHT Kg
			D*		
A-253106	ESSENTIAL	24	450 x 360 x 180	250	10
A-253107	ESSENTIAL WITH PUMP	24	450 x 360 x 180	250	11

* D= Tank diameter.

CONSUMABLES

CODE	MODEL	UNITS per box
C-340005	5 micra 10" spun sediment filter	18
C-253082	Activated carbon filter 10"	25
C-253116	CTO Carbon Block Filter 10"	12
C-253079	Pressurised post-filter	25
A-253133	75 GPD Pressurised Membrane	25
A-340004	3 filter kit (sediments + 2 A.C.)	10



Note: For accessories and spare parts, consult multibrand spare part section.

COLOURS

- 4 stage pressurised system to produce water with low salt content, without viruses or chemical contaminants.
- Small size with cap on top.
- Disposable filters with connection to bayonet.
- Includes installation kit with PE couplings and tubes.



Water temperature 5°C - 40°C



Does not require electricity



Operating pressure: 2,5-2 bar



Produces 8 litres/hour (up to 200 litres a day)



Faucet included



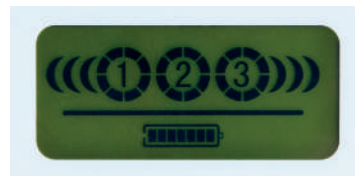
Pressurised accumulation tank of 3.0 GPD



Maximum salinity (TDS): 1,500 mg/l



LCD screen that provides information about filter consumption

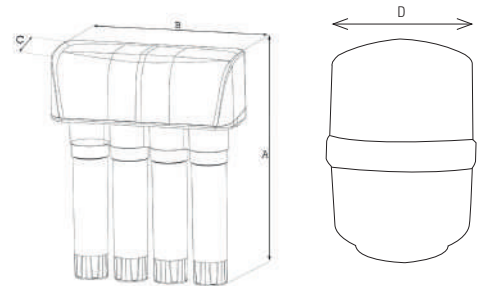


LCD DISPLAY that runs of AA batteries (3)

- 1st Stage: Granulated active carbon filter.
- 2nd Stage: 1 micron sediment filter.
- 3rd Stage: Reverse Osmosis Membrane. 75GPD
- 4th Stage: Active Carbon Post-Filter.

CODE	MODEL	UNITS per pallet	MEASUREMENTS (mm)		WEIGHT Kg
			A x B x C	D*	
A-253108	COLOURS	32	350 x 330 x 120	250	9

* D= Tank diameter.



CONSUMABLES

CODE	MODEL	UNITS per box
C-253156	1 micra 10" spun sediment bayonet filter	20
C-253155	Granulated Active Carbon Filter GAC 10" bayonet	20
C-253157	75 GPD Pressurised Membrane bayonet	20
C-253158	Pressurised post-filter bayonet	20



Note: For accessories and spare parts, consult multibrand spare part section.

NERTUS

- Compact 5-stage pressurised system to produce water with low salt content, without viruses or chemical contaminants.
- Includes installation kit with PE couplings and tubes.



Water temperature 5°C
- 40°C



Power supply:
100-240 VAC 50H/60H.



Intake pressure
2.5-2 bar



Produces 8 litres/hour
(up to 200 litres a day)



Faucet included



Pressurised accumulation
tank of
3.2 GPD



Maximum salinity (TDS):
1,500 mg/l



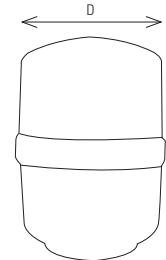
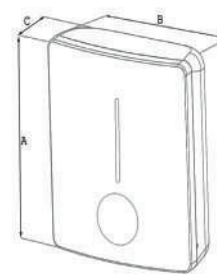
LED screen that provides
information
about filter consumption

- 1st Stage: 5 microns sediment filter.
2nd Stage: GAC active carbon filter.
3rd Stage: CTO active carbon filter.
4th Stage: Reverse Osmosis Membrane 75GPD.
5th Stage: GAC Active Carbon Post-Filter.

CODE	MODEL	UNITS per pallet	MEASUREMENTS		WEIGHT Kg
			A x B x C mm	D*	
A-253301	NERTUS WITHOUT PUMP	15	500 x 310 x 130	230	7.2
A-253302	NERTUS WITH PUMP	15	500 x 310 x 130	230	8.2



LED DISPLAY



CONSUMABLES

CODE	MODEL	UNITS per box
C-253321	Encapsulated prefilter sediment 5 µm in I 1/4" D60	25
C-253322	Encapsulated prefilter GAC in I 1/4" long D60	25
C-253328	Encapsulated prefilter CTO in I 1/4" long D60	25
C-253323	Encapsulated post-filter GAC in I 1/4" long D50	25
A-253133	75 GPD Pressurised Membrane	25
A-253319	Nertus Pressurised 10 year kit	1



Note: For accessories and spare parts, consult multibrand spare part section.

NERTUS DIRECT

- Compact 4-stage direct osmosis system to produce water with salt content, without viruses or chemical contaminants.
- Includes installation kit with PE couplings and tubes.



Water temperature 5°C - 40°C



Power supply: 100-240 VAC 50H/60H.



Intake pressure 1 - 5 bar



Production up to 2,160 litres/day



Faucet included



Without tank



Maximum salinity (TDS): 1,500 mg/l



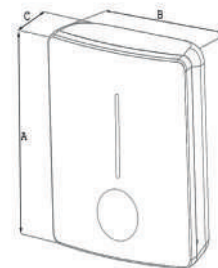
LED screen that provides information about filter consumption

- 1st Stage: G.A.C. filter.
- 2nd Stage: 5 microns sediment filter
- 3rd Stage: Inversis Osmosis Membrane up to 600 GPD
- 4th Stage: Active Carbon Remineralisation Post-Filter.

CODE	MODEL	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-253300	NERTUS DIRECT POST-FILTER AC	60	500 x 310 x 130	8.2
A-253304	NERTUS DIRECT POST-FILTER REM P3	36	500 x 310 x 130	8.2



LED DISPLAY



CONSUMABLES

CODE	MODEL	UNITS per box
C-253321	Encapsulated prefilter sediments 5 microns ¼" D60 type I	25
C-253322	Encapsulated prefilter GAC 60 microns ¼" D60 type I	25
A-900050	Re-mineralisation post-filter with spout type 1	25
C-253323	Encapsulated post-filter GAC in I 1/4" long D50	25
C-270013	Membrane for Nertus Direct up to 600 GPD	16
A-253320	Nertus Direct 10 year kit	1



Note: For accessories and spare parts, consult multibrand spare part section.

ENCAPSULATED

Inlet and outlet in I with thread

CODE	MODEL	COUPLING	Height x Diameter	UNITS per box
C-253099	Sediment cartridge type I thread	1/4" H	60 mm x 10"	20
A-253100	Activated carbon cartridge type I thread	1/4" H	60 mm x 10"	20
C-253079	Post-filter type I thread	1/4" H	50 x 10 mm	25



Inlet and outlet in I with spout

CODE	MODEL	COUPLING	Height x Diameter	UNITS per box
C-950249	Sediment cartridge type I spout	1/4"	60 mm x 10"	30
C-950250	Activated carbon cartridge type I spout	1/4"	60 mm x 10"	30
C-950255	Post-filter type I spout	1/4"	60 mm x 10"	30



Inlet and outlet in U with spout

CODE	MODEL	COUPLING	Height x Diameter	UNITS per box
C-950247	Sediment cartridge type U spout	1/4"	60 mm x 10"	30
C-950246	Activated carbon cartridge type U spout	1/4"	60 mm x 10"	30
C-950223	Post-filter type U spout	1/4"	60 mm x 10"	30
A-253101	Sediment cartridge type U spout	3/8"	60 mm x 10"	30
A-253102	Activated carbon cartridge type U spout	3/8"	60 mm x 10"	30



Inlet and outlet in I with thread with fast connection

CODE	MODEL	COUPLING	Height x Diameter	UNITS per box
C-253325	Sediment filter 1/4" type 1 rapid connection	1/4"	60 mm x 10"	30
C-253326	Carbon filter 1/4" type 1 rapid connection	1/4"	60 mm x 10"	30



Bayonet

CODE	MODEL	COUPLING	Height x Diameter	UNITS per box
A-253103	Sediment filter	Bayonet	60 mm x 10"	25
A-253104	Carbon filter	Bayonet	60 mm x 10"	25



MEMBRANE HOLDERS

CODE	MODEL	COUPLING INLET	UNITS per box
C-253081	Membrane holder 1812	1/4" thread	30
C-270011	Membrane holder 3013	3/8" thread	15
C-270009	Membrane holder 3012	3/8" thread	12
C-270015	Membrane holder 3213	3/8" thread	12
C-252031	Membrane holder 1812	Spouts 1/4"	20



MEMBRANES

- Maximum SDI 5.
- TFC membranes.



Maximum temperature of water 40°C



Maximum operating pressure: 10 bar

CODE	MODEL	UNITS per box
A-253133	Membranes 1812-75G	25
A-253137	Membranes 2012-100G	25
C-253224	Membranes 1812-150G	25
A-253139	Membranes 3012-300G	16
C-270010	Membranes 3013-400G	16
C-270013	Membranes 3213-600G	16



BOOSTER PUMPS



Thread connection



Fast connection

CODE	MODEL	VOLTAGE (V)	AMPERAGE (A)	FLOW l/min	Maximum pressure.	MEASUREMENTS mm	UNIT per box
C-250129	75G	24 VDC	0.95	0.8	5.5	185 x 100 x 99	1
C-253214	100G	24 VDC	0.95	1.1	4.5	180 x 100.5 x 98	1
C-253207	150G	24 VDC	1.2	1.3	5.5	95 x 100 x 92	1
C-253225	300G	24VDC	1.8	2	4.5	180 x 100.5 x 98	1
C-250127	400G	24VDC	3.2	3.0	5.5	195 x 100 x 92	1

ACCESSORIES AND SPARE PARTS

CODE	MODEL	COUPLING
C-253102	Double clip for membrane holder 1812	-
C-253129	Double clip for membrane holder 2812	-
C-253101	Unit clip for membrane holder 1812	-
C-253305	Unit clip for membrane holder 2812	-
C-270012	Unit clip for membrane holder 3012	-
C-253055	3/8" inlet tube spanner	3/8"
C-253199	Fast connection flow controller	1/4"
C-253148	Flow controller with thread	1/4"
C-190018	Faucet for Osmosor	1/4"
A-254059	Electric 3-way faucet without logo	3/8"
A-254054	3-way pressurised faucet	3/8"
C-253089	Pressurised drainage kit	1/4"
C-255508	Three-way spanner	3/8"
C-253105	Pressurised inlet pressure switch	1/4"
C-253106	Pressurised outlet pressure switch	1/4"
A-254606	3.5 bar pressure reducer	1/4"
A-254607	3.5 bar pressure reducer	3/8"
A-254608	2.5 bar pressure reducer	1/4"
C-250406	Aquastop spun spare part	-
C-250450	Aquastop Anti-Flood Valve	1/4"
C-250445	Aquastop Anti-Flood Valve	3/8"
C-950020	Shut-off valve	1/4"



Double clip



Unit clip



Flow controller



Electric 3-way faucet



Faucet for Osmosor



Three-way spanner



Pressurised drainage kit



Pressurised inlet pressure switch



Pressurised outlet pressure switch



Pressure reducer








Anti-Flood Valve



Shut-off valve

Note: For more specific accessories and spare parts, contact our Technical Support.

4 DOMESTIC SOFTENING

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VALVE:

- Equipped with by-pass and mixing.
Requires no tools for connection (CLIP connection).
- W.B.P. Water supply during regeneration (according to model).
- Type of regeneration (according to model):
 - UF (upflow).
 - DF (downflow).
 - UF / DF
- Regeneration with ceramic disks (no wear, no abrasives)
- Low salt level warning (according to model)
- Resins useful life control (according to model)

HIGH TECHNOLOGY:

- Low water and salt consumption
- Up to 11 programming modes (according to model).
- Display in up to 7 languages (according to model).
- Duration of battery up to 72 hours without power supply.
- Touch pad (according to model).
- LED or LCD display
- Modern design

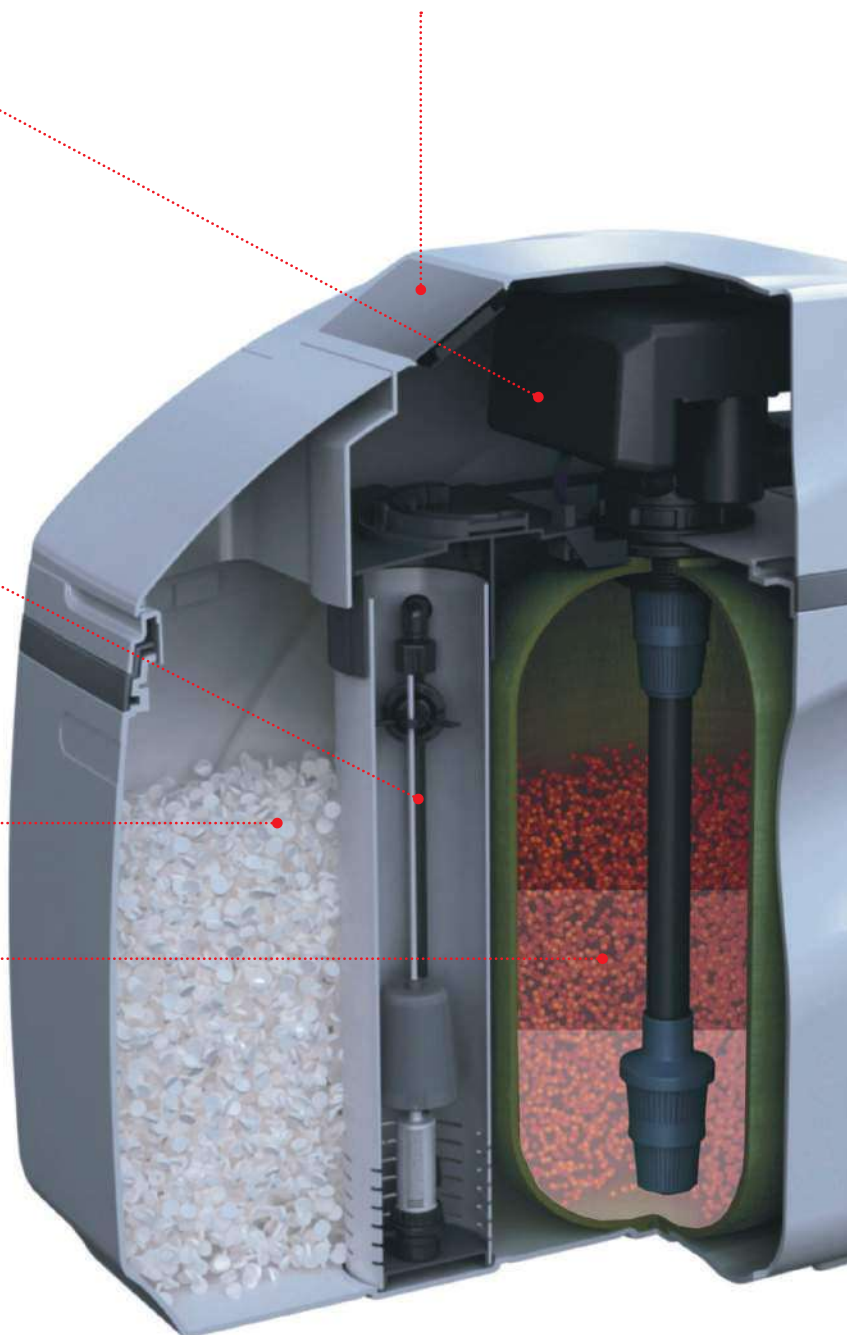
ASPIRATION PROBE WITH SAFETY BUOY:

- No overflow required.

- Regeneration in dry salt tank (according to model)

**MULTIPLE LAYERS
HIGH FLOW (HF)**

- Use of high-flow resins (according to model)



For suitable cleaning and sanitising of domestic softening equipment, we recommend our range of KALAPHOS products. Find more information about them in chapter 13, CHEMICAL PRODUCTS

**LCD DISPLAY**

- Touch pad (according to model)
- LED Technology
- Alphanumeric display
- Backlit screen
- Programming in several languages
- Automatic display block
- Indicators in service screen for:
 - Current time
 - Remaining volume
 - Regeneration time
 - Instant flow

**LED DISPLAY**

- Numerical display
- LED Technology
- Icons indicating current device status
- 5 digits
- Programming in seconds
- Automatic display block
- Indicators in service screen for:
 - Current time
 - Remaining volume
 - Regeneration time
 - Instant flow

**LED DISPLAY PILOTS**

- LED technology
- Numerical display
- 4 Digits
- Pilot lights indicating current device status
- Automatic display block
- Indicators in service screen for:
 - Current time
 - Remaining volume
 - Regeneration time
 - Instant flow

OLYMPIA PLUS

- Compact softener
- Beside softening water, it eliminates chlorine, heavy metals, iron, scaling and hydrogen sulphide.
- External programming circuit and salt tank cap integrated into softener cap

SOFTENS
AND
DECHLORINATES



UF mode economises on water and salt



Bacteriostatic effect that controls the growth of micro-organisms



Water temperature
5°C - 45°C



LCD LCD screen



Operating pressure:
1.5 - 6 bar



Power supply:
230-110 V 50/60 Hz.



BY-PASS and MIXING series



E / S connections
of 3/4".



Dry tank regeneration



See valve model characteristics in chapter 7



Upflow or downflow regeneration



Resin bottle located outside cabinet



Cabinet in high density polyethylene



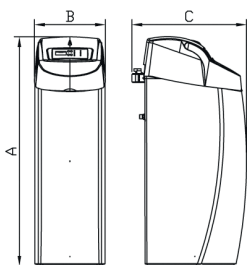
10 year guarantee for tank and bottle, 3 years for valve



Water supply during regeneration



High flow resin (according to model)



LCD DISPLAY

CODE	MODEL	FLOW max. (m ³ /h)	RESIN+KDF Litres	INT. CAP. °Hf x m ³	A. SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS* A x B x C mm	WEIGHT Kg
A-404021	160 V HF UF	2.5	16 HF	96	1.6	K105H	8	665 x 340 x 560	24.5
A-404127	250 V UF	1.25	25	150	2.5	K105H	4	1.100 x 340 x 560	37
A-404137	380 V UF	1.90	38	228	3.8	K105H	4	1.100 x 340 x 560	47

*Note: The by-pass is included in length C.

OLYMPIA

Compact, high performance, low consumption softener
- External programming circuit and salt tank cap integrated into softener cap



Water temperature
5°C - 45°C



LED screen



Operating pressure:
1.5 - 6 bar



Power supply:
230-110 V 50/60 Hz.



BY-PASS and MIXING
series



Connections
E / S 3/4" or 1"
(according to model)



Upflow regeneration



See valve model
characteristics
in chapter 7



Resin bottle located
outside cabinet



UF mode economises on
water and salt



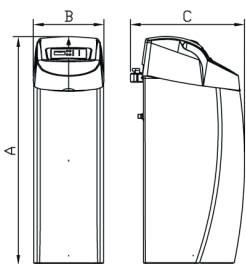
Cabinet in high density
polyethylene



10 year guarantee for
tank and bottle, 3 years
for valve



Water supply during
regeneration



LED DISPLAY

CODE	MODEL	FLOW max. (m³/h)	RESIN Litres	INT. CAP. °Hfxm³	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-404020	160 V HF UF 3/4"	2.00	16 HF	96	1.6	K69A3H	8	665 x 340 x 560	24.5
A-404126	250 V UF 3/4"	1.25	25	150	2.5	K69A3H	4	1.100 x 340 x 560	37
A-404309	380 V UF 1"	1.90	38	228	3.8	K68C3H	4	1.100 x 340 x 560	47

*Note: The by-pass is included in length C.

BELUGA

- Compact softener with modern design.
- External programming circuit and salt tank cap integrated into softener cap
- Transparent sight screen on salt tank cover to easily and comfortably brine levels in the tank.
- The salt tank cover is kept fixed at different positions when it is opened to make it easier to fill the tank.

NEW



Water temperature
5°C - 45°C



LCD screen



Operating pressure:
1.5 -6 bar



Power supply:
230-110 V 50/60 Hz.



BY-PASS and MIXING
series



E / S connections
of 3/4"



Upflow regeneration



See valve model
characteristics
in chapter 7



Resin bottle located
inside cabinet



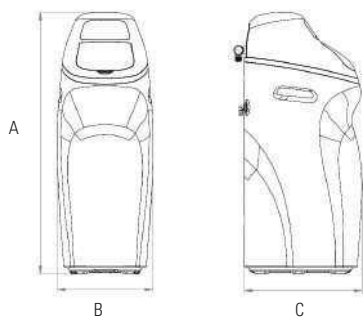
UF mode economises on
water and salt



Cabinet in high density
polyethylene



- Touch pad



LCD DISPLAY

CODE	MODEL	FLOW max. (m ³ /h)	RESIN Litres	INT. CAP. °Hfxm ³	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASURE- MENTS A x B x C mm	WEIGHT Kg
A-400730	LCD 240 V UF	1.20	24	144	2.4	K69D3H	4	788 x 384 x 480	34.2
A-400731	LCD 380 V UF	1.90	38	228	3.8	K69D3H	4	1,072 x 392 x 480	42

*Note: Add 25mm to length C for the overflow elbow.

TIGRIS

- Compact softener with modern lines.
- External programming circuit and salt tank cap located in softener cap
- Transparent protective cover for programming circuit.

NEW

NEW MODEL
CONTROLLED
VIA WIFI
CONNECTION



App download:



Cabinet in high density polyethylene



UF mode economises on water and salt



Water temperature
5°C - 45°C



LED OR LCD PILOT
LIGHT display
(according to model)



Operating pressure:
1.5 - 6 bar



Power supply:
230-110 V 50/60 Hz.



BY-PASS and MIXING
series



Connections E / S 3/4" and
1" (according to model)



Upflow or downflow
regeneration (according to
model)



See valve model
characteristics in
chapter 7



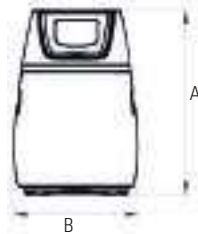
Resin bottle located
inside cabinet



- Touch pad
(according to model)



App in 3 languages
(Wifi model)



B

C



LCD DISPLAY

CODE	MODEL	FLOW max. (m3/h)	RESIN Litres	CAP. INT. °Hfxm3	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-400550	LED PILOTS UF HF 160V 3/4"	2.00	16 HF	96	1.6	K69P3H	8	596 x 400 x 490	24
A-400551	LED PILOTS UF 250V 3/4"	1.25	25	150	2.5	K69P3H	4	1,055 x 400 x 490	36
A-400552	LED PILOTS UF 380V 3/4"	1.90	38	228	3.8	K69P3H	4	1,055 x 400 x 490	46
A-400560	LED PILOTS UF 380V 1"	1.90	38	228	3.8	K68P3H	4	1,055 x 400 x 490	46
A-400553	LCD UF HF 160V 3/4"	2.00	16 HF	96	1.6	K69D3H	8	596 x 400 x 490	24
A-400554	LCD UF 250V 3/4"	1.25	25	150	2.5	K69D3H	4	1,055 x 400 x 490	36
A-400555	LCD UF 380V 3/4"	1.90	38	228	3.8	K69D3H	4	1,055 x 400 x 490	46
A-400557	LCD-WIFI UF HF 160V 3/4"	2.00	16 HF	96	1.0	K79H LCD-WIFI	8	596 x 400 x 490	24
A-400558	LCD-WIFI UF/DF 250V 3/4"	1.25	25	150	2.5	K79H LCD-WIFI	4	1,055 x 400 x 490	36
A-400559	LCD-WIFI UF/DF 380V 3/4"	1.90	38	228	3.8	K79H LCD-WIFI	4	1,055 x 400 x 490	46













*Note: Add 25mm to length C for the overflow elbow.

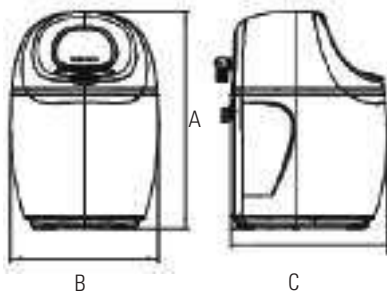
ORION

- Compact softener with clean design and rounded lines.
- External programming circuit and salt tank cap integrated into softener cap

NEW



 PEHD	Cabinet in high density polyethylene		UF mode economises on water and salt
	Water temperature 5°C - 45°C		LED OR LCD PILOT LIGHT display (according to model)
	Operating pressure: 1.5-6 bar		Power supply: 230-110 V 50/60 Hz.
	BY-PASS and MIXING series		E / S connections of 3/4"
	Upflow regeneration		See valve model characteristics in chapter 7
	Resin bottle located inside cabinet		- Touch pad (according to model)



LCD DISPLAY

CODE	MODEL	FLOW max. (m3/h)	RESIN Litres	CAP. INT. °Hfxm3	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-400540	LED PILOTS UF HF 160V	2.00	16 HF	96	1.6	K69P3H	4	600 x 436 x 410	23
A-400541	LED PILOTS UF 250V	1.25	25	150	2.5	K69P3H	8	1,060 x 436 x 410	35
A-400542	LED PILOTS UF 380V	1.90	38	228	3.8	K69P3H	8	1,060 x 436 x 410	46
A-400543	LCD UF HF 160V	2.00	16 HF	96	1.6	K69D3H	4	600 x 436 x 410	23
A-400544	LCD UF 250V	1.25	25	150	2.5	K69D3H	8	1,060 x 436 x 410	35
A-400545	LCD UF 380V	1.90	38	228	3.8	K69D3H	8	1,060 x 436 x 410	46

*Note: Add 25mm to length C for the overflow elbow.

MEDEA

- Compact softener with elegant design.
- External programming circuit and salt tank cap integrated into softener cap



Cabinet in high density polyethylene



UF mode economises on water and salt



Water temperature
5°C - 45°C



LED OR LCD PILOT
LIGHT display
(according to model)



Operating pressure:
1.5 - 6 bar



Power supply:
230-110 V 50/60 Hz.



BY-PASS and MIXING
series



E / S connections of 3/4"



Upflow regeneration



See valve model
characteristics
in chapter 7



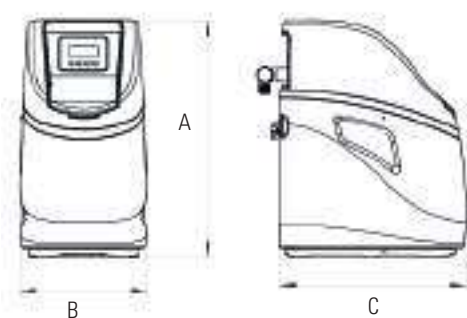
Resin bottle located
inside cabinet



- Touch pad
(according to model)



NEW



LCD DISPLAY













CODE	MODEL	FLOW max. (m3/h)	RESIN Litres	CAP. INT. °Hxm3	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-400403	LED PILOTS UF HF 120V	2.00	12 HF	72	1.2	K69P3H	8	598 x 320 x 470	20
A-400404	LED PILOTS UF 250V	1.25	25	150	2.5	K69P3H	4	1,055 x 320 x 470	37
A-400405	LED PILOTS UF 300V	1.50	30	180	3.0	K69P3H	4	1,055 x 320 x 470	39
A-400400	LCD UF HF 120V	2.00	12 HF	72	1.2	K69D3H	8	598 x 320 x 470	20
A-400401	LCD UF 250V	1.25	25	150	2.5	K69D3H	4	1,055 x 320 x 470	37
A-400402	LCD UF 300V	1.50	30	180	3.0	K69D3H	4	1,055 x 320 x 470	39

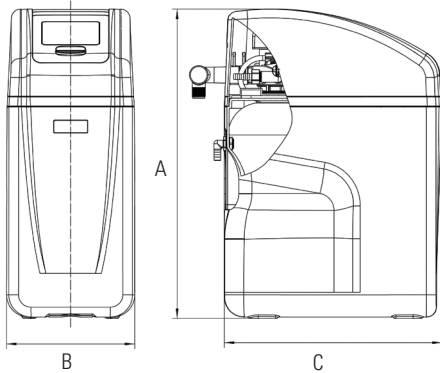
*Note: Add 25mm to length C for the overflow elbow.

URA

- Compact softener ideal for narrow spaces.
- External programming circuit and salt tank cap located in softener cap
- Transparent protective cover for programming circuit.



 PEHD	Cabinet in high density polyethylene	 UF	UF mode economises on water and salt
 Water temperature	5°C - 45°C	 LCD	LCD screen
 Operating pressure:	1.5 - 6 bar	 Power supply:	230-110 V 50/60 Hz.
 INCLUDED	BY-PASS and MIXING series	 E / S connections	of 3/4"
 UF	Upflow regeneration	 See valve model characteristics	in chapter 7
 Resin bottle	located inside cabinet	 WBP	Water supply during regeneration



LCD DISPLAY

CODE	MODEL	FLOW max. (m3/h)	RESIN Litres	CAP. INT. °Hfxm3	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASURE-MENTS A x B x C mm	WEIGHT Kg
A-400712	LCD 100 V HF UF BLUE	2,0	10	60	1,0	K69D3H	12	625 x 260 x 440	19
A-400714	LCD 250 V UF BLUE	1,25	25	150	2,5	K69D3H	6	1.090 x 260 x 440	36
A-400741	LCD 100 V HF UF GREY	2,0	10	60	1,0	K69D3H	12	625 x 260 x 440	19
A-400742	LCD 250 V UF GREY	1,25	25	150	2,5	K69D3H	6	1.090 x 260 x 440	36

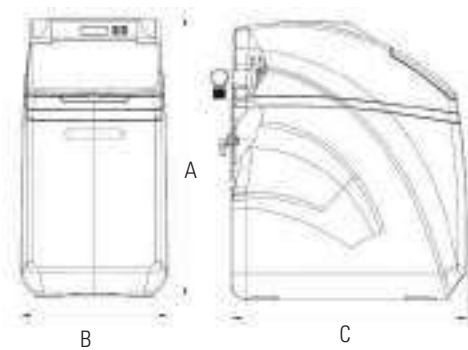
*Note: Add 25mm to length C for the overflow elbow.

KIVU

- Robust compact softener with modern design.
- External programming circuit and salt tank cap integrated into softener cap
- The salt tank cover is kept fixed at different positions when it is opened to make it easier to fill the tank.



PEHD	Cabinet in high density polyethylene		UF mode economises on water and salt
	Water temperature 5°C - 45°C	LED /LCD P.	LED OR LCD PILOT LIGHT display (according to model)
	Operating pressure: 1.5 - 6 bar		Power supply: 230-110 V 50/60 Hz.
	BY-PASS and MIXING series		E / S connections of 3/4"
UF	Upflow regeneration		See valve model characteristics in chapter 7
	Resin bottle located inside cabinet	WBP	Water supply during regeneration



LCD DISPLAY

CODE	MODEL	FLOW max. (m ³ /h)	RESIN Litres	INT. CAP. °Hfxm ³	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASURE-MENTS A x B x C mm	WEIGHT Kg
A-400700	LED PILOTS UF HF 160V	2.00	16 HF	96	1.6	K69P3H	8	615 x 325 x 525	24
A-400701	LED PILOTS UF 250V	1.25	25	150	2.5	K69P3H	4	1,070 x 325 x 525	37
A-400702	LED PILOTS UF 380V	1.90	38	228	3.8	K69P3H	4	1,070 x 325 x 525	48
A-400706	LCD UF HF 160V	2.00	16 HF	96	1.6	K69D3H	8	615 x 325 x 525	24
A-400707	LCD UF 250V	1.25	25	150	2.5	K69D3H	4	1,070 x 325 x 525	37
A-400708	LCD UF 380V	1.90	38	228	3.8	K69D3H	4	1,070 x 325 x 525	48

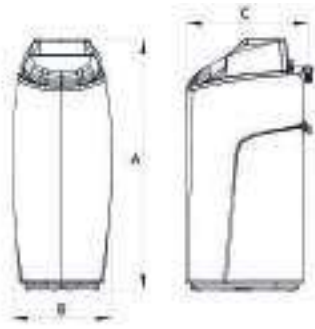
*Note: Add 25mm to length C for the overflow elbow.

NASSER

- Compact softener with modern design and rounded lines.
- External programming circuit and salt tank cap integrated into softener cap.



PEHD	Cabinet in high density polyethylene		UF mode economises on water and salt
	Water temperature 5°C - 45°C	LED /LCD P.	LCD screen
	Operating pressure: 1.5 - 6 bar		Power supply: 230-110 V 50/60 Hz.
	BY-PASS and MIXING series		Connections E / S 3/4" or 1" (according to model)
UF	Upflow regeneration		See valve model characteristics in chapter 7
	Resin bottle located inside cabinet	WBP	Water supply during regeneration



LCD DISPLAY

CODE	MODEL	FLOW max. (m ³ /h)	RESIN Litres	INT. CAP. °Hfxm ³	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-400500	LED PILOTS HF UF 160V 3/4"	2.00	16 HF	96	1.6	K69P3H	8	582 x 368 x 527	25
A-400501	LED PILOTS UF 250V 3/4"	1.25	25	150	2.5	K69P3H	4	1,045 x 368 x 527	39
A-400502	LED PILOTS UF 380V 3/4"	1.90	38	228	3.8	K69P3H	4	1,045 x 368 x 527	50
A-400535	LED PILOTS UF 380V 1"	1.90	38	228	3.8	K68P3H	4	1,045 x 368 x 527	50
A-400503	LCD HF UF WBP 160V 3/4"	2.00	16 HF	96	1.6	K69D3H	8	582 x 368 x 527	25
A-400504	LCD UF WBP 250V 3/4"	1.25	25	150	2.5	K69D3H	4	1,045 x 368 x 527	39
A-400505	LCD UF WPB 380V 3/4"	1.90	38	228	3.8	K69D3H	4	1,045 x 368 x 527	50
A-400536	LCD UF WBP 380V 1"	1.90	38	228	3.8	K68D3H	4	1,045 x 368 x 527	50

*Note: The by-pass is included in length C.

NILO

- Compact softener with modern design.
- Programming circuit in valve.
- Cover with incorporated transparent to easily control programming circuit.



Cabinet in high density polyethylene



UF mode economises on water and salt



Water temperature
5°C - 45°C



LED OR LCD PILOT
LIGHT display
(according to model)



Operating pressure:
1.5 - 6 bar



Power supply:
230-110 V 50/60 Hz.



BY-PASS and MIXING
series



E / S connections
of 3/4" or 1"



Upflow regeneration



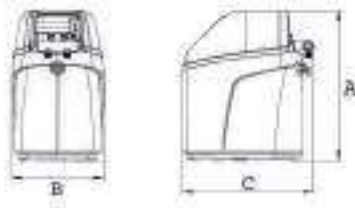
See valve model
characteristics
in chapter 7



Resin bottle located
inside cabinet



Water supply during
regeneration



LCD DISPLAY

CODE	MODEL	FLOW max. (m3/h)	RESIN Litres	CAP. INT. °Hfmx3	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-400520	LED PILOTS UF HF 160V 3/4"	2.00	16 HF	96	1.6	K69P3	8	601 x 370 x 527	25
A-400521	LED PILOTS UF 250V 3/4"	1.25	25	150	2.5	K69P3	4	1,065 x 370 x 527	39
A-400522	LED PILOTS UF 380V 3/4"	1.90	38	228	3.8	K69P3	4	1,065 x 370 x 527	50
A-400532	LED PILOTS DF 300V 1"	1.50	30	180	3	K63P3	4	1,065 x 370 x 527	42
A-400530	LED PILOTS UF 380V 1"	1.90	38	228	3.8	K68P3	4	1,065 x 370 x 527	50
A-400526	LCD UF HF 160V 3/4"	2.00	16 HF	96	1.6	K69D3	8	601 x 370 x 527	25
A-400527	LCD UF 250V 3/4"	1.25	25	150	2.5	K69D3	4	1,065 x 370 x 527	39
A-400528	LCD UF 380V 3/4"	1.90	38	228	3.8	K69D3	4	1,065 x 370 x 527	50

*Note: The by-pass is included in length C.

RHIN

- Compact softener with modern design and smooth lines.
- External programming circuit and salt tank cap integrated into softener cap

NEW MODEL
CONTROLLED
VIA WIFI
CONNECTION



App download:



PEHD Cabinet in high density polyethylene

LED /LCD P. LED OR LCD PILOT LIGHT display (according to model)

Water temperature 5°C - 45°C

Power supply: 230-110 V 50/60 Hz.

Operating pressure: 1.5-6 bar

Connections E / S 3/4" and 1" (according to model)

BY-PASS and MIXING series

See valve model characteristics in chapter 7

UF Upflow regeneration

Touch keypad (LCD model)

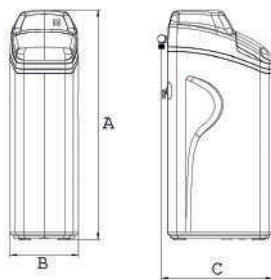
Resin bottle located inside cabinet

Useful life control of resins (Wifi model)

- Low salt level warning (Wifi model)

App in 3 languages (Wifi model)

UF mode economises on water and salt



LCD DISPLAY

CODE	MODEL	FLOW max. (m3/h)	RESIN Litres	CAP. INT. °Hfxm3	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-400585	LED PILOTS HF UF 160V 3/4"	2.00	16HF	96	1.6	K69P3H	8	590 x 312 x 527	24
A-400586	LED PILOTS UF 250V 3/4"	1.25	25	150	2.5	K69P3H	4	1,053 x 312 x 527	36
A-400510	LCD HF UF 160V 3/4"	2.00	16 HF	96	1.6	K69D3H	8	590 x 312 x 527	24
A-400511	LCD UF 250V 3/4"	1.25	25	150	2.5	K69D3H	4	1,053 x 312 x 527	36
A-400587	LCD UF 380V 1"	1.90	38	228	3.8	K68D3H	4	1,053 x 312 x 527	50
A-400588	LCD WIFI HF UF 160V 3/4"	2.00	16 HF	96	1.6	K79BH-LCD WIFI	8	590 x 312 x 527	24
A-400589	LCD WIFI UF 250V 3/4"	1.25	25	150	2.5	K79BH-LCD WIFI	4	1,053 x 312 x 527	36

*Note: The by-pass is included in length C.

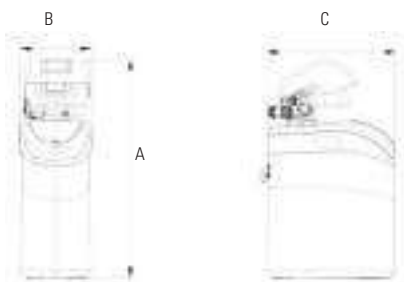
MICRO

- Specially for use in catering, small businesses and apartments
- Model 045 softens and also dechlorinates.
- Smart regeneration: Proportional regeneration with highly efficient salt consumption (with valve K79A3)

THE
SMALLEST ONE
IN ITS
CATEGORY



PSHI	Cabinet in high impact polystyrene		UF mode economises on water and salt
	Water temperature 5°C - 45°C	LED	LED screen
	Operating pressure: 1.5 - 6 bar		Power supply: 230-110 V 50/60 Hz.
	BY-PASS and MIXING (according to model)		E / S connections of 3/4"
UF	Upflow regeneration		See valve model characteristics in chapter 7
	Resin bottle located inside cabinet	NBP	Does not supply water during regeneration (valve K79A3)
V/C	Enables programming in volumetric or chronometric mode.		



LED DISPLAY

CODE	MODEL	FLOW max. (m3/h)	RESIN Litres	CAP. INT. °Hfxm3	A.SALT Kg	MODEL VALVE	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-450000	045 C/V UF HF KDF	0.9	4.5	27	0.5	K79A3	12	500 x 230 x 385	9.5
A-450001	055 C/V UF HF	1.1	5.5	33	0.6	K79A3	12	500 x 230 x 385	11
A-450005	S 045V UF HF KDF	0.9	4.5	27	0.5	K69P3	12	500 x 230 x 385	9.5
A-450006	S 055V UF HF	1.1	5.5	33	0.6	K69P3	12	500 x 230 x 385	11

*Note: The by-pass is not included in length C.

SET&SOFT

- Compact softener for showers, boilers and professional use (catering, semi-industrial processes, cosmetics, electronics, etc.) to supply softened water to the machines that require it.
- Installation before or after water heater.
- Water-resistant electronic system.
- Control using push buttons.
- Automatic regeneration time controlled by display.
- Backwashing function for extending useful life of the resin.
- Rapid connection system.
- Plus Model, with higher salt capacity (5 regenerations)



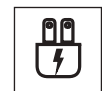
Water temperature
5°C - 70°C



LED display with
indicator symbol for
next regeneration



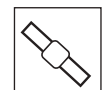
Operating pressure:
1.5 - 6 bar



Power supply:
24 VDC



Upflow regeneration



E / S connections of 1/2".



High flow resin



Volumetric equipment



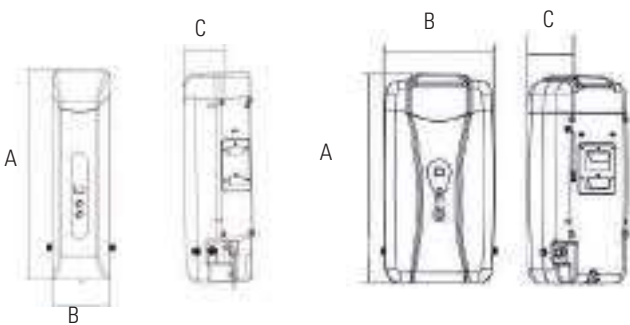
SET&SOFT PLUS



SET&SOFT



LED DISPLAY



CODE	MODEL	MAX. CAPACITY (400 mg/l)	MAX. CAPACITY (200 mg/l)	RESIN Litres	CAP. INT. °Hfxm3	A.SALT (g)	UNITS per pallet	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-400604	SET&SOFT	450 L	900 L	3.0 HF	18	3.0	24	600 x 166 x 167	7
A-400606	SET&SOFT PLUS	900 L	1,800 L	6.00 HF	36	6.0	12	608 x 320 x 186	14

SPARE PARTS

CODE	MODEL	UNITS per box
C-400004	Brine chimney 82 cm	1
C-400045	Brine chimney 43.3 cm	1
C-702001	3/8" elbow for brine intake	1
C-712007	3/8" filter for brass insert	10
C-712004	3/8" brass insert for brine intake vinyl tube	10
C-254491	Neck adaptor kit + Keramis 2 valve spanner 1/2"	1
C-702159	Long brine intake probe	1
C-702169	Short brine intake probe	1
A-712130	1" riser pipe + 1.2 m bottom strainer	1
B-400417	1" HF riser pipe + 1.1 m bottom strainer	1
C-322010	3/8" brine intake vinyl tube (100 metres)	1



Brine chimney



3/8" elbow



Filter for brass insert



Neck adaptor kit + valve spanner



Brass insert



1" riser pipe + bottom strainer



Brine intake probe



Vinyl tube

Note: For complete parts lists of softening equipment, go to our website: www.ceasaespana.com

CONSUMABLES

CODE	MODEL	UNIT per box	FUNCTION
A-850300	Strong cationic resin	25 L bag	Exchange
A-850303	High performance cationic resin (HF)	25 L bag	Exchange
A-850308	KDF 55	26 kg drum	Reduction
A-850309	KDF 85	26 kg drum	Reduction



Strong cationic resin



KDF

CODE	MODEL	UNIT per box	FUNCTION
D-714033	Salt tablets	25 kg bag	Exchange



Salt tablets

5 INDUSTRIAL SOFTENING AND DENITRIFICATION

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Water temperature:
5°C - 45°C



Maximum operation pressure:
2-6 bar



Power supply:
230-110 V 50/60 Hz.



For suitable cleaning and sanitising of domestic softening equipment, we recommend our range of KALAPHOS products. Find more information about them in chapter 13, CHEMICAL PRODUCTS

BIBLOCK

Industrial softener with state of the art valves to enable optimal water softening.



Water temperature:
5°C - 45°C



Maximum operation pressure:
2-6 bar



Power supply
230-110 V 50/60 Hz



BY-PASS and MIXING
standard in 1" models



See characteristics of valve
model in chapter 7



UF mode economises on
water and salt



Upflow or downflow
regeneration (standard)



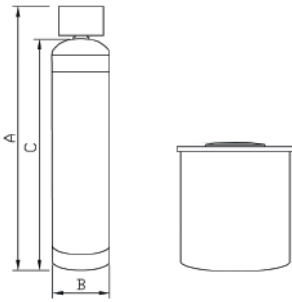
Supply of hard water in
regeneration for models with K68
and K63 valves



Volumetric regeneration



A-480 UF



CODE	MODEL	FLOW max. (m ³ /h)	RESIN Litres	CAP. INT. °Hf _x m ³	A.SALT Kg/reg.	SALT TANK litres	MODEL VALVE	TANK Inch	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-435104	A250 UF	1.25	25	150	2.5	80	K68C3 1" TM	8 x 35	1,072 x 205 x 895	28
A-436106	A300 DF	1.5	30	180	5.4	80	K63C3 1" TM	10 x 35	1,087 x 257 x 910	34
A-436107	A380 UF	1.8	38	228	3.8	120	K68C3 1" TM	10 x 35	1,087 x 257 x 910	41
A-437108	A480 UF	2.4	48	288	4.8	200	K68C3 1" TM	10 x 44	1,307 x 257 x 1.130	51
A-438109	A500 DF	2.5	50	300	9	200	K63C3 1" TM	10 x 54	1,565 x 257 x 1.388	54
A-438110	A600 UF	3.0	60	360	6	200	K68C3 1" TM	10 x 54	1,565 x 257 x 1.388	62
A-440106	A750 DF	3.8	75	450	13.5	300	K63C3 1" TM	12 x 52	1,512 x 307 x 1.335	77
A-439108	A760 UF	3.8	76	456	7.6	300	K68C3 1" TM	12 x 48	1,397 x 307 x 1.220	78
A-440107	A850 UF	4.0	85	510	8.5	300	K68C3 1" TM	12 x 52	1,512 x 307 x 1.335	86
A-419102	A1000 DF	5.0	100	600	18	300	K74A3 2" TM	14 x 65	1,911 x 360 x 1.662	106
A-419103	A1000 UF	5.0	100	600	10	300	K92A3 1" TM	13 x 54	1,600 x 334 x 1.400	101
A-442107	A1250 DF	6.3	125	750	22.5	500	K74A3 2" TM	14 x 65	1,911 x 360 x 1.662	128
A-420102	A1400 DF	7.0	140	840	25.2	500	K74A3 2" TM	16 x 65	1,919 x 410 x 1.670	143
A-266000	A1400 UF	7.0	140	840	14	500	K99D3 2" TM	14 x 65	2,004 x 360 x 1.662	142
A-443108	A1500 DF	7.5	150	900	27	500	K74A3 2" TM	16 x 65	1,919 x 410 x 1.670	152
A-266001	A1800 UF	9.0	180	1,080	18	500	K99D3 2" TM	16 x 65	2,012 x 410 x 1.670	179
A-444106	A2000 DF	10.0	200	1,200	36	500	K74A3 2" TM	21 x 62	2,159 x 550 x 1.910	217
A-266002	A2400 UF	12.0	240	1,440	24	850	K99D3 2" TM	18 x 65	2,172 x 465 x 1.830	244
A-445102	A2500 DF	12.5	250	1,500	45	850	K77A3 2" TM	21 x 62	2,225 x 550 x 1.910	263
A-266003	A3000 UF	15.0	300	1,800	30	850	K99D3 2" TM	21 x 62	2,252 x 550 x 1.910	305
A-446151	A3500 DF	17.5	350	2,100	63	850	K77A3 2" TM	24 x 72	2,465 x 615 x 2.150	362
A-447104	A4000 DF	20.0	400	2,400	72	850	K111A3 2" TM	24 x 72	2,554 x 615 x 2.150	408
A-448103	A6000 DF	30.0	600	3,600	108	1,100	K112A3 DN65 SM	36 x 72	2,260 x 918 x 2,260	653
A-449103	A8000 DF	40.0	800	4,800	144	1,500	K112A3 DN65 SM	42 x 72	2,270 x 1,088 x 2,270	860
A-450103	A10000 DF	50.0	1,000	6,000	180	2,000	K96A3 DN80 SM	42 x 72	2,270 x 1,088 x 2,270	1,034
A-266007	A13000 DF	50.0	1,300	7,800	130	2,000	K96A3 DN80 SM	48 x 72	2,270 x 1,218 x 2,270	1,341

Note: See tank measurements in chapter 14.

DUPLEX

Industrial softening system recommended for high softened water needs.



Water temperature:
5°C - 45°C



Maximum operation pressure:
2-6 bar



Power supply
230-110 V 50/60 Hz



BY-PASS and MIXING
standard in 1" models



See characteristics of valve
model in chapter 7



UF mode economises on
water and salt



Upflow or downflow
regeneration (standard)



Supply of hard water in
regeneration for models with K68
and K63 valves



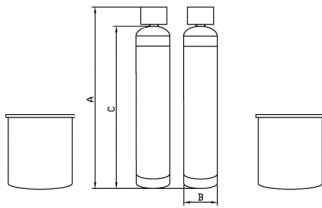
For special DUPLEX assemblies,
contact our Sales Department



Volumetric regeneration



2A-850 UF



CODE	MODEL	FLOW max. (m ³ /h)	RESIN Litres per tank	CAP. INT. °Hf x m ³	A.SALT Kg/reg.	SALT TANK litres	MODEL VALVE	TANK Inch	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-440109	2A850 UF	8.0	85	510	8.5	300(x2)	K68C3 1" TM	12 x 52 (x2)	1,512 x 307 x 1.335	172
A-440110	2A1000 UF	10.0	100	600	10.0	300 (x2)	K92A3 1" TM	13 x 54 (x2)	1,600 x 334 x 1.400	202
A-440111	2A1250 DF	12.5	125	750	22.5	500 (x2)	K74A3 2" TM	14 x 65 (x2)	1,911 x 360 x 1.662	256
A-267000	2A1400 UF	14.0	140	840	14.0	500 (x2)	K99D3 2" TM	14 x 65 (x2)	2,004 x 360 x 1.662	286
A-440112	2A1500 DF	15.0	150	900	27.0	500 (x2)	K74A3 2" TM	16 x 65 (x2)	1,919 x 410 x 1.670	304
A-267001	2A1800 UF	18.0	180	1,080	18.0	500 (x2)	K99D3 2" TM	16 x 65 (x2)	2,012 x 410 x 1.670	358
A-267002	2A2400 UF	24.0	240	1,440	24.0	850 (x2)	K99D3 2" TM	18 x 65 (x2)	2,172 x 465 x 1.830	488
A-440113	2A2500 DF	25.0	250	1,500	45.0	850 (x2)	K77A3 2" TM	21 x 62 (x2)	2,225 x 550 x 1.910	526
A-267003	2A3000 UF	30.0	300	1,800	30.0	850 (x2)	K99D3 2" TM	21 x 62 (x2)	2,252 x 550 x 1.910	610
A-440114	2A3500 DF	35.0	350	2,100	63.0	850 (x2)	K77A3 2" TM	24 x 72 (x2)	2,465 x 615 x 2.150	724
A-440115	2A4000 DF	40.0	400	2,400	72.0	850 (x2)	K111A3 2" TM	24 x 72 (x2)	2,554 x 615 x 2.150	816
A-440116	2A6000 DF	60.0	600	3,600	108.0	1,100 (x2)	K112A3 DN65 SM	36 x 72 (x2)	2,260 x 918 x 2,260	1,306
A-440117	2A8000 DF	80.0	800	4,800	144.0	1,500 (x2)	K112A3 DN65 SM	42 x 72 (x2)	2,270 x 1,088 x 2,270	1,720
A-440118	2A10000 DF	100.0	1,000	6,000	180.0	2,000 (x2)	K96A3 DN80 SM	42 x 72 (x2)	2,270 x 1,088 x 2,270	2,068
A-267008	2A13000 DF	100.0	1,300	7,800	130.0	2,000 (x2)	K96A3 DN80 SM	48 x 72 (x2)	2,270 x 1,218 x 2,270	2,682

Note: See tank measurements in chapter 14.

TWIN

Industrial softening system that guarantees a continuous water supply thanks to its alternating equipment operation system.



Water temperature:
5°C - 45°C



Maximum operation pressure
2-6 bar



Power supply
230-110 V 50/60 Hz



BY-PASS and MIXING standard
in 1" models



See characteristics of valve
model in chapter 7



UF mode economises
on water and salt



Upflow or downflow
regeneration (standard)



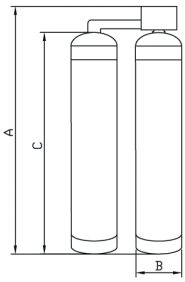
Supply of hard water in
regeneration for models with K68
and K63 valves



Volumetric regeneration



2T 1000



CODE	MODEL	FLOW max. (m ³ /h)	RESIN Litres per tank	CAP. INT. °Hfxm ³	A.SALT Kg/reg.	SALT TANK litres	MODEL VALVE	TANK Inch	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-451102	2T200	1.0	20	120	3.6	80	K73 DF 1" TM	8 x 35	1,072 x 205 x 895	45
A-452003	2T300	1.5	30	180	5.4	80	K73 DF 1" TM	10 x 35	1,087 x 257 x 910	65
A-462150	2T380	1.9	38	228	3.8	200	K73 UF 1" TM	10 x 35	1,087 x 257 x 910	80
A-453004	2T400	2.0	40	240	7.2	200	K73 DF 1" TM	10 x 44	1,307 x 257 x 1.130	85
A-463003	2T480	2.4	48	288	4.8	200	K73 UF 1" TM	10 x 44	1,307 x 257 x 1.130	99
A-454006	2T500	2.5	50	300	9.0	200	K73 DF 1" TM	10 x 54	1,565 x 257 x 1.388	105
A-465004	2T600	3.0	60	360	6.0	200	K73 UF 1" TM	10 x 54	1,565 x 257 x 1.388	122
A-455004	2T600	3.0	60	360	10.8	200	K73 DF 1" TM	12 x 48	1,397 x 307 x 1.220	125
A-455101	2T750	3.5	75	450	7.5	200	K73 UF 1" TM	12 x 48	1,397 x 307 x 1.220	151
A-467002	2T850	3.5	85	510	8.5	200	K73 UF 1" TM	12 x 52	1,512 x 307 x 1.335	170
A-268000	2T1000	3.5	100	600	10.0	300	K73 UF 1" TM	13 x 54	1,600 x 334 x 1.400	200
A-268001	2T1900	9.5	190	1,140	34.2	500	K98 DF 1" SM	18 x 65	2,172 x 465 x 1.830	400
A-268002	2T2500	10	250	1,500	45.0	500	K88 DF 1 1/2" SM	21 x 62	2,225 x 550 x 1.910	527

Note: See tank measurements in chapter 14.

SEMI-INDUSTRIAL

- Nitrate reduction equipment that uses an ion exchange process with specially selected resins for nitrates.
- Permits an 85% reduction of nitrates in service water. The 15% leak should not exceed a limit of 50mg/l in accordance with R.D: 140/2003.
- The presence of sulphates in the water may change the efficiency of the resins used to reduce the nitrates.



Water temperature:
5°C - 45°C



Volumetric
regeneration



Maximum operation pressure:
2-6 bar



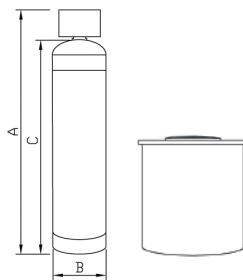
Power supply
230-110 V 50/60 Hz



See characteristics of valve
model in chapter 7



Water supply
during regeneration



N - 480 UF

CODE	MODEL	FLOW max. (m ³ /h)	RESIN Litres	CAP. INT. °Hfxm ³	A.SALT Kg/reg.	SALT TANK litres	MODEL VALVE	TANK Inch	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-490102	N-250 UF	0.80	25	150	6.25	80	K68C3 1" TM	8 x 35	1,072 x 205 x 895	23
A-490103	N-380 UF	1.2	38	228	9.5	120	K68C3 1" TM	10 x 35	1,087 x 257 x 910	32
A-490104	N-480 UF	1.5	48	288	12.0	200	K68C3 1" TM	10 x 44	1,307 x 257 x 1.130	43
A-490105	N-600 UF	1.9	60	360	15.0	200	K68C3 1" TM	10 x 54	1,565 x 257 x 1.388	52
A-490106	N-850 UF	2.7	85	510	21.25	300	K68C3 1" TM	12 x 52	1,512 x 307 x 1.335	71
A-490107	N-1000 UF	3.2	100	600	25.0	300	K68C3 1" TM	13 x 54	1,600 x 334 x 1.400	83

Note: See tank measurements in chapter 14.

INDUSTRIAL

- Nitrate reduction equipment that uses an ion exchange process with specially selected resins for nitrates.
- Permits an 85% reduction of nitrates in service water. The 15% leak should not exceed a limit of 50mg/l in accordance with R.D: 140/2003.
- The presence of sulphates in the water may change the efficiency of the resins used to reduce the nitrates.



Water temperature:
5°C - 45°C



Volumetric
regeneration



Maximum operation pressure:
2-6 bar



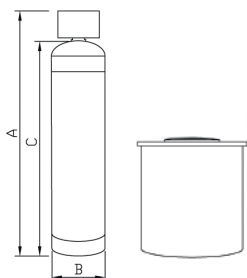
Power supply
230-110 V 50/60 Hz



See characteristics of valve
model in chapter 7



Supply of hard water in
regeneration for models with
K63 and K68 valves



N - 5500 UF

CODE	MODEL	FLOW max. (m³/h)	RESIN Litres	CAP. INT. °Hfxm³	A.SALT Kg/reg.	SALT TANK litres	MODEL VALVE	TANK Inch	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-490108	N-1200 DF	3.8	120	720	30	500	K63C3 1" TM	14 x 65	1,841 x 360 x 1,662	101
A-269000	N-1400 UF	4.0	140	840	21	500	K68C3 1" TM	14 x 65	1,841 x 360 x 1,662	115
A-490109	N-1500 DF	4.0	150	900	37.5	500	K63C3 1" TM	16 x 65	1,849 x 410 x 1,670	124
A-269001	N-1800 UF	5.8	180	1,080	27	500	K99D3 2" TM	16 x 65	2,012 x 410 x 1,670	146
A-269002	N-2400 UF	7.7	240	1,440	36	850	K99D3 2" TM	18 x 65	2,270 x 465 x 1,830	201
A-490001	N-2500 DF	8.0	250	1,500	62.5	850	K74A3 2" TM	21 x 62	2,159 x 550 x 1,910	216
A-269003	N-3000 UF	9.6	300	1,800	45	850	K99D3 2" TM	21 x 62	2,252 x 550 x 1,910	251
A-490002	N-3750 DF	10.0	375	2,250	94	850	K74A3 2" TM	24 x 72	2,398 x 615 x 2,150	314
A-269004	N-4500 UF	14.4	450	2,700	67.5	850	K95D3 2" TM	24 x 72	2,150 x 615 x 2,150	370
A-490003	N-5500 DF	17.6	550	3,300	137.5	1,100	K77A3 2" TM	30 x 72	2,398 x 780 x 2,150	457
A-269005	N-7000 UF	20.0	700	4,200	105	1,100	K95D3 2" TM	36 x 72	2,260 x 918 x 2,260	600
A-490004	N-7750 DF	18.0	775	4,650	194	1,500	K77A3 2" TM	36 x 72	2,509 x 918 x 2,260	650

Note: For technical specifications of valves, see chapter 7.

CONSUMABLES

CODE	MODEL	UNIT per box	FUNCTION
A-850300	25 L bag strong cationic resin	1	Softening
A-850303	25 L bag HF cationic resin	1	Softening
A-850308	26 kg drum KDF	1	Absorption
A-850324	25 L bag nitrates resin	1	Denitrification



Strong cationic resin



HF strong cationic resin

CODE	MODEL	UNITS per box	FUNCTION
D-714033	25 kg bag of salt tablets	1	Regeneration/ Softening/ Denitrification



Bag of salt tablets

SPARE PARTS

CODE	MODEL	UNIT per box
C-308004	KERAMIS side assembly adaptor K74/75/77 2"	1
C-712220	Auto. cylindrical intake elbow 1/2" x 1/2" thread M BSPT	1
C-203461	Electrovalve 2" NC PVC 230VAC	1
C-203454	Electrovalve 1 1/2" NC PVC 230VAC	1
C-712221	Auto. cylindrical straight coupling 1/2" x 1/2" thread M BSPT	1
C-712219	KERAMIS 2" valve intake tube reducer coupling	1
C-713278	Brine intake probe with buoy industrial 1.41 m	1
C-714003	Brine intake probe without buoy industrial 1,95 m	1



Side assembly adaptor



Intake elbow



Electrovalve 2"



Straight coupling



Brine intake probe with buoy

Note: For spare parts for bottles, see chapter 14.

6 SPECIAL RESIN FILTERS

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DEMINERALISATION



REMINERALISATION



Water temperature
5°C - 45°C



Operating pressure:
Up to 6 bar

SEPARATED BEDS DEMINERALISER

- Demineralisers with separate bed regeneration systems.
- SIATA valves with AQUAIONIC controller.
- Equipment made of Bi-bloc.



Water temperature
5°C - 40°C



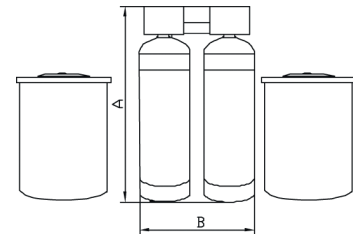
Power supply
230-110 V 50/60 Hz



Operating pressure:
2-6 bar



For larger items of equipment,
consult with the Sales Department.

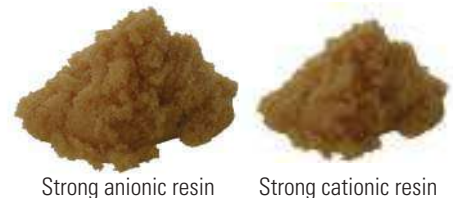


CODE	MODEL	FLOW (m ³ /h)	TANK Litres	LOAD BEDS (per tank) L.		MODEL VALVE	TANK Inch	TANK MEA- SUREMENTS A x B mm	WEIGHT Kg
				Cationic	Anionic				
A-510030	DA-25	0.2 - 0.5	200	25	50	132 DM 1"	10 x 54	1,650 x 1,200	90
A-510040	DA-30	0.5 - 1.0	200	50	75	132 DM 1"	12 x 52	1,600 x 1,200	100
A-510060	DA-35	1 - 1.9	300	100	125	132 DM 1"	14 x 65	1,870 x 1,300	165
A-510080	DA-40	1.3 - 2.7	300	125	150	132 DM 1"	16 x 65	1,895 x 1,300	190
A-510090	DA-50	2.7 - 5.3	500	225	300	230 DM 1 ¼"	21 x 62	2,160 x 1,500	410
A-510100	DA-60	3.3 - 6.7	760	275	375	230 DM 1 ¼"	24 x 72	2,375 x 1,500	515

Note: Measures provided for guidance purposes. For tank measurements, see chapter 14. The flows are values given for guidance purposes only, based on waters with 500 ppm of TDS and with equipment operation cycles of between 6 and 12 hours. Contact the technical department about equipment outside the parameters mentioned above.

CONSUMABLES

CODE	MODEL	UNIT	LITRES
A-850301	Strong anionic resin	1	25 L bag
A-850300	Strong cationic resin	1	25 L bag



Strong anionic resin

Strong cationic resin

RENEWABLE MIXED BED DEMINERALISER

- Demineraliser with mixed bed regeneration system.
- KERAMIS control valve for 1" mixed bed.
- 100% automatic process.
- Regeneration with acid and alkaline solutions, easy to manage.



Water temperature
5°C - 40°C



Power supply
230-110 V 50/60 Hz



Operating pressure:
2-6 bar



Maximum inlet conductivity:
30-40 µS/cm



CODE	MODEL	FLOW max. (m ³ /h)	LOAD FILTER B.	MODEL VALVE	TANK MEA- SUREMENTS A x B mm	WEIGHT Kg
A-511030	LM-R-175	4	175	K87 1"	2,586 x 415	285

Note: Weights and measures for guidance purposes, for exact information about equipment, contact our Sales Department.

CONSUMABLES

CODE	MODEL	UNIT	LITRES
A-850301	Strong anionic resin	1	25 L bag
A-850300	Strong cationic resin	1	25 L bag



Strong anionic resin



Strong cationic resin

REPLACEABLE MIXED BED DEMINERALISER

- Demineralising equipment with non-renewable mixed bed.
- KERAMIS 1/2" and 1" valves with manual switch.



Water temperature
5°C - 40°C



Power supply
230-110 V 50/60 Hz



Operating pressure:
2-6 bar

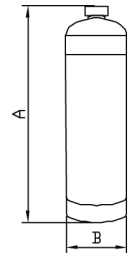


For larger items of equipment,
consult with the Sales Department.



Maximum inlet conductivity:
30-40 µS/cm

CODE	MODEL	FLOW max. m3/h	LOAD FILTER B.	MODEL VALVE	TANK Inch	MEASURE- MENTS TANK A x B mm	WEIGHT Kg
A-509001	LM-85	0.34	10	K56E 1/2"	8 x 17	582 x 206	10
A-509002	LM-120	0.48	15	K56E 1/2"	10 x 17	582 x 257	15
A-509004	LM-200	0.8	25	K56E 1/2"	8 x 35	1,050 x 206	23
A-509005	LM-300	1.2	35	K56E 1/2"	10 x 35	1,050 x 257	32
A-509006	LM-400	1.6	45	K56E 1/2"	10 x 44	1,280 x 257	40
A-509007	LM-500	2.0	55	K56E 1/2"	10 x 54	1,540 x 257	48
A-509008	LM-600	2.4	70	K56A 1"	12 x 48	1,490 x 308	61
A-509009	LM-750	3.0	95	K56A 1"	13 x 54	1,550 x 338	82
A-509010	LM-1000	4.0	140	K56A 1"	14 x 65	1,830 x 358	120



CONSUMABLES

CODE	MODEL	UNIT	LITRES
A-850302	Mixed filter resin (bag)	1	25



Note: This table is for guidance purposes only, the parameters may vary according to the water quality. Consult with the Technical Department. Weights and measures for guidance purposes, for exact information about equipment, contact our Sales Department.

SMALL SCALE REMINERALISER

- Remineralisation equipment for conditioning water with low mineral content or RO water.
- Balances aggressive waters by preventing oxidation
- 1.3 grams of Kalaphos Rem is consumed for each gram of CO₂



Water temperature
5°C - 45°C



Operating pressure:
Up to 8 bar



CODE	MODEL	FLOW max. m ³ /h	DIAM. COUPLINGS	LOAD FILTER B.	MEASUREMENTS TANK A x B mm	WEIGHT Kg
A-850606	MINI-R	0.15	1"	1.50	580 x 130	2.5
A-850607	BIG-R	0.65	1 1/2"	6.50	630 x 180	8

STANDARD RANGE REMINERALISER

- Manual or automatic conditioning equipment to produce high quality water



Water temperature
5°C - 45°C



Operating pressure:
Up to 6 bar



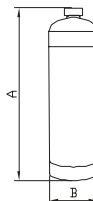
Reinforced polyester resin and
fibreglass tank



PVC interior hydraulic elements
designed according to maximum flow



See characteristics and
accessories of valve
model in chapter 7



REM 30
MANUAL



REM 35
AUTOMATIC

CODE		MODEL	FLOW m ³ /h		SURFACE filtration m ²	VALVE		TANK Inch	TANK MEA- SUREMENTS A x B mm	WEIGHT Kg
AUTO	MANUAL		v= 15 m/h	v=25 m/h		AUTO	MANUAL			
A-850615	A-850622	REM 30	1.1	1.8	0.07	K67B1 TM 1"	K56A TM 1"	12 X 52	1,514 x 307	92.75
A-850616	A-850623	REM 35	1.5	2.5	0.09	K67B1 TM 1"	K56F TM 1"	14 X 65	1,841 x 360	150.53

Note: Weights and measures for guidance purposes, for exact information about equipment, contact our Sales Department.

STANDARD RANGE INDUSTRIAL RANGE

- Manual or automatic conditioning equipment.
- Tank with large inspection hatch, sight glass, manometer and air purge.
- Reload via tank cap.



Water temperature 5°C
- 45°C



Polyester resin and fibreglass tank



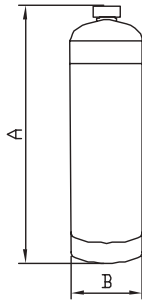
See characteristics and accessories of valve model in chapter 7



Operating pressure:
Up to 6 bar



Interior collector via PVC arms designed according to maximum flow



REM 75
MANUAL

REM 75
AUTOMATIC

CODE		MODEL	FLOW (m ³ /h)		SURFACE filtration (m ²)	VALVE		TANK Inches	TANK MEASUREMENTS A x B mm	WEIGHT Kg
AUTO	MANUAL		v= 15 m/h	v=25 m/h		AUTO	MANUAL			
A-850617	A-850624	REM 50	3.4	5.6	0.21	K75A1 2"	K56D TM 2"	21 X 62	2,159 x 550	341.18
A-850618	A-850625	REM 60	4.4	7.3	0.28	K75A1 2"	K56D TM 2"	24 X 72	2,399 x 615	502.19
A-850619	A-850626	REM 75	6.8	11.4	0.44	K77B1 2"	K77BS TM 2"	30 X 72	2,465 x 780	798.11
A-850620	A-850627	REM 100	9.9	16.4	0.63	K77B1 2"	K112BS TM 2"	36 X 72	2,465 x 918	1,159.21
A-850621	A-850628	REM 120	17.5	29.2	1.13	K112B1 2"	K112BS TM 2"	48 X 72	2,270 x 1,218	2,015.27

Note: Weights and measures for guidance purposes, for exact information about equipment, contact our Sales Department.

ACCESSORIES AND CONSUMABLES

CODE	MODEL	UNITS per box
C-254407	Conductivity meter+ K1 conductivity sensor	1
C-713072	1" ceramic ball electrovalve	1
C-713077	¾" ceramic ball electrovalve	1
A-850061	Kalaphos REM (25 kg bag)	1



Conductivity meter+ K1 conductivity sensor



Ball electrovalve

Kalaphos REM

CODE	MODEL	UNIT per box
C-716172	1" and 3/4" bottom strainer	10
C-712014	1" top strainer	10
C-713286	K74/75 2" threaded top strainer	10
C-713300	K77 2" threaded top strainer	10
C-713262	K74/77 2" bottom strainer	10



Strainers (top and bottom)

CODE	MODEL	UNIT per box
C-630058	Core + 6 arms Tank 18" - 21"	1
C-630059	Core + 6 arms Tank 24"	1
C-630057	Core + 6 arms Tank 30"	1
C-713277	Core + 6 arms Tank 36"	1
C-630068	Core + 6 arms Tank 42"-48"	1



Core


CODE	MODEL	UNIT per box
A-712130	Riser pipe 1.20 m + bottom strainer 1"	1
A-712129	Riser pipe 2,0 m + bottom strainer 1"	1
C-712137	PVC pipe diameter 50 mm. (2 metres)	1

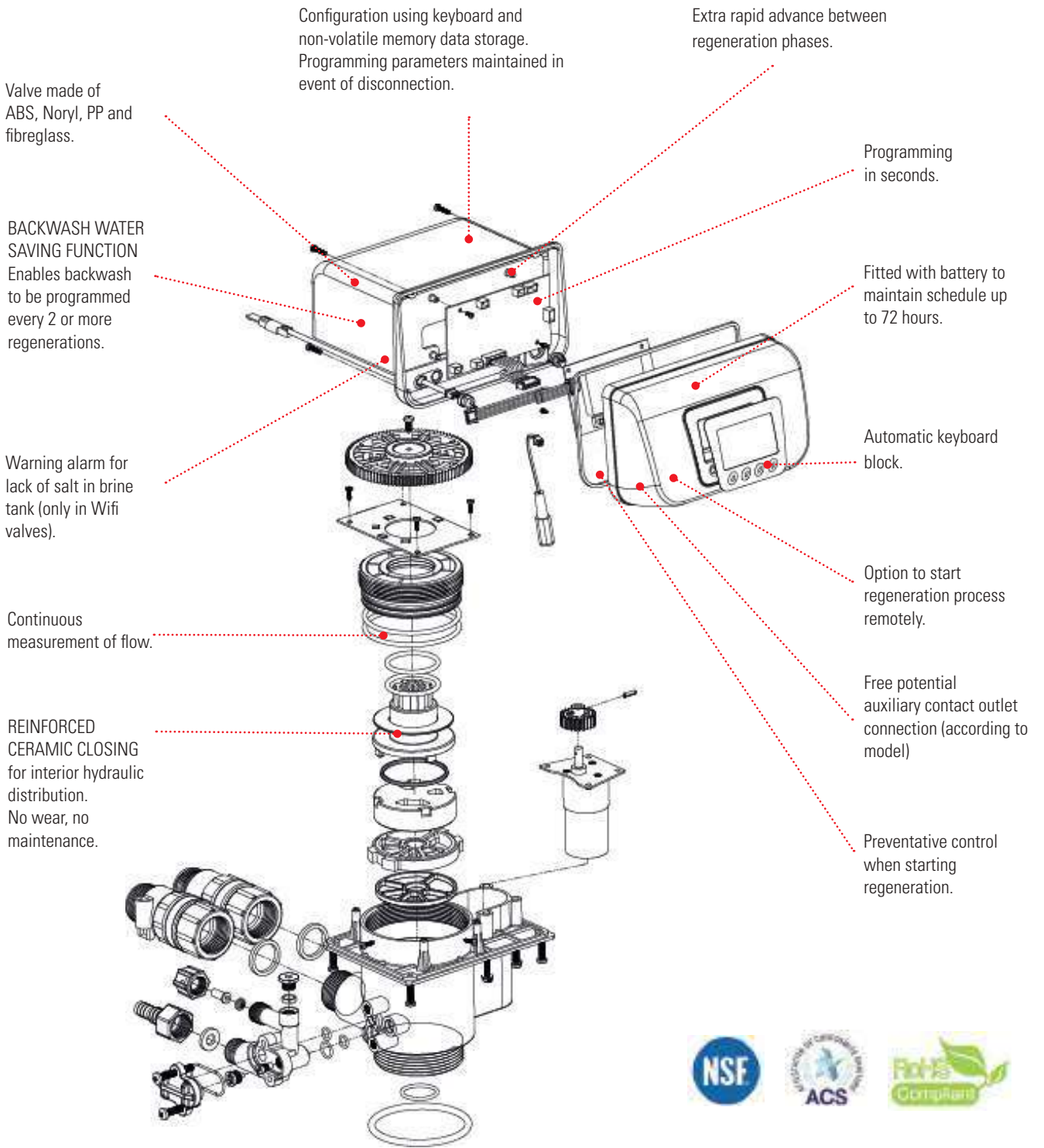




Riser pipe + bottom strainer



Note: For more specific accessories and spare parts, contact our Technical Support.



7 KERAMIS VALVES

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-  Flows up to 50 m3
-  Upflow mode saves on water and salt
- IN OUT** 3/4", 1", 1.5", 2", DN65 and DN80 mm (according to model)

-  BY PASS (clip coupling) and standard MIXING (in 3/4" and 1")
- UF/DF** Upflow and downflow valves.
-  Control via Wifi and app (according to model)

-  Water temperature: 5°C - 45°C
-  Operating pressure: 2 - 6 bar
- H+ OH-** Enables aggressive regenerating solutions to be used (acids or alkalis).

MANUAL VALVES

- Manual valves for domestic and industrial applications.
- Filter bed wash via lever or wheel.
- Models K56D and permit top mounting (TM), or side mounting (SM) using an optional accessory.
- Model K112BS is a side connected model.



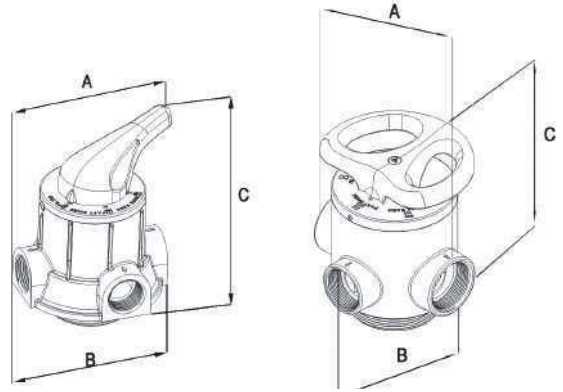
Does not require electricity



Includes internal distribution (strainers and riser pipe) except codes that begin with B-999.



Operating pressure:
2 - 6 bar



Note: For weights and measures, see the technical data sheet at www.ceasaespana.com

CODE	MODEL	IN/OUT COUPLING	COUPLING DRAIN	BACKWASH FLOW (m ³ /h)	SERVICE FLOW max. (m ³ /h)	COUPLING TANK	TANK RANGE
B-701013	K56E	1/2" H	1/2" H	2.0	0.6	2.5" TOP	6" ~ 10"
B-701011	K56A	1" H	1" H	4.0	1.5	2.5" TOP	6" ~ 12"
B-701014	K56F	1" H	1" H	6.0	1.9	2.5" TOP	6" ~ 12"
B-999089	K56D	2" H	2" H	10.0	3.4	4" TOP	10" ~ 24"
B-999418	K77BS	2" M	2" M	15.0	5.3	4" TOP	10" ~ 30"
B-999482	K112BS	DN65	DN65	40.0	13.5	DN65 TOP BOTTOM	24" ~ 60"

Note: All the valves whose code starts with B-999... have different internal distributions (strainer / core) depending on the tank volume. To select the right tank distribution, go to chapter 14 of this catalogue.



K56E



K56A



K56F



K56D



K77BS



K112BS

AUTOMATIC VALVES

- Automatic valves for domestic and industrial applications.
- Filter bed wash using automatic control.
- Models K77B1 and K75A1 permit top mounting (TM), or side mounting (SM) using an optional accessory.
- Models K112B1 and K96B1 are side connected models.
- NEW: For models K67/K71 and K75 a volume washing option is available, with the final numerical description in 3.



Operating pressure:
2 - 6 bar



Alphanumeric LED
display



Includes internal distribution (strainers
and riser pipe) except codes that begin
with B-999.



Power supply:
220/110 V AC 50/60 hz.



INTERLOCK System for DUPLEX,
TRIPLEX...MULTIPLEX assembly
supports.



Free auxiliary contact outlet connection.
Input connection for remote control
(alarm, PLC, etc.), 5 -24 V



Note: For weights and measures, see the
technical data sheet at www.ceasaespana.com

CODE	MODEL	WASH- ING	COUPLING IN/OUT	COUPLING DRAIN	BACKWASH FLOW (m3/h)	SERVICE FLOW max. (m3/h)	COUPLING TANK	TANK RANGE
B-404420	K71B1	CRO	3/4" M	3/4" M	2.0	0.8	2.5" TOP	6" ~ 10"
B-400485	K71B3	VOL	3/4" M	3/4" M	3.0	0.8	2.5" TOP	6" ~ 12"
B-400504	K67B1	CRO	1" H	1" H	4.0	1.5	2.5" TOP	6" ~ 14"
B-400484	K67B3	VOL	1" H	1" H	5.0	1.5	2.5" TOP	6" ~ 14"
B-999410	K75A1	CRO	2" M	2" M	10.0	3.4	4" TOP	16" ~ 24"
B-999486	K75A3	VOL	2" M	2" M	11.0	3.4	4" TOP	16" ~ 24"
B-999414	K77B1	CRO	2" M	2" M	18.0	5.3	4" TOP	24" ~ 30"
B-999447	K111B1	CRO	2" M	2" M	20.0	7.6	4" TOP	20" ~ 48"
B-999483	K112B1	CRO	DN65	DN65	40.0	13.6	DN80 TOP BOTTOM	24" ~ 60"
B-999602	K96B1	CRO	DN80	DN80	50.0	21.2	DN100 TOP BOTTOM	24" ~ 60"

Note: All the valves whose code starts with B-999... have different internal distributions (strainer /core) depending on the tank volume.
To select the right tank distribution, go to chapter 14 of this catalogue.



K71B1/K71B3



K67B1/K67B3



K75A1/K75A3



K77B1



K111B1



K112B1/K96B1

UPFLOW AND DOWNFLOW

- Automatic softening valves for domestic and industrial applications.
- Programmable upflow/downflow regeneration.
- Programmable smart mode regeneration option, not included in model K105H (smart mode regeneration as standard).



Operating pressure:
2 - 6 bar



INTERLOCK System for DUPLEX, TRIPLEX, MULTIPLEX assembly supports. Except for model K105H



Power supply:
220/110 V AC 50/60 hz.



Model K79A3 shuts off the water supply during regeneration



WiFi models enable the valve to be controlled with their own WiFi and app



Includes riser pipe, top and bottom strainers and brine intake probe.



Free auxiliary contact outlet connection. Input connection for remote control (alarm, PLC, etc.), 5 -24 V. Except for model K105H

Download of app for Wifi valve:



Note: For weights and measures, see the technical data sheet at www.ceasaespana.com

CODE	MODEL	COUPLING IN/OUT	COUPLING DRAIN	FLOW max. (m3/h)	COUPLING TANK	TANK RANGE	DISPLAY	LANGUAGES	REGEN. MODE	PROGRAM. HARDNESS*
B-400808	K79B-LCD WiFi	3/4" M	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LCD	3	7	-
B-400579	K79A3	3/4" M	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LED	-	11	-
B-400448	K79B3	3/4" M	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LED	-	11	-
B-400445	K79B-LCD	3/4" M	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LCD	7	7	-
B-400441	K105H	3/4" M	16ø nozzle	2.5	2.5" TOP	6" ~ 12"	LCD	7	Smart	mg/l
B-400590	K82B-LCD WiFi	1" M	16ø nozzle	4	2.5" TOP	6" ~ 18"	LCD	3	7	-
B-400582	K82B3	1" M	16ø nozzle	4	2.5" TOP	6" ~ 18"	LED	-	11	-
B-400481	K82B-LCD	1" M	16ø nozzle	4	2.5" TOP	6" ~ 18"	LCD	7	7	-
B-400404	K73	1" M	16ø nozzle	3	2.5" TOP	8" ~ 14"	LED	-	4	mmol

*1 mmol = 10°F

NEW



K79B-LCD WIFI / K79B-LCD



K79A3



K79B3



K105H

NEW



K82B-LCD WIFI / K82B-LCD



K82B3

TWIN DUPLEX



K73

DOWNFLOW

- Automatic softening valves for domestic and industrial applications.
- Models K74A3, K77A3 and K111A3 permit top mounting (TM), or side mounting (SM) using an optional accessory.



Operating pressure:
2 - 6 bar



Models K112 and K96 are side connected models.



Models A, B and C enable smart programming



INTERLOCK System for DUPLEX, TRIPLEX...MULTIPLEX assembly supports.



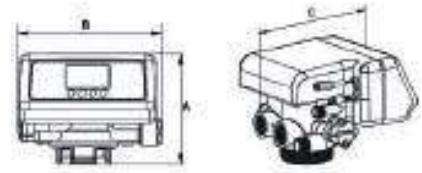
Free auxiliary contact outlet connection. Input connection for remote control (alarm, PLC, etc.), 5 -24 V.



Includes internal distribution (riser pipe, top and bottom strainers and brine intake probe) except codes that begin with B-999.



Models K63C3 and K63P3 supply hard water during regeneration (HWR).



Note: For weights and measures, see the technical data sheet at www.ceasaespana.com

CODE	MODEL	COUPLING IN/OUT	COUPLING DRAIN	FLOW max. (m3/h)	COUPLING TANK	TANK RANGE	DISPLAY	REGEN. MODE	PROGRAM. HARDNESS*
B-400506	K65P3	3/4" H	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LED PILOT LIGHTS	2	-
B-400501	K65B3	3/4" H	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LED	4	mmol
B-400500	K63C3	1" M	16ø nozzle	4.0	2.5" TOP	6" ~ 18"	LED	4	mmol
B-400508	K63P3	1" M	16ø nozzle	4.0	2.5" TOP	6" ~ 18"	LED PILOT LIGHTS	2	-
B-999411	K74A3	2" M	1" M	10	4" TOP	16" ~ 30"	LED	4	mmol
B-999413	K77A3	2" M	1 1/2" M	18	4" TOP	24" ~ 42"	LED	4	mmol
B-999443	K111A3	2" M	1 1/2" M	20	4" TOP	24" ~ 48"	LED	4	mmol
B-999446	K112A3	DN65	DN65	40	DN80 TOP BOTTOM	24" ~ 60"	LED	4	mmol
B-999603	K96A3	DN80	DN80	50	DN100 TOP BOTTOM	24" ~ 60"	LED	4	mmol

*1 mmol = 10°F

Note: All the valves whose code starts with B-999... have different internal distributions (strainer/core) depending on the tank volume. To select the right tank distribution, go to chapter 14 of this catalogue.



K65P3



K65B3



K63C3



K63P3



K74A3



K77A3



K111A3



K112A3 / K96A3

UPFLOW

- Automatic softening valves for domestic and industrial applications.
- Model K99D3 permits top mounting (TM), or side mounting (SM) using an optional accessory.



Operating pressure:
2 - 6 bar

NBP

Models K99D3, K92A and K95D3 shut off the water supply during regeneration.



INTERLOCK System for DUPLEX, TRIPLEX, MULTIPLEX assembly supports. Except in K69D3 and K68D3.

TWIN

Models K98A and K88A work in alternating duplex mode (Twin)



Includes internal distribution (riser pipe, top and bottom strainers and brine intake probe) except codes that begin with B-999.



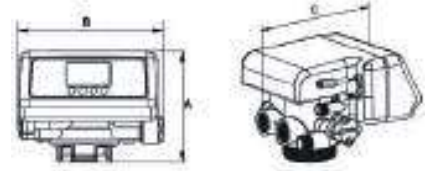
Models A, B and C enable smart programming. Likewise valve K95D3 and K99D3



Models K95D3, K98A and K88A are side mounted models



Free auxiliary contact outlet connection. Input connection for remote control (alarm, PLC, etc.), 5 -24 V, not included in LCD technology models



Note: For weights and measures, see the technical data sheet at www.ceasaespana.com

CODE	MODEL	COUPLING IN/OUT	COUPLING DRAIN	FLOW max. (m3/h)	COUPLING TANK	TANK RANGE	DISPLAY	LANGUAGES	REGEN. MODE	PROGRAM. HARDNESS*
B-400505	K69P3	3/4" H	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LED PILOT LIGHTS	-	2	-
B-400503	K69A3	3/4" H	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LED	-	4	mmol
B-400437	K69D3	3/4" H	16ø nozzle	2.0	2.5" TOP	6" ~ 12"	LCD	5	Smart	mg/l
B-400567	K68P3	1" M	16ø nozzle	4.0	2.5" TOP	6" ~ 18"	LED PILOT LIGHTS	-	2	-
B-400568	K68C3	1" M	16ø nozzle	4.0	2.5" TOP	6" ~ 18"	LED	-	4	mmol
B-404539	K68D3	1" M	16ø nozzle	4.0	2.5" TOP	6" ~ 18"	LCD	5	Smart	mg/l
B-999607	K92A	1" M	16ø nozzle	5.0	2.5" TOP	16" ~ 24"	LED	-	4	mmol
B-999606	K92B	1" M	16ø nozzle	5.0	2.5" TOP	16" ~ 24"	LED	-	4	mmol
B-999600	K98A	1" M	3/4" M	6.0	1" M TOP BOTTOM	16" ~ 24"	LED	-	4	mmol
B-999601	K88A	1 1/2" M	1" M	10.0	1 1/2" M TOP BOTTOM	22" ~ 30"	LED	-	4	mmol
B-999444	K95D3	2" M	1 1/2" M	20.0	2" M TOP BOTTOM	24" ~ 48"	LED	-	4	mmol
B-999580	K99D3	2" M	1 1/2" M	15.0	4" TOP	14" ~ 36"	LED	-	4	mmol

*1 mmol = 10°F

Note: All the valves whose code starts with B-999... have different internal distributions (strainer /core) depending on the tank volume. To select the right tank distribution, go to chapter 14 of this catalogue.



K69P3



K69A3



K69D3



K68P3



K68C3



K68D3



K92A/K92B



K98A



K88A

TWIN DUPLEX



K95D3



K99D3

MIXED BED VALVES

- Regeneration start by differential of conductivity (by remote control).
- Immediate, delayed or smart regeneration programming.
- If the equipment power supply is cut off, as soon as the valve restarts it runs a rapid wash to prevent low quality water.
- Accessories included:
 - 6 electrovalves.
 - Conductivity meter.
 - 220 VAC/24 VDC transformer
- 3/8" M acids and bases connections



K86



K87



Free auxiliary contact outlet connection.
Input connection for remote control
(alarm, PLC, etc.), 5 -24 V.



Air outlet connection 3/4"H.



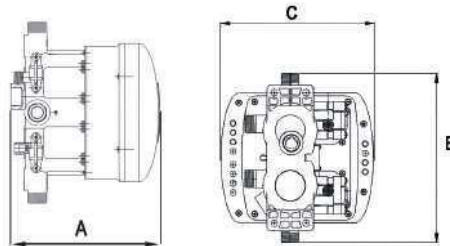
7 phases in regeneration.



Power supply:
230/110 V 50/60 hz.



Air inlet connection
1/2"H.



Note: For weights and measures, see the
technical data sheet at www.ceasaespana.com

CODE	MODEL	COUPLING IN/OUT	COUPLING DRAIN	FLOW max. (m3/h)	COUPLING TANK	TANK RANGE	DISPLAY
B-404415	K86	3/4"H / 3/4"M	3/4" M	2.0	3/4" M TOP BOTTOM	8" ~ 12"	LED
B-400442	K87	1" M	3/4" M	4.0	1" M TOP BOTTOM	14" ~ 16"	LED

VALVE FOR IRON REMOVERS

NEW

- Valve and accessory to eliminate iron and/or manganese in water with a high concentration of these elements, for pre-treatment prior to an industrial softening system or demineralisation system.
- High level of aeration of dissolved oxygen.
- Automatic air purge valve to constantly drain residual gas.
- Control of air inlet via electrovalve.
- Work mode: Volumetric/Chronometric
- Simple structure and reliable sealing



K67B3



Water temperature 5°C - 25°C



Power supply: 230/110 V 50/60 Hz.



Operating pressure: 1.5 - 6 bar



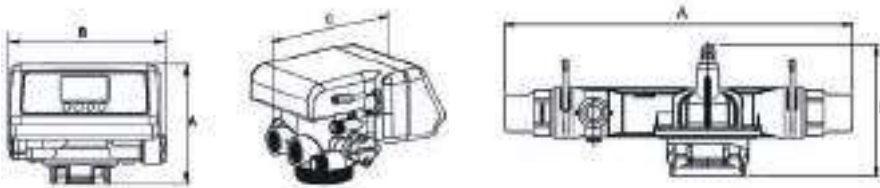
LED display



Free auxiliary contact outlet connection. Input connection for remote control (alarm, PLC, etc.), 5 -24 V.



K107B



Note: For weights and measures, see the technical data sheet at www.ceasaespana.com

CODE	MODEL	COUPLING IN/OUT	COUPLING DRAIN	BACKWASH FLOW (m3/h)	FLOW FLOW max. (m3/h)	COUPLING TANK	TANK RANGE
B-400484	K67B3	1" H	1" H	5.0	1.5	2.5" TOP	6" ~ 14"
C-400913	K107B	1" M	-	-	1.5	2.5" TOP	8" ~ 12"

PLASTIC BODY TWO-WIRE ELECTROVALVES

- Two-wire ceramic ball valves.
- Patented technology
- Airtight under torque closing (smooth opening and closing).
- Requires polarity to be inverted for opening and closing



Operating pressure:
0 - 10 bar

PPO

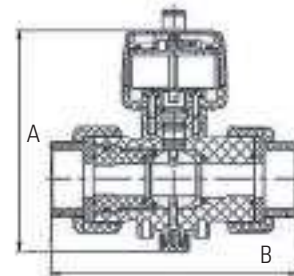
Valve body
available in PPO.



Operation temperature
1°C - 60°C



CODE	MODEL	E / S CONNECTION	OPENING AND CLOSING (s)	VOLTAGE (V DC)
THREAD CONNECTION				
C-713077	R20	3/4"	3	+/- 24
C-713079	R20	3/4"	3	+/- 12
C-713080	R20	3/4"	3	+/- 6
C-713072	R25	1"	3	+/- 24
C-713081	R25	1"	3	+/- 12
C-713082	R25	1"	3	+/- 6
C-713074	R32	1 1/4"	7.5	+/- 24
C-713083	R32	1 1/4"	7.5	+/- 12
C-713075	R40	1 1/2"	7.5	+/- 24
C-713084	R40	1 1/2"	7.5	+/- 12
C-713076	R50	2"	7.5	+/- 24
PEGA CONNECTION				
C-713085	P25	DN25	3	+/- 24
C-713086	P25	DN25	3	+/- 12
C-713087	P25	DN25	3	+/- 6
C-713088	P32	DN32	7.5	+/- 24
C-713089	P32	DN32	7.5	+/- 12
C-713090	P40	DN40	7.5	+/- 24
C-713091	P40	DN40	7.5	+/- 12
C-713092	P50	DN50	7.5	+/- 24
C-713093	P65	DN65	7.5	+/- 36
C-713094	P80	DN80	7.5	+/- 36
FLANGE COUPLING				
C-713095	B65	B65	7.5	+/- 36
C-713096	B80	B80	7.5	+/- 36



Note: For weights and measures, go to www.ceasaespana.com

PLASTIC BODY THREE-WIRE ELECTROVALVES

- Three-wire ceramic ball valves.
- Patented technology
- Airtight under torque closing (smooth opening and closing).



Operating pressure:
0 - 10 bar

PPO

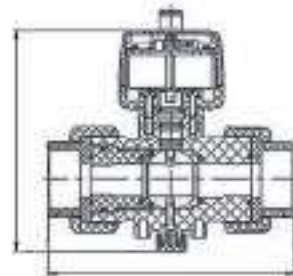
Valve body
available in PPO.



Operation temperature
1°C - 60°C



CODE	MODEL	E / S CONNECTION	OPENING AND CLOSING (s)	VOLTAGE (V DC)
THREAD CONNECTION				
C-713097	R20	3/4"	3	24
C-713098	R20	3/4"	3	12
C-713099	R20	3/4"	3	6
C-713100	R25	1"	3	24
C-713101	R25	1"	3	12
C-713102	R32	1"	3	6
C-713103	R32	1 1/4"	7.5	24
C-713104	R32	1 1/4"	7.5	12
C-713105	R40	1 1/2"	7.5	24
C-713106	R40	1 1/2"	7.5	12
C-713107	R50	2"	7.5	24
PEGA CONNECTION				
C-713108	P25	DN25	3	24
C-713109	P25	DN25	3	12
C-713110	P25	DN25	3	6
C-713111	P32	DN32	7.5	24
C-713112	P32	DN32	7.5	12
C-713113	P40	DN40	7.5	24
C-713114	P40	DN40	7.5	12
C-713115	P50	DN50	7.5	24



Note: For weights and measures, go to www.ceasaespana.com

AISI 316 STAINLESS STEEL BODY THREE-WIRE ELECTROVALVES

- Ceramic ball valves.
- Patented technology
- Airtight under torque closing (smooth opening and closing).



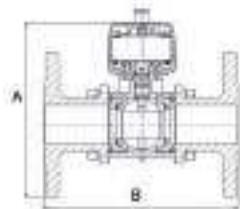
Operating pressure:
0 - 16 bar



Operation temperature
1°C - 60°C

**AISI
316**

Valve body
available in AISI 316.



Note: For weights and measures,
go to www.ceasaespana.com



Thread connection



Flange coupling

CODE	MODEL	E / S CONNECTION	OPENING AND CLOSING (s)	VOLTAGE (V DC)
THREAD CONNECTION				
C-713118	IR20	1/2"	3	24
C-713119	IR20	1/2"	3	12
C-713120	IR20	1/2"	3	6
C-713121	IR25	1"	3	24
C-713122	IR25	1"	3	12
C-713123	IR25	1"	3	6
C-713124	IR32	1 1/4"	7.5	24
C-713125	IR32	1 1/4"	7.5	12
C-713126	IR40	1 1/2"	7.5	24
C-713127	IR40	1 1/2"	7.5	12
C-713128	IR50	2"	7.5	24
FLANGE COUPLING				
C-713600	IB20	DN20	3	24
C-713601	IB20	DN20	3	12
C-713602	IB20	DN20	3	6
C-713603	IB25	DN25	3	24
C-713604	IB25	DN25	3	12
C-713605	IB25	DN25	3	6
C-713606	IB32	DN32	7.5	24
C-713607	IB32	DN32	7.5	12
C-713608	IB40	DN40	7.5	24
C-713609	IB40	DN40	7.5	12
C-713610	IB50	DN50	7.5	24

SPARE PARTS

CODE	MODEL	UNITS per box
C-713279	Keramis valves interlock cable (INTERLOCK)	1
C-713284	Keramis 3/4" BY-PASS clip	1
C-713217	Keramis 1" BY-PASS clip	1
C-713283	3/4" Mixing by pass fixing clip	1
C-713053	Injector clip for valve 3/4" and 1"	1
C-713297	BY-PASS 3/4" flat ring	5
C-713296	BY-PASS 1" flat ring	5
C-713228	Keramis 2 1/2" base O-ring	5
C-713252	Keramis 12 VDC/ 1.5A Valve Transformer	
C-713276	Keramis 24 VDC Valve Transformer	1
C-713292	BY-PASS 3/4" Turbine	1
C-400425	BY-PASS 1" Turbine	1
C-400424	2" meter turbine	1
C-400423	Turbine for K79/K105 3/4"	1
C-400426	Turbine for K82 1"	1



Valves interconnection cable

Keramis BY-PASS
3/4" clip

Mixing fixing clip



Flat ring



O-ring



Transformer



Turbine

INJECTORS

CODE	MODEL	UNIT
C-713462	Complete V2 brown injector body for 6" tanks	1
C-713467	Complete V2 pink injector body for 7" tanks	1
C-713461	Complete V2 yellow injector body for 8" tanks	1
C-713457	Complete V2 blue injector body for 9" tanks	1
C-713460	Complete V2 white injector body for 10" tanks	1
C-713465	Complete V2 black injector body for 12" tanks	1
C-713463	Complete V2 purple injector body for 13" tanks	1
C-713466	Complete V2 red injector body for 14" tanks	1
C-713464	Complete V2 green injector body for 16" tanks	1
C-713468	Complete V2 orange injector body for 18" tanks	1
C-713270	Brown injector for 20" tanks (K74)	1
C-713271	Pink injector for 22" tanks (K74)	1
C-713272	Yellow injector for 24" tanks (K74)	1
C-713273	Blue injector for 30" tanks (K74)	1
C-713274	White injector for 32" tanks (K74)	1
C-713275	Black injector for 36" tanks (K74)	1
C-713301	Brown injector for 24" tanks (K77/95/99/111)	1
C-713302	Pink injector for 30" tanks (K77/95/99/111)	1
C-713303	Yellow injector for 36" tanks (K77/95/99/111)	1
C-713315	Yellow injector for 48" tanks (K112/96)	1
C-713316	Brown injector for 36" tanks (K112/96)	1
C-713317	Pink injector for 42" tanks (K112/96)	1



STANDARD BY-PASS

- System for repair and maintenance with no need to cut off the water supply.
- By-pass accessory for domestic valves (K70F industrial).
- Installation without tools using connection clip.
- Turbine meter integrated into all models.
- Highly corrosion resistant.
- Long-lasting airtight opening and closing.



Water temperature
5°C - 50°C



Maximum operating pressure:
6 bar



Power supply:
230/110 V 50/60 Hz.



Integrated MIXING
(K70A and K70B)

CODE	MODEL	E / S CONNEC- TION	FLOW max. (m3/h)
B-400415	K70AL By-pass	1" M	4.0
B-400416	K70BL By-pass	3/4" M	2.0
B-400419	K70CL By-pass	1" M	4.0
B-400421	K70CSL By-pass	1" M	4.0
B-400418	K70DL By-pass	3/4" M	2.0
B-400422	K70FL By-pass	1" M	6.0

K70AL



K63/K68 valves

K70BL



K65/K69 valves

K70CL



K63/K68/K82 valves

K70CSL



K63/K68/K82 valves

K70DL



K79/K105 valves

K70FL



K92 valve

Note: For changes of a more technical nature, see complete valve parts list at www.ceasaespana.com

MOTORS

CODE	MODEL	UNITS per box
C-713341	Motor K71B1/71B3/65P3/69P3/65C3/69A3 /69D3 KIT	1
C-712635	Motor K112A3/112B1 KIT	1
C-712236	Motor K63P3/68P3/63C3/68C3/68D3 (Plastic) KIT	1
C-713326	Motor K63P3/68P3/63C3/68C3/68D3 (Metal) KIT	1
C-712636	Motor K86 KIT	1
C-712637	Motor K87 KIT	1
C-713323	Motor K73 KIT	1
C-712638	Motor K82A KIT and B-LED/82A and B-LCD	1
C-712639	Motor K98A KIT	1
C-712633	Motor K67B1/67B3 (Plastic) KIT	1
C-712634	Motor K67B1/67B3 (Metal) KIT	1

CODE	MODEL	UNITS per box
C-713342	Motor K79A3/79B3/79B-LCD/79B-LCD WIFI/105A-B KIT	1
C-713327	Motor K74A3 KIT	1
C-713057	Motor K77B1/77A3 KIT	1
C-713054	Motor K75A1/75A3 KIT	1
C-712640	Motor K111B1/95D3/111A3/88A KIT	1
C-712641	Motor K92A/92B KIT	1
C-712642	Motor K96A3/96B1 KIT	1
C-712643	Motor K 99D3 KIT	1



CIRCUITS

CODE	MODEL	UNIT
C-709114	Display circuit K71B1/71B3/67B1/67B3/75A1/75A3/65C3/69A3/79A3/79B3/63C3/68C3/82B3/92A/92B/74A3/96A3/99D3/112A3/73/96B1/112A3	1
C-400811	Display circuit K69D3/68D3/79A-LCD/79B-LCD/82B-LCD/79-WIFI/82-WIFI	1
C-713530	Display circuit K105A-B	1
C-713448	Display circuit K77B1/88A/98A/111B1/77A3/95D3/111A3	1
C-713531	Display circuit K86/87	1
C-712694	Display circuit K65P3/69P3/63P3/68P3	1
C-709121	Main circuit K71B1/67B1/65C3/69A3/63C3/68C3	1
C-713408	Main circuit K73	1
C-713451	Main circuit K86/87	1
C-713532	Main circuit K88A/98A	1
C-713407	Main circuit K79A3/79B3/82A3/82B3	1
C-713445	Main circuit K79B-LCD/82B-LCD	1

CODE	MODEL	UNIT
C-400823	Main circuit K79 WIFI/82 WIFI	1
C-713533	Main circuit K92A/92B	1
C-712655	Main circuit K75A1/74A3	1
C-713539	Main circuit K75A3	1
C-713447	Main circuit K77B1/77A3	1
C-713523	Main circuit K69D3/68D3	1
C-713534	Main circuit K111B1/95D3/111A3	1
C-713535	Main circuit K96A3/112A3/96B1/112B1	1
C-713536	Main circuit K65P3/69P3/63P3/68P3	1
C-400490	Main circuit K105A-B	1
C-713537	Main circuit K99D3	1
C-713538	Main circuit K71B3/67B3	1



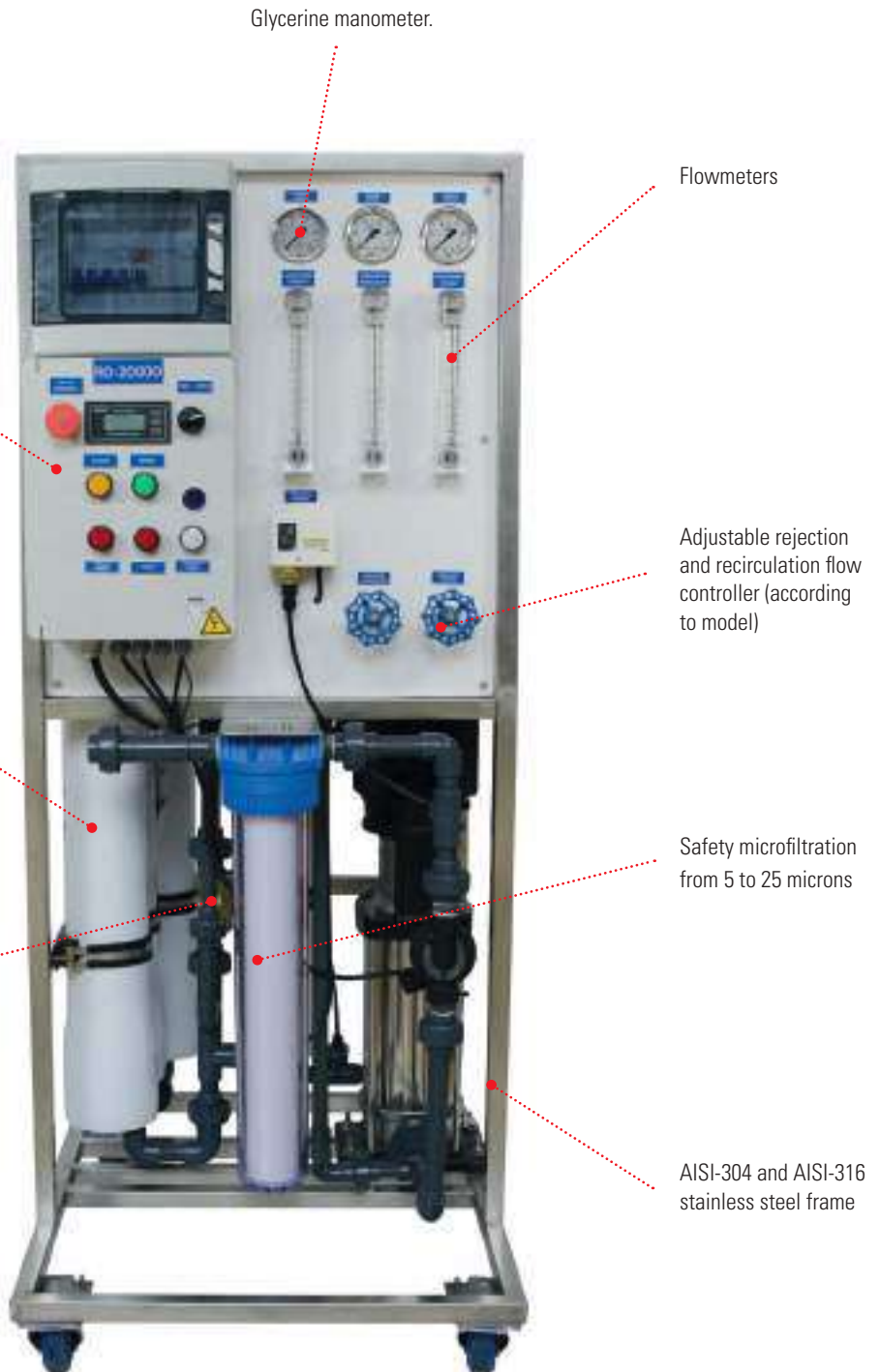
Note: For spare parts of the top strainer, see chapter 14 of this catalogue.

8 SEMI-INDUSTRIAL INDUSTRIAL OSMOSIS

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Small, high-performance reverse osmosis equipment for producing water with low content in salts, free of viruses and chemical contaminants.

- Control panel with circuit breaker, differential switch and thermal protection.
- Minimum input pressure warning pilot.
- Intake and permeate conductivity probe with display and adjustable setpoints via PLC (according to model).
- Programmable automatic flushing.
- Control of the maximum level of the product tank.



The equipment performance varies according to different parameters, such as pressure, temperature, water salinity and the state of the parts that make it up. All the osmosis equipment should be complemented by a specific pre-treatment according to the quality of the intake water. Post-treatment may also be necessary according to the utility of the treated water.

FLIPPER ECO



- Small, high-performance semi-industrial reverse osmosis equipment.
- Control circuit with option of connecting to an auxiliary pump.



Operating temperature:
5°C - 35°C



Inlet pressure 4 - 8 bar



Auto flushing of
membranes



Production up to
2,000 litres/day



Power supply:
230V 50Hz y 110V 60Hz



Maximum salinity (TDS): 2,000 mg/l



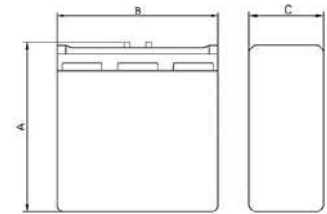
Class I electrical safety.
Precise earthing



External tilting level probe



An activated carbon tank of 12 litres minimum should be installed beforehand on the Para Flipper-1. A 5 micron sediment filter should also be installed on the Flipper-2.



CODE	MODEL	FLOW PRODUCTION max. (l/h)	UNIT	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-270000	FLIPPER-1	41.6	1	421 x 370 x 170	10
A-271000	FLIPPER-2	83.3	1	421 x 370 x 170	11

CONSUMABLES

CODE	MODEL	UNITS per box
C-340235	25 µm 9 3/4" polypropylene cartridge	50
A-718100	Carbon Cartridge + KDF 9 3/4"	10
C-270055	300 GPD Membrane	16



Polypropylene
Cartridge



Carbon
cartridge



Membrane

FLIPPER COMPACT

- Small, semi-industrial reverse osmosis equipment for different uses and sectors.
- Flipper Compact frame in AISI 304 stainless steel.
- Flipper Pure Inox casing in AISI 304 satin finish stainless steel.
- 1 glycerine manometer.
- 1 flowmeter (Flipper Compact) and 2 flowmeters (Flipper Pure Inox).
- 25-micron safety microfiltration.



FLIPPER COMPACT



Optional Tank



Operating temperature:
5°C - 35°C



Intake pressure:
2 - 4 bar



Auto flushing of
membranes



Production up to
2,000 litres/day



Power supply:
230V 50Hz. Optional 110V 60Hz



Maximum salinity (TDS):
2,000 mg/l



Class I electrical safety
Precise earthing



Connector to external level
probe



Conductivity meter for
supervision of osmosis water
quality



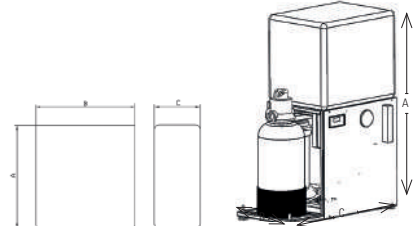
Flipper Pure Inox with reverse
osmosis double throughput for
special applications with production
of 1.2 LPM of ultra-pure water.



FLIPPER PURE INOX



FLIPPER COMPACT
50L HORECA



CODE	MODEL	FLOW PRODUCTION max. (L/h)	COUPLING	UNIT	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-271003	FLIPPER COMPACT	83.3	1/2"	1	640 x 670 x 350	40
A-270004	FLIPPER COMPACT WITH 50 L TANK	83.3	1/2"	1	1,040 x 670 x 350	41
A-271004	FLIPPER PURE INOX	63	5/16"	1	650 x 650 x 350	46
A-271006	FLIPPER COMPACT 50L HORECA	83.3	5/16"	1	630 x 440 x 540	37

CONSUMABLES

CODE	MODEL	UNITS per box
C-340235	Polypropylene Cartridge 25 µm 9 3/4" (All models)	50
A-718020	Active carbon cartridge 9 3/4" (Pure Inox)	10
C-270055	300 GPD Membrane (all models)	16
C-270010	400 GPD Membrane (Flipper Pure Inox)	16
A-850306	25 kg bag active carbon (Flipper Compact)	1



Polypropylene Cartridge



Carbon cartridge



Membrane



Active carbon

MURAL 5000

- Semi-industrial reverse osmosis unit for waters with low salinity.
- Wall mounting.
- AISI-304 stainless steel frame
- 3 glycerine manometers and 3 flowmeters.
- 5-micron safety microfiltration.



Operating temperature:
5°C - 35°C



Intake pressure:
2-2 bar



Maximum inlet level
of chlorine: 0.05 ppm



Production up to
5,000 litres/day



Power supply:
230V 50Hz y 110V 60Hz



Maximum salinity (TDS):
1,500 mg/l



Class I electrical safety
Precise earthing



pH range:
5 - 9



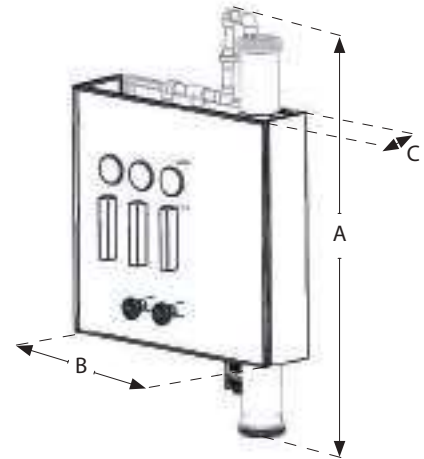
Maximum turbidity:
1.0 NTU



TDS elimination:
99.2%



Calculated nominal flow
for 20°C and 3,000 TDS



CODE	MODEL	FLOW max. (m3/d)	COUPLING	MEASUREMENTS A x B x C mm
A-210111	MLX-5000	5	3/4"	1,280 x 1,010 x 340

CONSUMABLES

CODE	MODEL	UNITS per box
C-340205	5 µm polypropylene cartridge	25
C-203662	40 x 40 membrane	1



Polypropylene cartridge



Membrane

ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNIT per box
C-202036	Brass check valve	1
C-265007	Level probe	1
B-265011	Head TRI/FLIPPER1 without accessories	1
B-265013	Head FLIPPER2/COMPACT/PURE without accessories	1
B-265002	Head FLIPPER2/ COMPACT/ PURE complete with accessories	1
D-000028	Panel flowmeter 0.5-4 LPM	1
C-254407	Conductivity meter + Probe	1
C-203840	1/2" flow controller	1
B-270004	Tank with pump for Flipper Compact	1
C-270041	Electrovalve 24 VDC Flipper	1
C-202605	AP200 motor pump unit	1
C-210000	Mural motor pump unit	1
C-240040	Stainless steel 0-16 bar glycerine manometer	1
C-270011	Membrane holder 3013-400G	1
C-714240	40 x 40 Membrane holder	1
A-195012	3PL vessel for Mural 5.000	1
C-185015	Opaque vessel C	1
C-202464	Flipper Compact membrane vessel	1
C-185014	Transparent vessel C	1



Brass check valve



Level probe



TRI/FLIPPER head



Panel flowmeter

Conductivity meter +
Probe

Flow controller



Tank with pump



Electrovalve



Motor pump unit



Manometer

Membrane holder
3013-400G40 x 40 Membrane
holder

3PL vessel for Mural



Opaque vessel C

Transparent
vessel C

RO BLX

- Industrial reverse osmosis unit for waters with low salinity.
- AISI-304 stainless steel frame.
- 3 glycerine manometers and 3 flowmeters.
- 5-micron safety microfiltration.



Operating temperature:
5°C - 35°C



Intake pressure:
2 - 4 bar



Maximum inlet level
of chlorine: 0.05 ppm



Maximum salinity (TDS):
3,000 mg/l



TDS elimination:
99.2%



pH range:
5 - 9



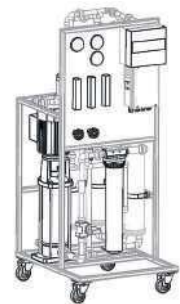
Maximum turbidity:
1.0 NTU



Calculated nominal flow
for 20°C and 3,000 TDS



CODE	MODEL	FLOW max. (m3/d)	POWER kW	VOLTAGE VAC	No. MEMBRANES	MEASUREMENTS A x B x C mm
A-714410	BLX 5000	5	1.1	230	1	600 x 1,480 x 720
A-715410	BLX 10000	10	1.1	230	2	600 x 1,480 x 720
A-716410	BLX 15000	15	1.5	380	3	600 x 1,480 x 720
A-717410	BLX 20000	20	1.5	380/380	4	600 x 1,480 x 720
A-718410	BLX 30000	30	1.5	380	6	2,500 x 1,480 x 850
A-719410	BLX 40000	40	2.2	380	8	2,500 x 1,480 x 850
A-720410	BLX 50000	50	3.0	380	10	2,500 x 1,480 x 850



OPTIONAL

CODE	MODEL
B-210112	Flushing kit with permeate water 30000-50000
B-210113	Mixture for permeate 1/2"
B-210114	PLC from BLX 30000 upwards



PLC from BLX 30000
upwards

CONSUMABLES

CODE	MODEL	UNIT per box
C-340205	5 µm polypropylene cartridge	25
C-203662	Membrane 40 x 40 brackish water	1



Polypropylene cartridge



Membrane

RO NLX

- Industrial reverse osmosis unit for waters with medium salinity.
- AISI-304 stainless steel frame carrier.
- 4 glycerine manometers and 3 flowmeters.
- PLC-controlled.
- Permeate conductivity probe sensor with display (with PLC programmable setpoint).
- 5-micron safety microfiltration.



Operating temperature:
5°C - 35°C



Maximum turbidity:
1.0 NTU



Calculated nominal flow
for 20°C and 6,000 TDS



Maximum inlet level
of chlorine: 0.05 ppm



TDS elimination:
99.2%



pH range:
5 - 9



Intake pressure:
2 - 4 bar



Maximum salinity (TDS):
3,000 mg/l up to NLX 40,000
6,000 mg/l from NLX 60,000
For higher levels, contact our Technical
Dept.



For plant weights and
measurements, contact our
Technical Dept.

CODE	MODEL	FLOW max. (m3/d)	POWER kW	VOLTAGE VAC	N° MEMBRANES
A-210110	NLX 5000	5	1.1	220-380	1 (40 x 40)
A-211110	NLX 10000	10	1.1	380	2 (40 x 40)
A-212110	NLX 15000	15	1.5	380	3 (40 x 40)
A-213110	NLX 20000	20	1.5	380	4 (40 x 40)
A-214110	NLX 25000	25	1.5	380	5 (40 x 40)
A-215110	NLX 30000	30	1.5	380	6 (40 x 40)
A-216110	NLX 40000	40	2.2	380	8 (40 x 40)
A-216111	NLX 60000	60	3.5	380	4 (80 x 40)
A-216112	NLX 80000	80	4.0	380	6 (80 x 40)
A-216113	NLX 100000	100	4.5	380	8 (80 x 40)
A-216114	NLX 120000	120	6.0	380	10 (80 x 40)
A-216115	NLX 150000	150	7.0	380	12 (80 x 40)
A-216116	NLX 200000	200	9.0	380	14 (80 x 40)

Note: This table is for guidance purposes only. Consult with the Technical Department.

OPTIONAL

CODE	MODEL
B-216000	PLC with touch screen
B-216001	Permeate water flushing kit 5 to 20 m3/d
B-216002	Permeate water flushing kit 25 to 40 m3/d
B-216003	Permeate water flushing kit 60 to 100 m3/d
B-216004	Permeate water flushing kit 120 to 200 m3/d
B-216005	Mixture for permeate
B-216006	Inlet conductivity meter
B-216007	High pressure switch
B-202150	300 L Manual membrane washing kit
B-202160	500 L Manual membrane washing kit

CONSUMABLES

CODE	MODEL	UNIT per box
C-203662	Membrane 40 x 40 brackish water	1
C-203722	Membrane 80 x 40 brackish water	1



PLC with touch screen



Membranes

Note: Contact the Technical Department about the membrane type.

RO LX

- Highly automated industrial reverse osmosis unit for waters with medium salinity.
- AISI-316 stainless steel frame.
- Reject and recirculation flow controller in AISI-316.
- 4 glycerine manometers and 3 flowmeters.
- Control via PLC with touch screen.
- Inlet and permeate conductivity probe with display (PLC programmable setpoints).
- Flushing with permeate water (optional).
- Permeate sample taking.
- 5-micron safety microfiltration.
- Maximum operation pressure alarm.



Operating temperature:
5°C - 35°C



pH range:
5 - 9



Calculated nominal flow
for 20°C and 6,000 TDS



Maximum inlet level
of chlorine: 0.05 ppm



Maximum turbidity:
1.0 NTU



TDS elimination:
99.2%



Intake pressure:
2 - 4 bar



Maximum salinity (TDS):
6,000 mg/l (for higher levels,
contact our Technical Dept.)



For plant weights and
measurements, contact our
Technical Dept.

CODE	MODEL	FLOW max. (m ³ /d)	POWER kW	VOLTAGE VAC	N° MEMBRANES
A-222100	LX 100000	100	5.0	380	8 (80 x 40)
A-214111	LX 150000	150	7.0	380	12 (80 x 40)
A-214112	LX 200000	200	9.0	380	14 (80 x 40)
A-214113	LX 250000	250	10.0	380	16 (80 x 40)
A-214114	LX 300000	300	12.0	380	18 (80 x 40)
A-214115	LX 400000	400	16.0	380	24 (80 x 40)
A-214116	LX 600000	600	26.0	380	30 (80 x 40)
A-214117	LX 800000	800	32.0	380	48 (80 x 40)
A-214118	LX 1000000	1,000	37.0	380	64 (80 x 40)

Note: This table is for guidance purposes only. Consult with the Technical Department.

OPTIONAL

CODE	MODEL
B-214101	Digital flow readings
B-214102	Digital pressure readings
B-214103	Digital tank level readings
B-216005	Mixture for permeate
B-202150	300 L Manual membrane washing kit
B-202160	500 L Manual membrane washing kit

CONSUMABLES

CODE	MODEL	UNIT per box
C-203722	Membrane 80 x 40 brackish water	1



Membrane

Note: Contact the Technical Department about the membrane type.

RO SW

- Industrial reverse osmosis unit for seawater.
- AISI-316 stainless steel frame.
- Reject flow controller in AISI-316.
- 4 glycerine manometers and 2 flowmeters.
- Control via PLC (with touch pad as standard from SW 100000 upwards).
- Intake and permeate conductivity probe with display and adjustable setpoints via PLC (according to model).
- Flushing with permeate water (optional).
- Permeate sample taking.
- Control of the maximum level of the product tank.
- Automatic control of peripherals.
- 5-micron safety microfiltration.
- Maximum operation pressure alarm.



Operating temperature:
5°C - 35°C



pH range:
5 - 9



Maximum
turbidity:
1.0 NTU



Calculated nominal
flow for 20°C and
35,000 TDS



Maximum inlet level
of chlorine: 0.05 ppm



TDS elimination:
99.2%



Intake pressure:
2-2 bar



Maximum salinity (TDS):
35,000 mg/l (for higher levels,
contact our Technical Dept.)



For plant weights and
measurements, contact our
Technical Dept.

CODE	MODEL	FLOW max. (m ³ /d)	POWER kW	VOLTAGE VAC	N° MEMBRANES
A-207105	SW 5000	5	2.0	380	2 (40 x 40)
A-210105	SW 10000	10	3.0	380	4 (40 x 40)
A-212105	SW 20000	20	4.0	380	6 (40 x 40)
A-217105	SW 40000	40	9.0	380	3 (80 x 40)
A-221105	SW 80000	80	16.0	380	6 (80 x 40)
A-217104	SW 100000	100	20.0	380	8 (80 x 40)
A-217106	SW 150000	150	28.0	380	12 (80 x 40)
A-217107	SW 200000	200	36.0	380	16 (80 x 40)
A-217108	SW 400000	400	70.0	380	35 (80 x 40)
A-217109	SW 600000	600	105.0	380	49 (80 x 40)
A-217111	SW 800000	800	142.0	380	63 (80 x 40)
A-217112	SW 1000000	1000	180.0	380	84 (80 x 40)

Note: This table is for guidance purposes only. Consult with the Technical Department.

OPTIONAL

CODE	MODEL
B-214101	Digital flow readings
B-214102	Digital pressure readings
B-214103	Digital tank level readings
B-202160	500 L Manual membrane washing kit

CONSUMABLES

CODE	MODEL	UNIT per box
C-203723	40 x 40 SW membrane	1
C-203726	80 x 40 SW membrane	1



Membranes

Note: Contact the Technical Department about the membrane type.

RO SUPPLIED WITH SOLAR ENERGY

Water desalination stations for remote areas without access to the electricity grid.



Design of special autonomous stations as per customer specifications. Contact Sales Dept.



Minimal impact. Noise-free surroundings thanks to generator sets.



Environmentally friendly units supplied solely by solar panels.



Feasibility studies carried out in line with international standards on solar radiation and geographical location.



Savings of approximately 87 Tm of CO₂ a year for each 100 kWp installation.

ACCESSORIES AND SPARE PARTS



Check valve



Flow controller



E.V. Flushing



E.V. brass flushing



E.V. PVC



Manometer



Nautilus



Pressure switch



Level probe

CODE	MODEL	EQUIPMENT
C-254400	½" check valve	BLX
C-254401	¾" check valve	BLX
C-203840	½" flow controller	All
C-203841	¾" flow controller	All
C-204156	1" flow controller	All
C-202852	1 ¼" flow controller	All
C-202652	2" flow controller	All
C-254394	E.V. Flushing BLX 220 VAC ¾"	BLX
C-254395	E.V. Flushing BLX 220VAC 1"	BLX
C-203192	E.V. Flushing BLX 220 VAC 1 ¼"	BLX
C-202211	E.V. Flushing Stainless Steel Ball ¾"	SW-LX-NLX
C-202110	E.V. Flushing Stainless Steel Ball 1"	SW-LX-NLX
C-202856	E.V. Flushing Stainless Steel Ball 1 ¼"	SW-LX-NLX
C-203567	E.V. Flushing Stainless Steel Ball 1 ½"	SW-LX-NLX
C-203177	E.V. PVC 24 VDC ¾"	NLX-LX-SW

CODE	MODEL	EQUIPMENT
C-203178	E.V. PVC 24 VDC 1"	NLX-LX-SW
C-217100	E.V. PVC 24 VDC 1 ¼"	NLX-LX-SW
C-203399	E.V. PVC 24 VDC 1 ½"	NLX-LX-SW
C-203460	E.V. PVC 220 VAC ¾"	BLX
C-203191	E.V. PVC 220 VAC 1"	BLX
C-203144	E.V. PVC 220 VAC 1 ¼"	BLX
C-202533	0-10 BAR Manometer for panel	SW
C-202846	0-150 BAR Manometer for panel	SW
C-202009-B	0-10 BAR Manometer for panel	BLX-NLX-LX
C-202009	0-25 BAR Manometer for panel	BLX-NLX-LX
C-203108-P	Nautilus 10-160 BAR	SW
C-203844	BLX pressure switch	BLX
C-203049	KPI35 pressure switch	All
C-203051	KPI38 pressure switch	LX
C-265007	Level probe	All

MEMBRANE HOLDER

Made of fibreglass reinforced with epoxy resin



CODE	MODEL	PRESSURE PSI	CONNECTION E/S
C-714240	40 x 40 - 1 membrane	300	FRONTAL
C-714241	40 x 40 - 2 membranes	300	FRONTAL
C-714251	40 x 40 - 1 membrane	1000	FRONTAL
C-714252	40 x 40 - 2 membranes	1000	FRONTAL
C-714266	80 x 40 - 1 membrane	300	SIDE
C-714267	80 x 40 - 2 membranes	300	SIDE
C-714268	80 x 40 - 3 membranes	300	SIDE
C-714269	80 x 40 - 4 membranes	300	SIDE
C-714270	80 x 40 - 5 membranes	300	SIDE

CODE	MODEL	PRESSURE PSI	CONNECTION E/S
C-714262	80 x 40 - 6 membranes	300	SIDE
C-714271	80 x 40 - 7 membranes	300	SIDE
C-714277	80 x 40 - 1 membrane	1,000	SIDE
C-714278	80 x 40 - 2 membranes	1,000	SIDE
C-714279	80 x 40 - 3 membranes	1,000	SIDE
C-714280	80 x 40 - 4 membranes	1,000	SIDE
C-714261	80 x 40 - 5 membranes	1,000	SIDE
C-714255	80 x 40 - 6 membranes	1,000	SIDE
C-714256	80 x 40 - 7 membranes	1,000	SIDE

RO BLX PUMPS

- Centrifugal pumps.
- Pumps recommended for low salinity.

CODE	MODEL	POWER kW	COUPLING E/S Flange	MEASUREMENTS A x B x C mm	WEIGHT Kg
C-254396	5,000/10,000	1.1	DN25	675 x 170 x 142	29
C-254397	15,000/20,000	1.5	DN25	802 x 190 x 155	36
C-254380	30,000	1.5	DN25	928 x 190 x 155	42
C-254381	40,000	2.2	DN25	928 x 190 x 155	42
C-254382	50,000	3.0	DN32	1,120 x 230 x 188	57



GRUNDFOS PUMPS

- Centrifugal pumps.
- Recommended for both high and low salinity.



CALPEDA PUMPS

- Centrifugal pumps.
- Pumps recommended for low salinity.



DANFOSS PUMPS

- Positive displacement pumps
- Pumps recommended for high salinity.



CAT MOTOR PUMP UNITS

- Positive displacement pumps
- Pumps recommended for high salinity.



GRUNDFOS PUMPS

- Centrifugal pumps.
- Recommended for both high and low salinity.



CALPEDA PUMPS

- Centrifugal pumps.
- Pumps recommended for low salinity.



DANFOSS PUMPS

- Positive displacement pumps
- Pumps recommended for high salinity.



CAT MOTOR PUMP UNITS

- Positive displacement pumps
- Pumps recommended for high salinity.



9 WATER DISPENSERS

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Modern designs that can be adapted to all types of décor and location.

Optional accessory: Magnetic vessel dispenser

Ice dispenser (according to model)

Models that cover all types of needs (from small offices to large office units)

Different treatment options: filtration, ultra-filtration or reverse osmosis

Energy saving ECO function (according to model)

3 water temperatures: hot, cold and natural (according to model)

Child-proof system for hot water taps

Free-standing or desktop models (according to model)

Easy and fast installation



Note: The performance of the equipment varies according to the water temperature, pressure, salinity and level of saturation of the elements.

FIORD / FIORD-S

- Water dispenser equipped with reverse osmosis or filtration system (according to model).
- Modern design that can be adapted to any surroundings.
- Child-proof tap system for hot water taps.
- Accumulation tank and piping in stainless steel.
- Aquastop: damp detection safety system.



Three water temperatures:
Hot, cold and ambient
(2 simultaneous)



Minimum inlet
pressure:
1,5 bar



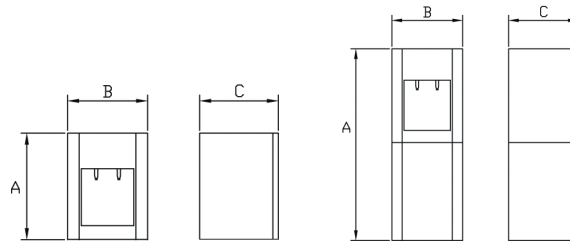
Inlet water temperature:
4°C - 38°C



Power supply:
230 V 50 Hz.



Refrigerant compressor:
R-134^a ecological.



FIORD-S

FIORD

CODE	MODEL	PUR. CAP. HOT WATER (L)	PUR. CAP. COLD WATER (L)	PUR. CAP. AMBIENT WATER (L)	POWER W	UNIT PALLET	MEASURE-MENTS A x B x C mm	WEIGHT Kg
A-904004	FIORD FILTRATION WO/P WO/UV	2	3	2.6	640	5	1,124 x 283 x 390	21.6
A-904002	FIORD OSMOSIS WO/P WO/UV	2	3	2.6	640	5	1,124 x 283 x 390	21.6
A-904010	FIORD-S OSMOSIS WO/P WO/UV	1	2	1.2	640	12	560 x 283 x 430	17.3

*WO/P: Without Pump WO/UV: Without Ultra-Violet

CONSUMABLES AND ACCESSORIES

CODE	MODEL	UNIT per box
C-950247	Encapsulated U 5 µm Sediment Filter	30
C-950246	Encapsulated carbon cartridge type U spout	30
A-253133	Membranes 1812-75G	25
C-950223	Post-filter type U spout	30
C-950605	Magnetic vessel dispenser	1



FIORD PLUS

- Water dispenser equipped with reverse osmosis or filtration system (according to model).
- Modern design that can be adapted to any surroundings.
- Child-proof tap system for hot water taps.
- Accumulation tank and piping in stainless steel.
- Aquastop: damp detection safety system.

NEW



Three water temperatures: Hot, cold and ambient (2 simultaneous)



Minimum inlet pressure: 1,5 bar



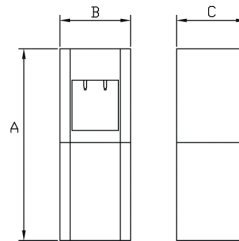
Inlet water temperature: 4°C - 38°C



Power supply: 230 V 50 Hz.



Refrigerant compressor: R-134^a ecological.



CODE	MODEL	PUR. CAP. HOT WATER (L)	PUR. CAP. COLD WATER (L)	PUR. CAP. AMBIENT WATER (L)	POWER W	UNIT PALLET	MEASURE-MENTS A x B x C mm	WEIGHT Kg
A-904022	FIORD PLUS FILTRATION WO/P WO/UV	5	5	6	1,335	4	1,305 x 345 x 450	30
A-904020	FIORD PLUS OSMOSIS WO/P WO/UV	5	5	6	1,335	4	1,305 x 345 x 450	30

*WO/P: Without Pump WO/UV: Without Ultra-Violet

CONSUMABLES AND ACCESSORIES

CODE	MODEL	UNIT per box
C-950247	Encapsulated U 5 µm Sediment Filter	30
C-950246	Encapsulated carbon cartridge type U spout	30
C-253224	Membranes 1812-150G	25
C-950223	Post-filter type U spout	30
C-950605	Magnetic vessel dispenser	1



IGUASSU / IGUASSU PLUS

NEW

- Water and ice dispenser equipped with reverse osmosis system.
- Elegant, compact design, with easy to change filter system.
- Water dispenser with anti-drip system.
- Capacity level sensor.
- Equipped with ACS Smart washing system (bacteria cleaning)
- Hardness / Dry residue: 300/500 ppm
- Daily ice-making capacity: 15 kg, 12 units a minute +/- (only in Iguassu Plus).
- Aquastop: damp detection safety system.



Three water temperatures:
Hot, cold and ambient



Power supply:
230 V 50 Hz.



Minimum inlet pressure:
1,5 bar



Ice making
(Iguassu Plus)



Inlet water temperature:
4°C - 38°C



Lifting stand
(Iguassu)



Refrigerant compressor:
R-134^a ecological.

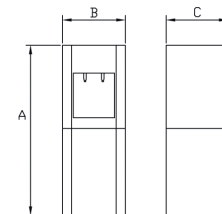


Touch pad



IGUASSU PLUS

IGUASSU



CODE	MODEL	PUR. CAP. HOT WATER (L)	PUR. CAP. COLD WATER (L)	PUR. CAP. AMBIENT WATER (L)	POWER W	UNIT PALLET	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-900640	IGUASSU PLUS OSMOSIS BLACK	2.7	2.2	7	1,860	4	1,424 x 455 x 360	52
A-900550	IGUASSU OSMOSIS RED	1.5	3.0	7	600	6	1,170 x 295 x 384	30.4

CONSUMABLES AND ACCESSORIES

CODE	MODEL	UNIT per box
C-950247	Encapsulated U 5 µm Sediment Filter	30
C-950246	Encapsulated carbon cartridge type U spout	30
A-900050	Dispenser post-filter with spout without elbows	25
A-900037	Dispenser post-filter with spout with elbows	25
C-253081A	75GPD encapsulated osmosis membrane - 1/4" spouts	25
C-950605	Magnetic vessel dispenser	1
A-900555	130 cm black lifting base for Iguassu	1



TINY

- Desktop water and ice dispenser equipped with reverse osmosis system.
- Elegant, compact design, with easy to change filter system.
- Water dispenser with anti-drip system.
- Capacity level sensor.
- Equipped with ACS Smart washing system (bacteria cleaning)
- Hardness / Dry residue: 300/500 ppm
- Daily ice-making capacity: 5 kg, 16 units a minute +/- (only in Tiny Ice).
- Aquastop: damp detection safety system.

NEW



TINY



TINY ICE



Three water temperatures:
Hot, cold and ambient



Power supply:
230 V 50 Hz.



Available in black or white for both models.



Ice making
(according to model)



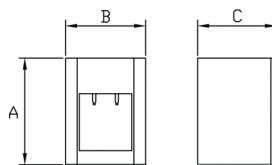
Inlet water temperature:
4°C - 38°C



Refrigerant compressor:
R-134^a ecological.



Minimum inlet pressure:
1,5 bar



Touch pad

CODE	MODEL	PUR. CAP. HOT WATER (L)	PUR. CAP. COLD WATER (L)	PUR. CAP. AMBIENT WATER (L)	POWER W	UNIT PALLET	MEASURE-MENTS A x B x C mm	WEIGHT Kg
A-900600	TINY WHITE	0.57	3.0	4.6	1,600	8	474 x 497 x 290	19.3
A-900610	TINY BLACK	0.57	3.0	4.6	1,600	8	474 x 497 x 290	19.3
A-900620	TINY ICE WHITE	0.57	1.4	2.4	1,706	8	474 x 497 x 290	22.6
A-900630	TINY ICE BLACK	0.57	1.4	2.4	1,706	8	474 x 497 x 290	22.6

CONSUMABLES AND ACCESSORIES

CODE	MODEL	UNITS per box
C-253328	Carbon filter block in 1 1/4"	25
C-950223	Post-filter type U spout 1/4"	30
C-253081A	75GPD encapsulated osmosis membrane - 1/4" spouts	25
C-950605	Magnetic vessel dispenser	1



POSEIDON

- Large capacity water and ice dispenser equipped with reverse osmosis system.
- Front access to filtration compartment.
- Hot water tank with BIMETAL resettable safety protector.
- Regulation of cold (min. 4°C) and hot (max. 87°C) water temperature.
- Water dispensing via mechanical anti-drip valves.
- Reverse osmosis membrane with production up to 280 l/d.
- Maximum salinity of 1,500 mg/l
- Re-mineralisation post-filter with bacteriostatic effect.
- Mechanical anti-flooding blocking system.

NEW

MAXIMUM
CAPACITY

ABS Made of ABS over steel frame



Minimum inlet pressure:
1,5 bar

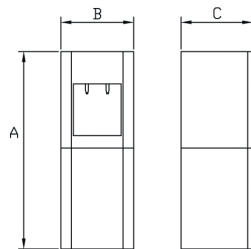
ECO Refrigerant compressor:
R-134^a ecological.



Power supply:
230 V 50 Hz.



Operating temperature:
5°C - 40°C



CODE	MODEL	PUR. CAP. HOT WATER	PUR. CAP. COLD WATER	PUR. CAP. AMBIENT WATER (L)	POWER W	UNIT PALLET	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-900530	POSEIDON W/P*	10	10	45	800	4	1,430 x 480 x 480	54.2

* W/P: With Pump

CONSUMABLES AND ACCESSORIES

CODE	MODEL	UNIT per box
C-950247	Encapsulated U 5 µm Sediment Filter	30
C-950246	Encapsulated carbon cartridge type U spout	30
C-253224	Membranes 1812-150G	25
C-950223	Post-filter type U spout 1/4"	30
C-950605	Magnetic vessel dispenser	1



ESTEL

- Stainless steel dispenser of ambient or chilled water, equipped with dechlorination, reverse osmosis ultra-filtration system, according to model.
- Cold water thermostat: Adjustable from 2° to 15°.
- Front access to filtration compartment.
- Class I electrical safety. Precise earthing connection.
- Incorporated pressure regulator.
- Water supplied via dispenser and tap.
- Reverse osmosis membrane acc./model (production: Up to 280 l/d) (Maximum salinity of 1,500 mg/l).
- Ultrafiltration membrane acc./model
- Re-mineralisation post-filter with bacteriostatic effect acc./model.



Tanks made of AISI 304 stainless steel.



Operating temperature: 5°C - 35°C



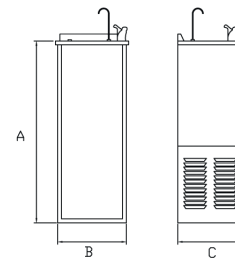
Refrigerant compressor: R-134^a ecological.



Minimum inlet pressure: 1,5 bar



Power supply: 230 V 50 Hz.



CODE	MODEL	PRODUCTION OF COLD WATER (L/h)	PUR. CAP. COLD WATER (L)	POWER REFRIGERATION	UNIT PALLET	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-900065	ESTEL ULTRAFILTRATION	8	5	210	6	1,050 x 430 x 305	28.5
A-900077	ESTEL OSMOSIS PRESSURIZED W/P*	8	5	210	6	1,050 x 430 x 305	28.5
A-900016	ESTEL DECLORATION	8	5	210	6	1,050 x 430 x 305	28.5

* W/P: With Pump

CONSUMABLES AND ACCESSORIES

CODE	MODEL	FOR UNIT	UNIT per box
C-950249	Encapsulated pre-filter sediment I	A-900077	25
C-950250	Encapsulated pre-filter carbon I	A-900077	25
C-950255	Encapsulated post-filter I	A-900077	25
C-253018A	U encapsulated UF membrane	A-900065	25
A-253133	75 GPD membrane	A-900077	25
C-950605	Magnetic vessel dispenser	All	1



NEPTUN CA / NEPTUN SW

NEW

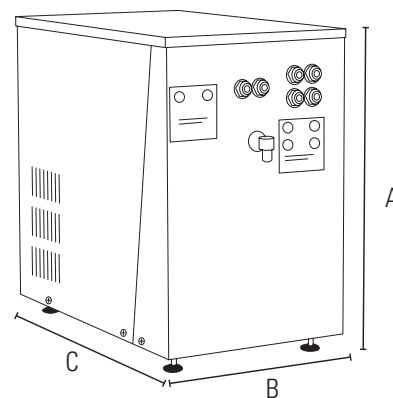
- Cold generator - carbonator for manual or automatic towers.
- Carbonating pump: 150 L/h. (in SW model).
- Carbonator volume: 1 L (in SW model).
- Required accessory: pressure reduction valve CO2-7 bar.
- OPTIONAL:
An external reverse osmosis system can be included.
Two options:
 - Option 1: unit with 300 GPD membrane, flow 1000 L/day and 50 L accumulation tank.
 - Option 2: units with 300 GPD membrane, flow 2000 L/day and 50 L accumulation tank.



Cooler

Cooler and carbonator
(carbonated water)Power supply:
230 V 50 Hz.Two water temperatures:
Cold and ambientCarbonated water
(in SW model)Refrigeration system:
Ice bank

Note: For the SW model, carbon dioxide pump not included



CODE	MODEL	COMPRESSOR	REFRIGERA-TION CAP.	PERFOR-MANCE DELTA	CAPACITY BANK ICE (L)	UNIT PALLET	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-280105	NEPTUN CA	1/4 HP	70 L/h	20°C	14	4	460 x 300 x 490	50
A-280100	NEPTUN SW	1/4 HP	70 L/h	20°C	14	4	460 x 300 x 490	52

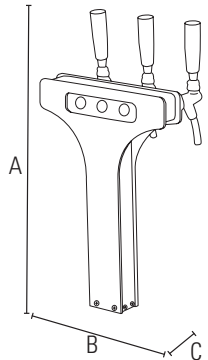
Note: Contact our Sales Department about our range of tanks and accessories.

SKY WATER MANUAL

- Tower with manual dispensing system.
- 3 taps with stainless steel tap and chrome neck.
- Tower system with LED lighting.



Three water temperatures:
Cold, ambient and carbonated.



CODE	MODEL	NO OF PULLS	UNIT PALLET	MEASUREMENTS* A x B X C mm	WEIGHT Kg
A-280110	SKY WATER TOWER	3	8	460 x 300 x 630	10

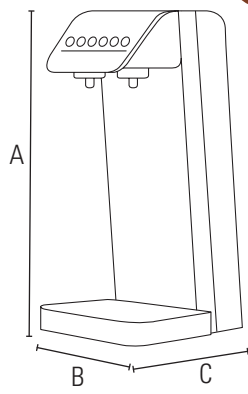
* Measurements with tray

INFINITY TOWER AUTOMÁTICA

- Tower with automatic dispensing system with two programmable doses for each water.
- Dose system provided with high precision flowmeter.
- Polished matte stainless nozzles.
- Frontal frame in 3-4 mm weighted aluminium and structure in AISI 304 stainless steel.
- 6 anti-vandal safety buttons with LED lighting.
- Drip tray included.
- Tower LED lighting (optional).



Three water temperatures:
Cold, ambient and carbonated.



CODE	MODEL	NO. OF PULLS	UNIT PALLET	MEASUREMENTS* A x B X C mm	WEIGHT Kg
A-280115	INFINITY TOWER	2	8	460 x 300 x 660	14

* Measurements with tray

Note: Contact our Sales Department about our range of tanks and accessories.

NEPTUN LUX CA / SW WITH MANUAL PULL

NEW

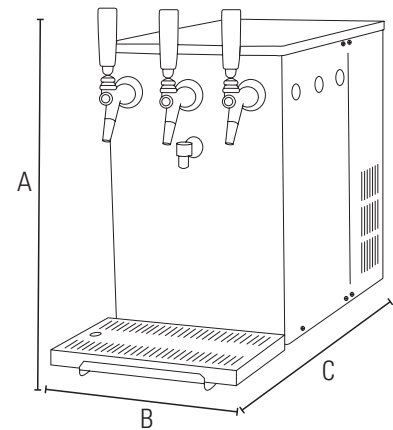
- Cold generator - carbonator with manual pulls
- Frame in brushed bright stainless steel and rounded edges.
- Stainless steel taps and chrome neck.
- Carbonating pump: 150 L/h (in SW model)
- Carbonator volume: 1 L (in SW model)
- Required accessory: pressure reduction valve CO2-7 bar.
- OPTIONAL:
An external reverse osmosis system can be included.
Two options:
 - Option 1: unit with 300 GPD membrane, flow 1000 L/day and 50 L accumulation tank.
 - Option 2: unit with 2 300 GPD membranes, flow 2000 L/day and 50 L accumulation tank.



Cooler

Cooler and carbonator
(carbonated water)Power supply:
230 V 50 Hz.Two water temperatures:
Cold and ambientCarbonated water
(in SW model)Refrigeration system:
Ice bank

Note: For the SW model, carbon dioxide pump not included



CODE	MODEL	COMPRESSOR	REFRIGERATION CAP.	PERFORMANCE DELTA	CAPACITY BANK ICE (L)	UNIT PALLET	MEASUREMENTS* A x B x C mm	WEIGHT Kg
A-280205	NEPTUN LUX CA	1/4 HP	70 L/h	20°C	14	4	460 x 300 x 660	47
A-280200	NEPTUN LUX SW	1/4 HP	70 L/h	20°C	14	4	460 x 300 x 660	49

* Measurements with tray

Note: Contact our Sales Department about our range of tanks and accessories.

INFINITY CA / SW WITH AUTOMATIC PULL

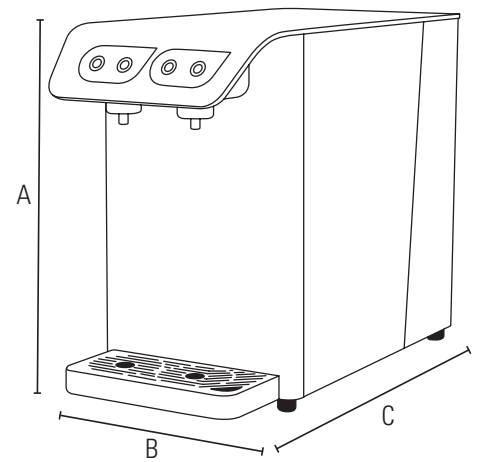
NEW



- Cold generator - carbonator with automatic pulls.
- Steel frame, finish in anodised aluminium and rounded edges.
- Tap nozzles in matte and polished stainless steel.
- Thermo-rotational tray.
- New ISOTECH PLUS insulation.
- Dose system provided with high precision flowmeters.
- Carbonating pump: 150 L/h (in SW model).
- Carbonator volume: 1 L (in SW model).
- Required accessory: pressure reduction valve CO2-7 bar.
- OPTIONAL:
An external reverse osmosis system can be included.
Two options:
 - Option 1: unit with 300 GPD membrane, flow 1000 L/day and 50 L accumulation tank.
 - Option 2: unit with 2 300 GPD membranes, flow 2000 L/day and 50 L accumulation tank.

Note: For the SW model, carbon dioxide pump not included

CA	Cooler	SW	Cooler and carbonator (carbonated water)
	Power supply: 230 V 50 Hz.		Two water temperatures: Cold and ambient
	Carbonated water (in SW model)		Refrigeration system: Ice bank



CODE	MODEL	COMPRES-SOR	REFRIGERA-TION CAP.	PERFOR-MANCE DELTA	CAPACITY BANK ICE (L)	UNIT PALLET	MEASURE-MENTS A x B x C mm	WEIGHT Kg
A-280005	INFINITY CA	1/4 HP	70 L/h	20°C	14	4	460 x 300 x 630	47
A-280000	INFINITY SW	1/4 HP	70 L/h	20°C	14	4	460 x 300 x 630	49

* Measurements with tray

Note: Contact our Sales Department about our range of tanks and accessories.

10 ULTRAVIOLET DISINFECTION

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STERILUX - ET	147
STERILUX - STP	148
AMALGAMA	149

Unlike chlorine disinfection, UV light acts immediately and does not add any chemicals, odour or taste to the treated water and therefore does not alter it. It also prevents bacteria from proliferating.

Useful life of lamp:
8,000-10,000 hours
(according to model).

AISI 316 L stainless
steel housing

Time meter
(according to model).

Includes low pressure
discharge lamp. The
most widely used for
drinking and domestic
water.



Filters of 1 and 5 microns or
5 and 20 microns (according to model).

MINI

- Uses in drink bottling plants, pharmaceutical industry and cosmetics, hospitals, livestock farms, purification of private waters from wells, spas and health resorts, etc.
- The devices of the MINI series guarantee a minimum dose of 25 mW sg./cm² at the end of the useful life of the lamp, with 98% light transmission of water.



It is necessary to install a filtration stage of at least 1 micron beforehand.



Maximum operating pressure: 6 bar.



Effective life of lamp: 8,000 hours.



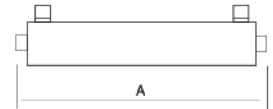
Electronic ballast



Stainless steel housing
AISI 316 L



Electrical power supply voltage:
220 Vac / 50-60 Hz.



CODE	MODEL	FLOW máx. (m ³ /h)	COUPLING	LAMP	TOTAL POW. (W)	UNIT	MEASURE-MENTS A x B mm	WEIGHT Kg
A-803023	500 230 Vac	0,5	1/2" M	1 x 15 BP	17	1	350 x 64	2,5
A-803024	1.000 230 Vac	1	3/4" M	1 x 21 BP	23	1	500 x 64	3
A-803025	2.500 230 Vac	2,5	1" M	1 x 40 BP	42	1	930 x 64	8

SPARE PARTS

CODE	MODEL	MEASURE-MENTS mm	UNITS per box
C-202362	UV O-ring (500 /1.000)	27 x 19 x 4	10
C-804111	15 W lamp (Mini 500)	285 x 20	1
C-201128	21 W lamp (Mini 1.000)	438 x 20	1
C-201126	40 W lamp (Mini / ET 2.500)	845 x 20	1
C-804114	Ballast 8-18 W Mini 500 CR 230 Vac	-	1
C-804115	Ballast 21-40 W Mini 1000-2500 CR	-	1
C-714318	Timed Ballast 40 W Mini/ET	-	1
C-804109	Quartz tube CR Mini 500	330 x 20 x 23	1
C-804113	Quartz tube CR Mini 1.000	470 x 20 x 23	1
C-804116	Quartz tube CR Mini/ET 2.500	885 x 20 x 23	1



O-ring



Lamp



Ballast



Timed Ballast



Quartz tube

STERILUX - ET

- Uses in drink bottling plants, pharmaceutical industry and cosmetics, hospitals, livestock farms, purification of private waters from wells, spas and health resorts, etc.
- The devices of the ET series guarantee a minimum dose of 25 mW sg./cm2 at the end of the useful life of the lamp, with 98% light transmission of water.
- Optional: Radiation control sensor included from the ET 5.000 model.



It is necessary to install a filtration stage of at least 1 micron beforehand.



Sound alarm and alarm relay.



Time meter



Effective life of lamp: 8,000 hours.



Maximum operating pressure: 6 bar.



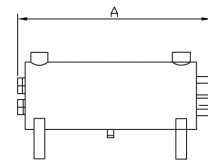
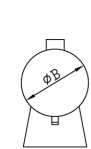
Electrical power supply voltage: 220 Vac / 50-60 Hz.



Stainless steel housing AISI 316 L



Electronic ballast



CODE	MODEL	FLOW máx. (m3/h)	COUPLING	LAMP	TOTAL POW. (W)	UNIT	MEASUREMENTS A x B mm	WEIGHT Kg
A-803004	ET-2.500 SS316	2,5	1" M	1 x 40BP	45	1	930 x 64	8
A-807001	ET-5.000 SS316	5	1" M	1 x 87BP	87	1	904 x 89	10
A-807002	ET-8.000 SS316	8	1 ½" M	1 x 120BP	120	1	1.212 x 89	14
A-807003	ET-14.000 SS316	14	DN 65 (2 ½")	2 x 120BP	240	1	1.212 x 133	40
A-811001	ET-30.000 SS316	30	DN 80 (3")	3 x 120BP	360	1	1.212 x 168	92
A-803011	ET-50.000 SS316	50	DN 100 (4")	4 x 120BP	480	1	1.212 x 168	96
A-803012	ET-80.000 SS316	80	DN 125 (5")	6 x 120BP	720	1	1.216 x 219	125

SPARE PARTS

CODE	MODEL	MEASUREMENTS mm	UNITS per box
C-714318	Timed Ballast 40 W	-	1
C-714315	Timed Ballast 80 W	-	1
C-201143	87 W lamp	843 x 15	1
C-201144	120 W lamp	1.148 x 15	1
C-201147	Quartz tube for 87 W lamp	875 x 20 x 23	1
C-201148	Quartz tube for 120 W lamp	1.183 x 20 x 23	1
C-201151	FKM O-ring (ET-STP)	-	10



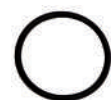
Timed Ballast



Lamp



Quartz tube



O-ring

Note: See the Spare parts of the ET 2500 SS316 model on page 146.

STERILUX - STP

- Uses in drink bottling plants, pharmaceutical industry and cosmetics, hospitals, livestock farms, purification of private waters from wells, spas and health resorts, etc.
- The devices of the STP series guarantee a minimum dose of 25 mW sg./cm² at the end of the effective life of the lamp.
- 3C models include GAC carbon cartridge.
- Optional: Radiation control sensor included from the STP 5.000 model.



They include filters of 1 and 5 microns or 5 and 20 microns, according to the model.



Maximum operating pressure: 4 bar



Effective life of lamp: 8,000 hours.



Electronic ballast



Stainless steel housing AISI 316L



Time meter



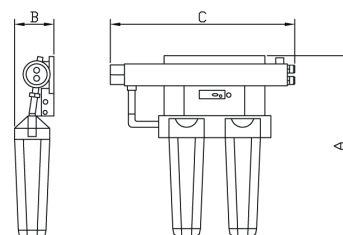
Sound alarm and alarm relay.



Auxiliary outlet for connection to safety electrovalve, in the event of absence of UV radiation.



Power supply voltage: 220 Vac / 50-60 Hz.



CODE	MODEL	FLOW máx. (m ³ /h)	COUPLING	LAMP	TOTAL POW. (W)	UNIT	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-330000	STP-500 230Vac	0,5	1"F / ½"M	1 x 15 BP	18	1	420 x 210 x 550	10
A-330001	STP-1.000 230Vac	1	1"F/ 3/4"M	1 x 21 BP	25	1	500 x 210 x 550	12
A-330002	STP-2.500 230Vac	2,5	1"F / 1"M	1 x 40 BP	42	1	950 x 210 x 760	15
A-330038	STP-5.000 2C 230Vac	5	1 ½" F/1" M	1 x 87 BP	87	1	950 x 210 x 1.000	15
A-330039	STP-5.000 3C 230Vac	5	1 ½" F/1" M	1 x 87 BP	87	1	950 x 210 x 1.000	18
A-330040	STP-8.000 230Vac	8	1 ½" F/1 ½" M	1 x 120 BP	120	1	950 x 210 x 1.212	19

CONSUMABLES

CODE	MODEL	EQUIPMENT	MEASUREMENTS mm	UNITS per box
C-320002	Polyester Cartridge 1 µm 9 3/4"	STP-500/1.000	248 x 70 x 27	50
C-320003	Polyester Cartridge 5 µm 9 3/4"	STP-500/1.000	248 x 70 x 27	50
C-320006	Polyester Cartridge 1 µm 20"	STP-2.500	508 x 70 x 27	25
C-320007	Polyester Cartridge 5 µm 20"	STP-2.500	508 x 70 x 27	25
C-320011	Polyester Cartridge BIG 20 µm	STP-5.000/8.000	508 x 114 x 27	18
C-320105	Polyester Cartridge BIG 5 µm	STP-5.000/8.000	508 x 114 x 27	9
C-804047	Carbon cartridge BIG 20"	STP-5.000/8.000	508 x 114 x 27	9



SPARE PARTS

CODE	MODEL	MEASUREMENTS mm	UNITS per box
C-714318	Timed Ballast 40 W	-	1
C-714315	Timed Ballast 80 W	-	1
C-804111	15 W lamp (STP 500)	368 x 22	1
C-201128	21 W lamp (STP 1000)	528 x 22	1
C-201126	40 W lamp (STP 2500)	918 x 22	1
C-201143	87 W lamp (STP 5000)	843 x 15	1
C-201144	120 W lamp (STP 8000)	1148 x 15	1
C-804109	Quartz tube for 15 W lamp	330 x 20 x 23	1
C-804113	Quartz tube for 21 W lamp	470 x 20 x 23	1
C-804116	Quartz tube for 40 W lamp	885 x 20 x 23	1
C-201147	Quartz tube for 87 W lamp	875 x 20 x 23	1
C-201148	Quartz tube for 120 W lamp	1183 x 20 x 23	1
A-197002	1 ½" 3PL 20" empty transparent vessel	568 x 130	6
A-195005	3PL 1" 9 ¾" transparent vessel	308 x 130	12
A-195004	3PL 1" 9 ¾" opaque vessel	568 x 175	4
A-197003	BIG 1 ½" 20" opaque vessel	308 x 130	12
C-201151	KFM O-ring (ET-STP)	-	10
C-197004	3PL O-ring	-	5
C-197015	BIG O-ring	-	5
C-197007	3PL and Sterilux STP vessel spanner	-	1
C-197016	BIG vessel spanner	-	1



Timed Ballast



Lamp



Quartz tube



Transparent vessel



Opaque vessel



O-ring



Vessel spanner

AMALGAMA

- Uses in drink bottling plants, pharmaceutical industry and cosmetics, hospitals, livestock farms, purification of private waters from wells, spas and health resorts, etc.
- The devices of the AMALGAMA series guarantee a minimum dose of 40 mW sg./cm² at the end of the useful life of the lamp, with 98% light transmission of water.
- Optional: UVC Circuit, UVC Probe and Radiation control sensor.



It is necessary to install a filtration stage of at least 1 micron beforehand.



Electrical power supply voltage: 230 Vac / 50 Hz.



Production under order request, lead-time: 9 weeks + the delivery time agreed with the transport agent. For express deliveries, please contact the sales department.



Effective life of lamp: 10,000 hours.



Maximum operating pressure: 6 bar.



Stainless steel housing AISI 316L



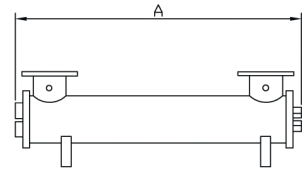
Electronic ballast and electrical lamp control.



Sound alarm and alarm relay.



Time meter



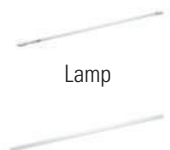
CODE	MODEL	FLOW máx. (m ³ /h)	COUPLING	LAMP	TOTAL POW. (W)	UNIT per box	MEASUREMENTS A x B mm	WEIGHT Kg
A-803027	AM-100M	100	DN 150 (6")	4 X 240 AM	960	1	1.618 x 219	169
A-803020	AM-130M	130	DN 150 (6")	5 X 240 AM	1.200	1	1.618 x 219	171
A-803022	AM-200M	200	DN 200 (8")	7 X 240 AM	1.680	1	1.618 x 274	182
A-803028	AM-300M	300	DN 250 (10")	9 X 240 AM	2.160	1	1.618 x 325	187
A-803029	AM-400M	400	DN 300 (12")	9 X 320 AM	2.880	1	1.618 x 377	193

SPARE PARTS

CODE	MODEL	MEASUREMENTS mm	UNIT per box
C-201150	FKM O-ring Amalgama	-	10
C-201149	Quartz tube for 240-320 W lamp	1.589 x 22	1
C-201145	240 W Lamp	1.554 x 19	1
C-201146	320 W Lamp	1.554 x 19	1



O-ring



Lamp



Quartz tube

11 DOSING

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We offer solutions in made to measure dosing, adapted to each customer. Our services range from dosing products via a constant flow membrane pump or high technology dosing panels that can be used to control dosing of the product via online platforms.

Chlorine dosing panel controller with pH control (according to model)



Constant or proportional flow dosing pumps



Filter cartridge of 5" 60 µ

Platinum/copper amperometric probe model A-11 or A-02 (according to model).



MANUAL MODEL (FCE)

- Membrane dosing pump.
- Manual flow regulation of 0-100%.
- IP65 protection.



Constant dosing mode.



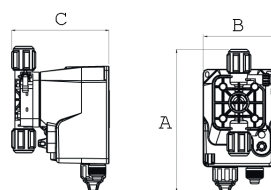
Power Supply:
230 Vac / 50-60 Hz.



Pump body
in polypropylene.



Manual ON/ OFF switch
with status LED



CODE	MODEL	PRODUCT TO BE DOSED	DOSING	COUPLING	MEASUREMENTS A x B x C mm	WEIGHT Kg
D-000197	Constant dosing pump FCE 05.03 V	Acid	3 l/h-5 bar	4 x 6 mm	179 x 62 x 160	1.5
D-400000	Constant dosing pump FCE 05.03 D	Alkaline	3 l/h-5 bar	4 x 6 mm	179 x 62 x 160	1.5

TN MODEL

- Membrane electromagnetic dosing pump.
- Manual flow regulation of 0-100% on digital display.
- Impulse, alarm and power supply LED.



Constant dosing mode.



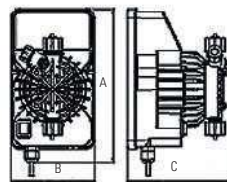
Power Supply:
230 Vac / 50-60 Hz.



Pump body in fibreglass
reinforced polyester



Manual ON/ OFF switch
with status LED



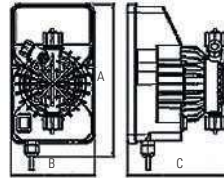
CODE	MODEL	DOSING (l/h)	MAX. PRES-SURE (bar)	COUPLING	PROTECTION	LEVEL PROBE COUPLING	MEASUREMENTS A x B x C mm	WEIGHT Kg
D-000200	TN	2 l/h	10	4-6 mm	IP65	NO	185 x 97 x 112	1.4

PCI MODEL

- Backlit graphic display.
- 2 proportional dosing modes:
 - n:m — directly selecting the number of impulses of the meter and the number of injections from the pump.
 - 4-20 mA— automatic regulation of dosing frequency (the pump automatically changes the flow).
- Inlet for level probe.



2 dosing modes:
constant or proportional



CODE	MODEL	DOSING (l/h)	MAX. PRESSURE (bar)	COUPLING	PROTECTION	LEVEL PROBE COUPLING	MEASUREMENTS A x B x C mm	WEIGHT Kg
D-000201	PCI	2	10	4-6 mm	IP65	YES	225 x 125 x 153	2.3

PSA MODEL

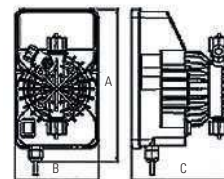
- Backlit graphic display.
- pH /Redox (mV) /Free chlorine/Conductivity (increase) version selectable by user.
- Measurement range:
 - pH: 0-14.00 pH
 - Redox (mV): 0-1999 mV
 - Free chlorine: 0-10.00 ppm
 - Conductivity: 0-1,000 mS



Constant dosing mode.



START/ STOP key



CODE	MODEL	DOSING (l/h)	MAX. PRES-SURE (bar)	COUPLING	PROTECTION	LEVEL PROBE COUPLING	MEASUREMENTS A x B x C mm	WEIGHT Kg
D-000202	PSA	2	10	4-6 mm	IP65	YES	225 x 125 x 153	2.3

ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNIT per box
C-000200	PP pump head series TN/PSI/PSA 1 l/h 15bar	1
C-000201	PP pump head series TN/PSI/PSA 2 l/h 10bar	1
C-000202	PP pump head series TN/PSI/PSA 5 l/h 7bar	1
C-000203	PVDF pump head series TN/PSI/PSA 1 l/h 15bar	1
C-000204	PVDF pump head series TN/PSI/PSA 2 l/h 10bar	1
C-000205	PVDF pump head series TN/PSI/PSA 5 l/h 7bar	1
C-000206	PSA pump PH electrode	1
C-000207	PSA pump Redox electrode	1
C-000208	PSA pump chlorine electrode	1
C-000209	PSA pump conductivity electrode	1



PP head



PVDF head



Electrode

CEA-19

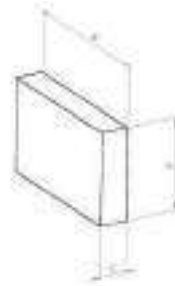
- Panel for measuring chlorine in ppm.
- Laminated panel that complies with standards EN 438 and ISO 4586. Platinum/copper amperometric probe model A-11.
- Pumps with constant dosing TN 5 lt/h 7 bar with level probe option.



Temperature probe 0-60 °C.



SF flow sensor, included in probe support.



CODE	MODEL	DOSING (l/h)	MAX. PRES-SURE (bar)	PROTECTION	LEVEL PROBE	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-000200	CEA-19	5	7	IP65	NO	460 x 500 x 165	10.5

CEA-22

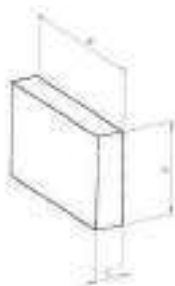
- Panel M05 PH-CL (or Bromine) for measuring and controlling pH and chlorine (or Bromine).
- Laminated panel that complies with standards EN 438 and ISO 4586.
- PH/Cl regulator. Platinum/copper amperometric probe model A-02.
- 2 pumps with constant dosing TN 5 lt/h 7 bar with level probe option.



Temperature probe 0-60 °C.



SF flow sensor, included in probe support.



CODE	MODEL	DOSING (l/h)	MAX. PRES-SURE (bar)	PROTECTION	LEVEL PROBE	MEASUREMENTS A x B x C mm	WEIGHT Kg
A-000201	CEA-22	5	7	IP65	YES	460 x 500 x 165	10.5

ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNIT per box
C-714202	Dosing pump protection level probe (2 metre cable)	1
C-000211	Amperometric probe CEA-19	1
C-000212	Amperometric probe CEA-22	1
D-000193	Dosing pump TN 5l/7bar	1
C-320008	PP polypropylene cartridge 05" 20 µ	1
A-830001	Recirculation kit 5*	1
A-830003	Recirculation kit 20*	1
A-830004	Recirculation kit 50*	1
A-830005	Recirculation kit 100*	1
A-830006	Recirculation kit 150*	1



Safety level probe



Amperometric probe



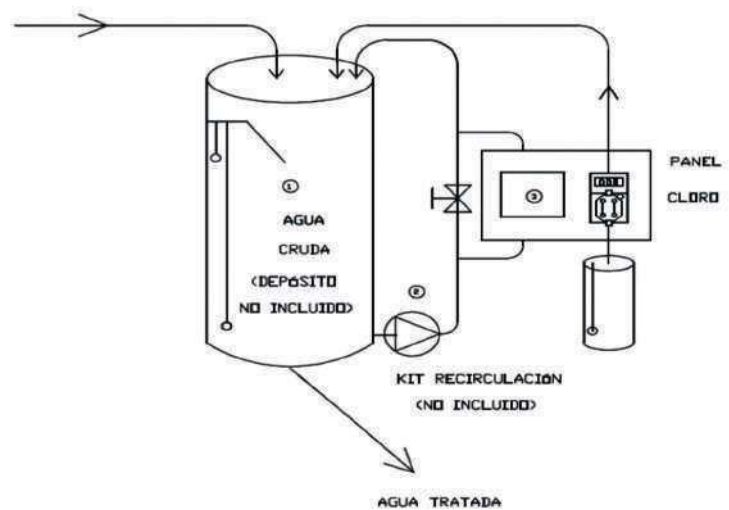
Dosing pump



Polypropylene cartridge

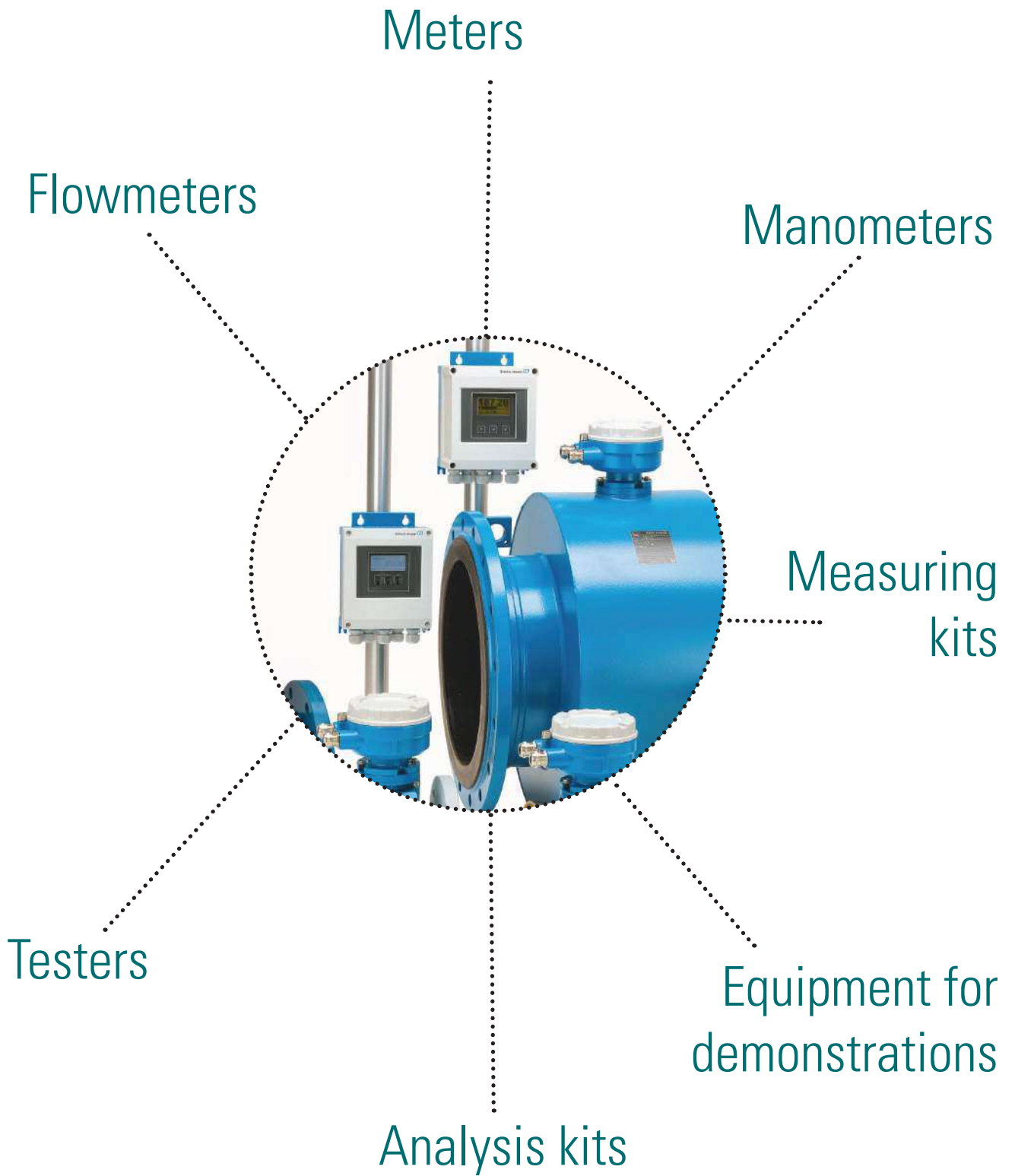
* Recirculation kit made up of:

- Recirculation pump.
- Electrical safety panel for pump with timer.
- Level probe.



12 MEASURING EQUIPMENT, INSTRUMENTATION AND DEMONSTRATION

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FLOWMETER Z-500

- PC casing and PVC couplings.
- AISI 316 stainless steel guide
- AISI 304 stainless steel float.
- Precision $\pm 5\%$.



Operating temperature
from 0 to 80 °C.



Maximum operating
pressure 6 bar.



CODE	MODEL	FLOW max. (L/min)	COUPLING	MEASURE- MENTS D x L mm	WEIGHT Kg
D-000086	Z-5008	0.5 - 4	½" NPT M	170 x 42	0.15
D-000087	Z-5008	1 - 7	½" NPT M	170 x 42	0.15
D-000088	Z-5008	1.8 - 18	½" NPT M	170 x 42	0.15
D-000094	Z-5015	3 - 30	½" NPT M	210 x 50	0.2
D-000095	Z-5025	3 - 30	¾" NPT M	250 x 59	0.4
D-000106	Z-5025	3 - 30	¾" NPT H	225 x 59	0.4
D-000096	Z-5025	4 - 40	¾" NPT M	250 x 59	0.4



FLOWMETER PANEL Z-500 ELBOW

- Flowmeter for panel
- PC casing and PVC couplings.
- AISI 304 stainless steel float.
- AISI 316 stainless steel guide
- Precision $\pm 5\%$.



Operating temperature
from 0 to 80 °C.



Maximum operating pressure 6 bar.



CODE	MODEL	FLOW max. (L/min)	COUPLING	MEASURE- MENTS D x L mm	WEIGHT Kg
D-000061	Z-5008 elbow	1.8 - 18	½" NPT M	150 x 42	0.15
D-000063	Z-5008 elbow	0.5 - 4	½" NPT M	150 x 42	0.15
D-000053	Z-5025 elbow	4 - 40	¾" NPT M	270 x 59	0.4
D-000051	Z-5032 elbow	8 - 80	1" NPT M	325 x 72	0.65



FLOWMETER PANEL Z-300

- Flowmeter for panel
- PMMA casing.
- AISI 304 stainless steel guide
- AISI 304 stainless steel float.
- Precision $\pm 4\%$.



Operating temperature
from 0 to 60 °C.



Maximum operating
pressure 6 bar.



CODE	MODEL	FLOW max. (L/min)	COUPLING	MEASURE- MENTS D x E x F mm	WEIGHT Kg
D-000021	Z-3000	0.1 - 1.4	G ½" M	70 x 165 x 20	0.4
D-000020	Z-3001	1 - 7	G ½" M	70 x 165 x 20	0.4
D-000019	Z-3002	1.8 - 18	G ½" M	70 x 165 x 20	0.4
D-000018	Z-3003	8 - 40	G ¾" M	93 x 165 x 33	0.6
D-000017	Z-3004	4 - 60	G ¾" M	93 x 165 x 33	0.6
D-000016	Z-3005	10 - 100	G 1" M	98 x 175 x 33	0.7
D-000015	Z-3006	10 - 130	G 1" M	98 x 175 x 33	0.7



DIGITAL FLOWMETER

- Digital flowmeters
- Digital display according to model
- With 4-20 mA output signal
- Selection of model according to nominal flow of tubing.



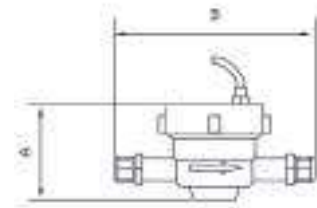
WATER METER WM-R

- Meter for hot or cold water from single or multiple jet, and with wet or dry dial.
- Casing and head on brass (model 50 mm 2" of varnished iron)
- Operating temperature: cold water up to 30°C, hot water up to 90°C.
- 2 m long cable (RG 58), equipped with BN coupling.
- Reed type impulse transmitter (4 imp./litre) with flow reader.
- Threaded coupling to tubing.

Note: For hot water consult with Sales Dept.



CODE COLD WATER	HOT WATER	MODEL	COUPLING	MEASURE- MENTS A x B mm	WEIGHT Kg
D-000135	D-000147	DCI 15	1/2"	90 x 110	0.6
D-000134	D-000146	DCI 20	3/4"	90 x 130	0.85
D-000133	D-000145	DCI 25	1"	120 x 160	2.04
D-000132	D-000144	DCI 30	1 1/4"	120 x 160	2.11
D-000131	D-000143	DCI 40	1 1/2"	130 x 200	4.58
D-000130	D-000142	DCI 50	2"	200 x 300	7.25



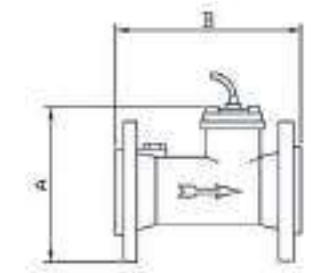
WATER METER WM-F

- Dry dial meters.
- Woltmann type meter for hot or cold water of 2"
- Rotary meter for horizontal and vertical mounting.
- Externally varnished iron casing. - Operating temperature: cold water up to 50°C, hot water up to 90°C.
- Meters without pulse generator available.
- Flanged coupling to tubing.

Note: For hot water consult with Sales Dept.



CODE COLD WATER	HOT WATER	MODEL	COUPLING	MEASURE- MENTS A x B mm	WEIGHT Kg
D-000141	D-000168	DWI 50	DN 50	247 x 200	12.5
D-000140	D-000167	DWI 65	DN 65	258 x 200	14
D-000139	D-000166	DWI 80	DN 80	265 x 200	15
D-000138	D-000165	DWI 100	DN 100	272 x 250	18
D-000137	D-000163	DWI 150	DN 150	302 x 300	31.5



INSERTION TURBINES METER

- Insertion turbines with Hall effect pulse generator.
- PVC casing.
- Output 4 - 20 mA.
- Speeds from 0.15 to 10 m/s.



CODE	MODEL	ASSEMBLY	WEIGHT Kg
D-000107	DN15	T	0.215 + T
D-000108	DN20	T	0.215 + T
D-000109	DN25	T	0.215 + T
D-000110	DN32	T	0.215 + T
D-000112	DN50	PVC clamp	0.215 + Clamp
D-000115	DN63	PVC clamp	0.215 + Clamp
D-000117	DN75	PVC clamp	0.215 + Clamp
D-000119	DN90	PVC clamp	0.215 + Clamp
D-000121	DN110	PVC clamp	0.215 + Clamp

MANOMETERS

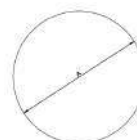
- Glycerine panel manometer.
- Chrome casing.
- Precision $\pm 5\%$.



Operating temperature from 0 to 80 °C.



Measurement from 0 to 150 bar



CODE	MODEL	COUPLING	MEASUREMENTS A x B mm
C-202009	Brass 0-25 bar	1/4"	64 x 60
C-202009-B	Brass 0-10 bar	1/4"	64 x 60
C-202533	Stainless steel 0-10 bar	1/4"	64 x 60
C-202946	Stainless steel 0-60 bar	1/4"	64 x 60
C-202846	Stainless steel 0-150 bar	1/4"	64 x 60

PENCIL TYPE CONDUCTIVITY TESTERS

- Small portable apparatuses for on-site measurement of different water parameters, such as pH, redox, conductivity, TDS, salinity, dissolved oxygen.
- These are very robust, resistant and long-lasting devices because they enable the electrode to be replaced when it has expired, without having to change the entire device when the useful life of the electrode has ended.



Meters

CODE	MODEL	UNIT per box
D-714021	Meter + pH sensor	1
D-714022	pH sensor replacement	1
D-714025	Conductivity/TDS/salinity meter	1
D-714026	Conductivity sensor replacement	1
A-714060	Buffer solution pH 7	1
A-714061	Buffer solution pH 4	1
C-603001	TDS meter from 0 to 9,999 ppm	1
C-603004	pH meter	1
C-604009	Conductivity pattern 1.413 μ S	1
C-604017	Conductivity pattern 84 μ S	1



Solutions

HARDNESS MEASURING KIT

- Water hardness measuring kit using complexometric method.
- The hardness measuring systems are sold with 2 reagents.

CODE	MODEL	CONTAINER
A-600000	TH-metre/Hardness meter (2 reagents)	1 case
A-600001	TH-metre/Hardness meter (2 reagents) blister	1 case



Th-metre blister

CONSUMABLES

CODE	MODEL	USE	CONTAINER
B-600003	A TH-metre reagent 20 ml	Colouring agent	20 ml bottle
B-600004	B TH-metre reagent 50 ml	Assessment	50 ml bottle
B-900020	A TH-metre reagent 1 L.	Colouring agent	1 L bottle
B-900021	B TH-metre reagent 1 L.	Assessment	1 L bottle

pH /CHLORINE MEASUREMENT

- Combined pH and colorimetric chlorine measurement kit.
- DPD method.

CODE	MODEL	CONTAINER
A-604010	pH/chlorine meter	1 case
C-900600	Tablets for chlorine measurement	250 tablets
C-900599	Tablets for pH measurement	250 tablets
A-604010P	Chlorine meter for drinking water	1 case



ANALYSIS KIT

- Easy to use assessment kits, for fast or on-site measurements, without having to send a sample to a laboratory.
- Other kits available to measure other chemical parameters. Contact our technical service for more information.

CODE	MODEL
D-714013	Alkalinity analysis kit
D-714015	Bromine analysis kit
D-714014	Chlorides analysis kit
A-714054	Phosphates analysis kit (100 strips)
A-714051	Iron analysis kit (100 strips)
D-714017	Manganese analysis kit
D-714054	Monopersulfate analysis kit (50 strips)
A-714052	Nitrate/nitrite analysis kit (100 strips)
A-714053	Hydrogen peroxide analysis kit (Active Oxygen) (100 strips)
D-714018	Sulphites analysis kit
D-714019	Zinc analysis kit
D-714007	Kalaphos Kit 402 (30 vials)
D-714006	Kalaphos BioCea RO-5/RO-20 Kit (100 strips)
D-714005	Kalaphos BioClean Kit (100 strips)
D-714016	Bromine tablets replacements (50 units)
A-850318	Manganese kit reagent replacement (4 reagents)
A-850319	Zinc kit reagent replacement



DESCALANT DEMONSTRATION CASE

CODE	MODEL	UNIT per box
A-603001	Grey canvas softening demonstration case	1
B-900024	1 litre bottle of water hardness testing liquid	1
B-900025	1 litre bottle of reagent A lime precipitator	1
B-900026	1 litre bottle of reagent B lime precipitator	1
B-605004	1 litre bottle of orthotodiline	1
C-253169	Pressure gauge	1
C-602014	Methacrylate test tube holder	1

Note: The case supplied may look different from the one that appears in the image.



OSMOSIS DEMONSTRATION CASE

CODE	MODEL	UNIT per box
A-602050	Osmosis demonstration case	1

Note: The case supplied may look different from the one that appears in the image.



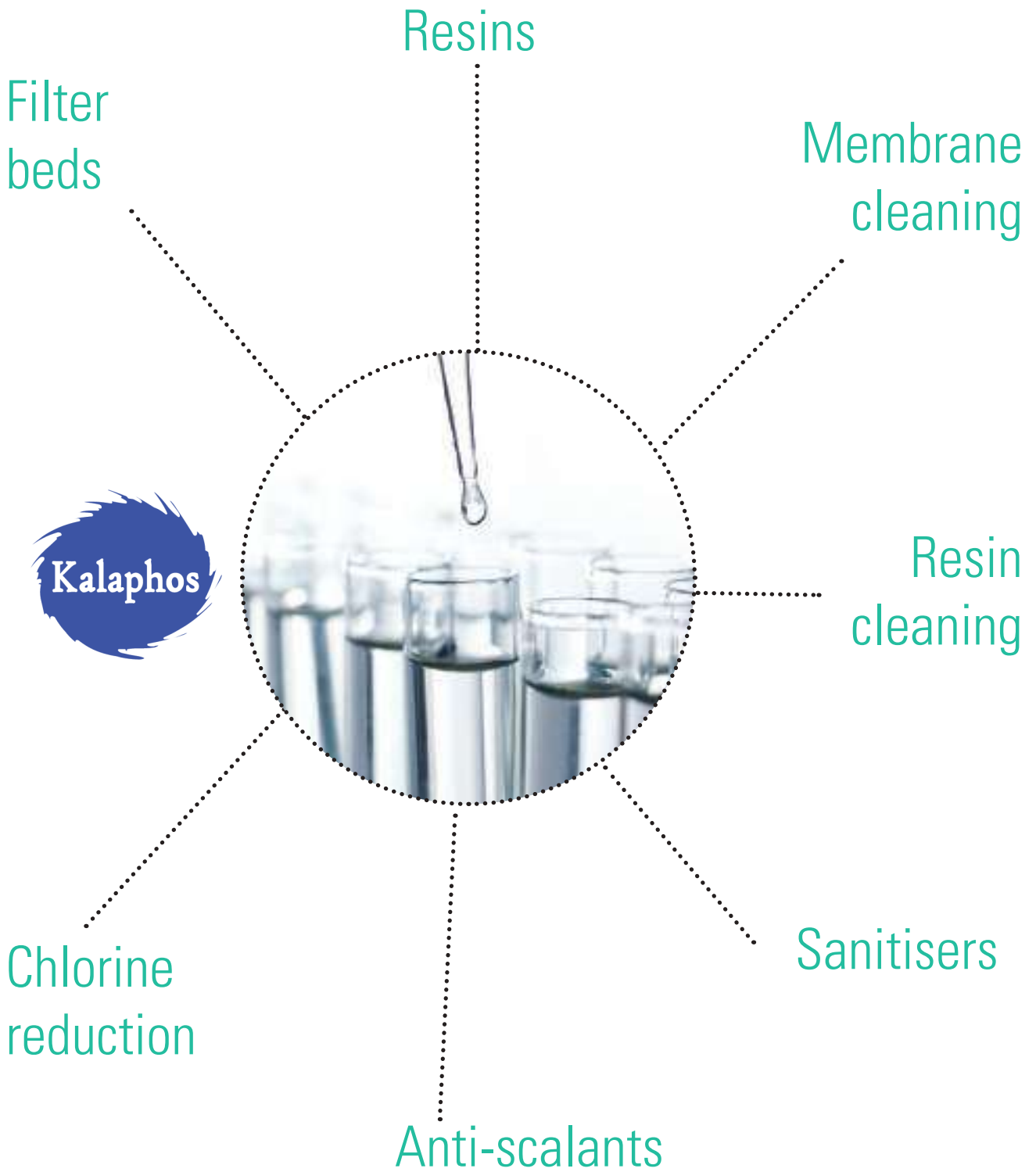
DOMESTIC OSMOSIS DEMONSTRATION

CODE	MODEL	UNIT per box
A-601000	230 VAC electrolysis precipitator	1
C-601001	Precipitator vessel	1
C-601005	Aluminium electrode	1
C-601006	Iron electrode	1



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RESIN CLEANING

- Products specially designed for cleaning organic and inorganic contamination in softening resins.
- Cleaning is done by applying the product to the brine tank and making use of the regeneration process.
- Alkaline and acid cleaning should be alternated to ensure complete elimination of all types of contaminants, and a safety period of two weeks should be left between application of the different products.

KALAPHOS CLEANFILTERS

- Alkaline cleaner specifically developed to eliminate organic contamination in softening resins.
- Presentation in granulated powder.



Add a sachet to equipment every month, for up to 38 litres of resin.

CODE	MODEL	USE	CONTAINER
A-850028	Kalaphos Cleanfilters (20 sachets)	Alkaline cleaning	Box of 20 units
A-850052	Kalaphos CleanFilters	Alkaline cleaning	200 g bottle

KALAPHOS ACIDCLEANER

- Acid cleaner specifically designed to eliminate inorganic dirt (metallic) that is gradually deposited in softener resins.
- Presented in liquid single doses.



Add a dose every month for each 25-35 L of resin.

CODE	MODEL	USE	CONTAINER
A-900126	Kalaphos AcidCleaner (4 bottles)	Acid cleaning	Box of 4 60 ml bottles
A-900125	Kalaphos AcidCleaner (5 kg)	Acid cleaning	5 kg canister
A-850066	Kalaphos AcidCleaner (1 kg)	Acid cleaning	1 kg bottle

SANITISERS

- Products for sanitising water treatment systems, developed to control micro-organisms (bacteria, virus and fungi).
- They are effective in a wide range of operational conditions for each type of equipment.
- The different application protocols of these products for each system can be requested from our technical service.

KALAPHOS CEACLEAN SPRAY

- Active oxygen based sanitising agent for sanitising external points (taps, tanks surfaces, etc.)
- Used for regular maintenance cleaning and start ups. Use Kalaphos BioClean for cases of severe contamination.
- Effective against a wide range of micro-organisms.
- Prevents formation of biofilm. Contains solely harmless ingredients.
- Smell and taste free, easy to use.
- Products of decomposition are water vapour and oxygen.
- Supplied in dosing spray for application on surfaces.



A dose of 4-5 sprays every month



100% biodegradable



CODE	MODEL	USE	CONTAINER
A-850136	Kalaphos CeaClean Spray	Sanitiser	Box of 25 150 ml sprays
A-850155	Kalaphos CeaClean	Sanitiser	Box of 12 1 kg bottles

KALAPHOS BIOCLEAN

- Highly effective oxidising sanitiser, without chlorine, fast acting and high performance.
- Possesses tremendous disinfecting and sanitising powers against all types of micro-organisms (bacteria, viruses, protozoa, coccidia, algae, fungi, spores and micro-bacteria).
- Effective in a wide range of temperatures and pH.
- Not inactivated in the presence of organic matter.
- Immediate sanitising effect, short reaction times with low concentrations.
- Sanitises to generate harmless products for the environment.
- Effectiveness can be checked using our assessment kits.



Between 1-5 g/L twice a year



100% biodegradable



CODE	MODEL	USE	CONTAINER
A-850033	Kalaphos BioClean (12 bottles)	Sanitiser	Box of 12 1 kg bottles
A-850035	Kalaphos BioClean (20 Kg)	Sanitiser	20 kg canister

SANITISER CASE AND ACCESSORIES

- This case contains all the elements necessary to completely sanitise domestic water treatment equipment such as domestic reverse osmosis devices and sources, following the appropriate working protocol supplied by our technical services in each case.
- All the elements of the sanitising case can be individually replaced.

CODE	MODEL	UNIT per box
A-850200	Sanitiser case	1



CONSUMABLES

CODE	MODEL	UNIT per box
A-850310	Latex gloves	Box of 100 units
A-850311	Face mask	Box of 50 units
C-850746	pH paper	1 unit



Latex gloves



Face mask

SPARE PARTS

CODE	MODEL	UNIT per box
C-850510	Empty Case	1
C-602027	Large test tube (1,000 ml)	1
C-602026	Small test tube (250/300 ml)	1
C-850757	Membrane holder cover	1
C-253065	Protective plug	1
C-850509	Technical and safety data sheets	1



Large test tube



Protective plug

KALAPHOS RED 40 - CHLORINE REDUCER

- Kalaphos RED 40 is a multi-purpose liquid for pre-treatment.
- It reduces pH by preventing the precipitation of substances such as calcium carbonate.
- It reduces free chlorine, preventing deterioration of membranes from polyamide oxidation and so increasing their useful life and output.
- It reduces oxygen by inhibiting the formation of biofilm on membranes.
- It reduces the effects of corrosion by decreasing the amount of oxygen dissolved in the water.
- Conserves reverse osmosis membranes during technical stoppages of plants.




CODE	MODEL	USE	CONTAINER
A-850039	Kalaphos RED 40 (25 Kg)	Chlorine reducer	25 kg canister

KALAPHOS 607 - ANTI-SCALANT

- Kalaphos 607 is a broad-spectrum anti-scalant liquid:
- Prevents particles from being deposited on membrane surfaces thereby increasing their useful life.
- Effective for a Langelier saturation index (LSI) of +2.3, which means that systems can be designed and operated at high conversion rates (major savings in operational costs).
- Inhibits common deposits: calcium carbonate, calcium sulphate, calcium phosphate, barium sulphate, strontium sulphate, silica, iron and manganese.
- The use of Kalaphos 607 DS is recommended for facilities with a production below 50 m³/day.
- Kalaphos 607 should be added before the static mixer for maximum effectiveness.



 Ask for a technical data sheet from our technical services for more information.

CODE	MODEL	USE	CONTAINER
A-850069	Kalaphos 607 (25 Kg)	Anti-scalant	25 kg canister
A-850070	Kalaphos 607 DS (25 Kg)	Anti-scalant	25 kg canister

Note: We have anti-scalants for specific applications (silica, iron, etc.). Consult our Technical Department for more information

KALAPHOS 601 - ALKALINE CLEANING

- Kalaphos 601 is a product for cleaning membranes.
- A liquid product for alkaline cleaning, mixing alkalines, low foam, non-ionic tensoactive and biodegradable complexing agents.
- Effective against organic dirt.
- The dose depends on the volume of the membrane and the number of membranes in the installation.



Kalaphos

CODE	MODEL	USE	CONTAINER
A-850003	Kalaphos 601 (25 Kg)	Alkaline cleaning	25 kg canister



Use a solution of 2-3 % of Kalaphos 601 for cleaning.

KALAPHOS 602 - ACID CLEANING

- Kalaphos 602 is a product for cleaning membranes.
- Liquid product for inorganic acid-based acid cleaning.
- Effective against inorganic dirt.
- The dose depends on the volume of the membrane and the number of membranes in the installation.



Kalaphos

CODE	MODEL	USE	CONTAINER
A-850005	Kalaphos 602 (25 Kg)	Acid based cleaning	25 kg canister



Use a solution of 5 % of Kalaphos 602 for cleaning.

KALAPHOS BIOCEA RO-5 - SANITISER

- Kalaphos Biocea RO-5 is a sanitising agent for cleaning membranes.
- Non-oxidating liquid product for sanitising membranes.
- Does not react with other anti-scalants, dispersants or corrosion inhibiting agents.
- The dose depends on the volume of the membrane and the number of membranes in the installation.



Kalaphos

CODE	MODEL	USE	CONTAINER
A-850010	Kalaphos BioCea RO-5 (25 Kg)	Non-oxidising sanitiser	25 kg canister
A-850037	Kalaphos BioCea RO-5 (5 Kg)	Non-oxidising sanitiser	5 kg canister
A-850027	Kalaphos BioCea RO-20 (25 bottles)	Non-oxidising sanitiser	Box of 25 20 ml bottles



Recommended dose: 20 ppm to prevent biofilm.

KALAPHOS REM - REMINERALISATION

- Kalaphos REM is a post-treatment product.
- Prevents corrosions in geographical areas with water that has a low mineral content.
- Neutralises water from springs, wells and surface waters with low mineral content that might therefore be corrosive.
- Remineralises and adjusts the pH of permeated waters in reverse osmosis plants.



CODE	MODEL	CONTAINER
A-850061	Kalaphos REM (25 Kg)	25 kg bag

ACCESSORIES

CODE	MODEL	PUMP FLOW max. (m/h)	PRESSURE bar	UNIT per box
B-202150	300 L Manual membrane washing kit	3	2.5	1
B-202160	300 L Manual membrane washing kit	4.5	2	1

CODE	MODEL	COUPLING	MEASUREMENTS mm	WEIGHT Kg	UNIT per box
A-150302	Static mixer 50	1 1/2"	97x365	0.8	1
A-150303	Static mixer 63	2"	97x435	1.2	1
A-150304	Static mixer 75	2 1/2"	150x491	1.6	1
A-150305	Static mixer 90	3"	135x610	2.4	1
A-150306	Static mixer 110	4"	162x730	4	1



CONSUMABLES

CODE	MODEL	CONTAINER
A-860030	Absorber to eliminate arsenic	25 kg bag
A-850306	Activated carbon	25 kg bag
A-850307	Silver impregnated activated carbon	25 kg bag
A-850308	KDF 55	26 kg drum
A-850309	KDF 85	26 kg drum
A-850314	Pyrolusite for iron and manganese	25 kg bag
A-850499	Desferlox	30 kg bag
A-850301	Strong anionic resin	25 L bag
A-850303	High performance cationic resin	25 L bag
A-850304	Weak cationic resin	25 L bag
A-850300	Strong cationic resin	25 L bag
A-850302	Mixed filter resin	25 L bag
A-850324	Nitrate resin	25 L bag
D-714033	Salt tablets	25 kg bag
A-850313	Silex	25 kg bag
A-850312	Hydro anthracite	25 kg bag
C-900350	Gravel	25 kg bag
A-850083	Zeolite	20 kg bag
C-900450	Turbidex®	28 L bag
C-900007	Siliphos	25 kg box



Absorber



Activated carbon



KDF



Pyrolusite



Resin



Salt tablets



Silex



Siliphos

HARDNESS MEASURING KIT

- Water hardness measuring kit using complexometric method.
- The hardness measuring systems are sold with 2 reagents, graduated syringe and sample glass.

CODE	MODEL	CONTAINER
A-600000	TH-metre/Hardness meter (2 reagents)	1 case



CONSUMABLES

CODE	MODEL	USE	CONTAINER
B-600003	A TH-metre reagent 20 ml	Colouring agent	20 ml bottle
B-600004	B TH-metre reagent 50 ml	Titrant	50 ml bottle
B-900020	A TH-metre reagent 1 L.	Colouring agent	1 L bottle
B-900021	B TH-metre reagent 1 L.	Titrant	1 L bottle

pH /CHLORINE MEASUREMENT

- Colourimetric kit for measuring pH and chlorine

CODE	MODEL	CONTAINER
A-604010	pH/chlorine meter kit (DPD tablets)	1 case
C-900600	Tablets for free chlorine measurement (DPD-1)	250 tablets
C-900599	Tablets for pH measurement (Fenol Red)	250 tablets
A-604010P	Chlorine measuring kit for drinking water (DPD tablets)	1 case



ANALYSIS KITS

- Easy to use assessment kits, for fast or on-site measurements, without having to send a sample to a laboratory.
- Other kits available to measure other chemical parameters. Contact our technical service for more information.



CODE	MODEL	CONTAINER
D-714013	Alkalinity analysis kit	1 unit
D-714014	Chlorides analysis kit	1 unit
A-714054	Phosphates analysis kit (100 strips)	100 strips
A-714051	Iron analysis kit (100 strips)	100 strips
D-714017	Manganese analysis kit	1 unit
A-714052	Nitrate/nitrite analysis kit (100 strips)	100 strips
A-714053	Hydrogen Peroxide analysis kit (Active Oxygen)/Kalaphos Ceaclean (100 strips)	100 strips
D-714018	Sulphites analysis kit	1 unit
A-850318	Manganese kit reagent replacement (4 reagents)	1 unit

LABORATORY SERVICES AND ACCESSORIES

- Analysis service available (chemical and microbiological).
- Drinking water safety analysis, as per RD140/03.



CODE	SERVICE	PARAMETERS ANALYSED
A-840001	Basic osmosis physico-chemical analysis	Turbidity, Sulphates, Silica, pH, Nitrates, Nitrites, Iron, Conductivity, Alkalinity, Total Hardness and Calcium Hardness.
A-840002	Bacteriological analysis	Mesophilic aerobic 22 °C, mesophilic aerobic at 36 °C, Total Coliforms, Escherichia coli, Enterococci, Clostridium perfringens (including the spores), Free chlorine, Total chlorine, pH, Conductivity.
A-850085	Complete osmosis physico-chemical analysis	pH, Conductivity, Colour, TDS, Turbidity, Total hardness, Total alkalinity, Calcium, Magnesium, Sodium, Potassium, Silica, Boron, Barium, Iron, Manganese, Chlorides, Sulphates, Fluorides, Phosphates, Bicarbonates, Nitrates, Nitrites, DBO5, DQO, Free residual chlorine, fats and oils.

RECIPIENTS FOR SAMPLE COLLECTION

- Sterile 150 ml or 1 litre containers for collecting water for analysis.



CODE	MODEL	CONTAINER
A-850057	150 ml sterile bottle	Box of 350 units
D-714003	1 litre sterile bottle	Box of 20 units
D-714004	1 litre sterile bottle (for analysis of Legionnaire's Disease)	Box of 20 units

14 BOTTLES TANKS AND CONTAINERS

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Bottles made of fibreglass-reinforced polyester or of polyimide (according to model)

Bottles for softening, filtering and ion exchange filters



Connection of accessories and/or emptying:
Top, Top Bottom or Side (according to model)

Internal polyethylene housing
(according to model)

TOP

- For softening/filtering/ion exchangers
- All materials used in construction that come into contact with water are food industry quality.
- Connection inserts made of thermal plastic reinforced with injection moulded glass.
- Standard manufactured tank bases made of heat resistant injection moulded plastic.



Maximum temperature:
50°C



Maximum pressure:
8 bar



External casing: High-quality epoxy resin fibreglass



Internal housing:
Polyethylene (PE)



Top mouth thread:
2.5" or 4" (according to model)



Loading and assembly of accessories through top inlet (TOP)



CODE	MODEL	TOTAL CAPACITY Lts.	COUPLING BOTTLE NECK	MEASUREMENTS A x B mm	WEIGHT (Kg)
C-709025	Top 7 x 13	6.3	2.5" NPSM	335 x 181	1.5
C-606146	Top 7 x 35	19.1	2.5" NPSM	895 x 181	3.2
C-606140	Top 8 x 17	10.5	2.5" NPSM	440 x 205	2.11
C-606005	Top 8 x 35	23.6	2.5" NPSM	895 x 205	3.11
C-606066	Top 9 x 17	13.2	2.5" NPSM	440 x 232	2.4
C-606069	Top 9 x 35	31.6	2.5" NPSM	898 x 232	4.3
C-606141	Top 10 x 17	16.5	2.5" NPSM	450 x 257	2.9
C-606070	Top 10 x 35	38.3	2.5" NPSM	910 x 257	4.82
C-606007	Top 10 x 44	49.5	2.5" NPSM	1.130 x 257	5.91
C-606008	Top 10 x 54	61.9	2.5" NPSM	1.388 x 257	6.83
C-606009	Top 12 x 48	77.3	2.5" NPSM	1.220 x 307	8.12
C-606035	Top 12 x 52	84.8	2.5" NPSM	1.335 x 307	8.75
C-600027	Top 13 x 54	103.6	2.5" NPSM	1,400 x 334	9.91
C-606011	Top 14 x 65	145.6	2.5" NPSM	1,662 x 360	14.12
C-606101	Top 14 x 65	145.6	4" NPSM	1,662 x 360	14.53
C-606102	Top 16 x 65	187.7	4" NPSM	1,670 x 410	16.44

TOP-BOTTOM

- For softening/filtering/ion exchangers
- All materials used in construction that come into contact with water are food industry quality.
- Connection inserts made of thermal plastic reinforced with injection moulded glass.
- Tank base tripods made of laminated FRP.



Maximum temperature:
50°C



Maximum pressure: 8 bar



Bottles made of fibreglass-reinforced polyester



Internal housing:
Polyethylene (PE)



6" FLANGE tanks, with included moulded aluminium flange



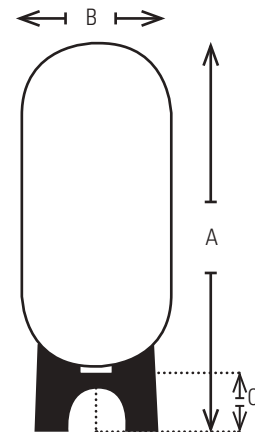
Loading and/or connection of accessories through top inlet (TOP)



Lower top not included.



Emptying and/or connection of accessories through bottom inlet (BOTTOM).



CODE	MODEL	TOTAL CAPACITY Lts.	COUPLING BOTTLE NECK	MEASUREMENTS A x B x C mm	WEIGHT (Kg)
C-606109	Top-Bottom 18 x 65	249	4" NPSM	1,830 x 465 x 180	29.17
C-606110	Top-Bottom 21 x 62	326	4" NPSM	1,910 x 550 x 320	37.18
C-650084	Top-Bottom 24 x 72	471	4" NPSM	2,150 x 615 x 320	48.19
C-606017	Top-Bottom 30 x 72	758	4" NPSM	2,150 x 780 x 320	67.11
C-650090	Top-Bottom 36 x 72	1,023	4" NPSM	2,150 x 918 x 320	103.21
B-606119	Top-Bottom 36 x 72	1,023	6" FLANGE	2,260 x 918 x 320	114.29
B-606121	Top-Bottom 42 x 72	1,389	6" FLANGE	2,270 x 1,088 x 320	141.18
B-606122	Top-Bottom 48 x 72	1,743	6" FLANGE	2,270 x 1,218 x 320	182.27

ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNIT per box
C-714036	Outlet flange 2.5"	1
C-714038	Outlet flange 4"	1
C-714039	Outlet flange 6"	1
C-630058	Lower distributor set 18" ~ 21", K74/75/77/99	1
C-630059	Lower distributor set 24" ~ 24", K74/75/77/99	1
C-630057	Lower distributor set 30" ~ 74", K74/75/77/99	1
C-713277	Lower distributor set 36", K74/75/77/99	1
C-630054	Lower distributor set 42", K74/75/77/99	1
C-630053	Lower distributor set 48", K74/75/77/99	1
C-630068	Lower distributor set 4"-4", 48"~ 60", tube: 63mm, K111	1
C-630069	Lower distributor set 4"-4", 36"~ 42", tube: 63mm, K111	1
C-630070	Lower distributor set 40"~ 42", flange: 6"/G3" + screws	1
C-630072	Lower distributor set 48", flange: 6"/G4" + screws	1
C-630075	Lower distributor set thread 4", 18"~ 21", outlet 63 mm.	1
C-630076	Lower distributor set thread 4", 24", outlet 63 mm.	1
C-630077	Lower distributor set thread 4", 30", outlet 63 mm.	1
C-630078	Lower distributor set thread 4", 36", outlet 63 mm.	1
C-630071	Upper distributor set 18"~ 42", flange: 6"/G3" + screws	1
C-630073	Upper distributor set 48", flange: 6"/G4" + screws	1
C-630074	Upper distributor set thread 4", 18"~ 36", outlet 63 mm.	1
C-606059	Adaptor for 4" to 2.5" mouth	1
C-606063	Adaptor for 6" to 4" mouth	1
C-602028	4" threaded blanking plug	1
C-602030	6" threaded blanking plug	1
C-712014	3/4" and 1" top strainer	1
C-709103	HF 3/4" and 1" top strainer	1
C-713286	K74 threaded top strainer	1
C-713300	K77 long top strainer 340 mm	1
C-703002	Top strainer 32 mm., K92/56F	1
C-630079	Top strainer 2", outlet 63 mm. thread, K111	1
C-716172	Bottom strainer (3/4" and 1" valves)	1
C-709104	Bottom strainer HF (3/4" and 1" valves)	1
C-713262	Bottom strainer K74/75/77/56D (14"~ 16" tanks)	1
C-703003	Bottom strainer 32 mm., K92/56F	1
B-703003	Bottom strainer 1", K92/56F + tube PVC 32 mm.	1
C-712137	PVC tube diameter 50 mm. (2 metres)	1
C-150807	PVC riser pipe diameter 53 mm. (2 metres), K111	1
C-703004	PVC riser pipe diameter 32 mm. (2 metres), K92	1



Flange



Distributor set



Adaptor



Plug



Top strainer



Bottom strainer



PVC riser pipe

ECO-PA LATERAL

- For softening/filtering/ion exchangers
- All materials used in construction that come into contact with water are food industry quality.



100% recyclable



Maximum pressure: 8 bar



Made of Polyimide



Maximum temperature: 50°C



The ECO-PA PLUS Top series delivered on request (4-15 days)



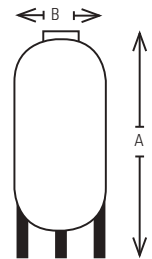
top and bottom blank flange



Lower top not included.



CODE	MODEL	TOTAL CAPACITY Lts.	COUPLINGS SIDE OUTLETS	MEASUREMENTS A x B mm	WEIGHT (Kg)
C-650081	ECO - PA 21 x 62	258	2"	1,906 x 522	46
C-650083	ECO - PA 24 x 64	366	2"	1,983 x 595	60
C-650082	ECO - PA 24 x 72	412	2"	2,146 x 595	65
C-650086	ECO - PA 30 x 64	561	2"	1,986 x 746	90
C-650087	ECO - PA 30 x 72	614	2"	2,123 x 746	105
C-650089	ECO - PA 36 x 64	766	3"	1,986 x 896	135
C-606047	ECO - PA 36 x 72	867	3"	2,134 x 896	150
C-606090	ECO - PA 42 x 72	1,300	3"	2,121 x 1,097	242
C-650091	ECO - PA 48 x 74	1,700	3"	2,310 x 1,250	320



ACCESSORIES AND SPARE PARTS

CODE	MODEL	UNIT per box
C-714206	Blank flange	1



CYLINDRICAL WITH LID

- Open container with snap-on cap.
- Made without welds, totally reliable and no need for maintenance.
- Can contain a variety of liquids: From chemical products to food industry products.

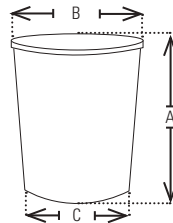
HDPE Made of linear high density polyethylene (HDPE) with high resistance to ultra violet light <1.3 g/cm³



Natural white colour



100% recyclable at end of useful life



CODE	MODEL	TOTAL CAPACITY Lts.	MEASUREMENTS A x B x C mm	WEIGHT (Kg)
C-630080	C 008	80	630 x 445 x 440	4
C-630120	C 012	120	730 x 525 x 520	6
C-630200	C 020	200	1,000 x 580 x 520	8
C-630300	C 030	300	1,230 x 620 x 610	11
C-630500	C 050	500	1,230 x 770 x 760	18

CODE	MODEL	TOTAL CAPACITY Lts.	MEASUREMENTS A x B x C mm	WEIGHT (Kg)
C-630760	C 076	760	1,050 x 1,030 x 1,020	24
C-630850	C 085	850	1,180 x 1,030 x 1,020	27
C-631100	C 110	1,100	1,620 x 1,010 x 1,000	32
C-631500	C 150	1,500	1,290 x 1,290 x 1,280	44
C-632000	C 200	2,000	1,690 x 1,290 x 1,280	53

DOSIFIERS

- Container with threaded cap.
- Made without welds, totally reliable and no need for maintenance.
- Can contain a variety of liquids: From chemical products to food industry products.

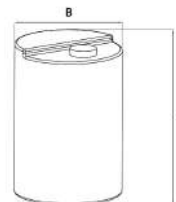
HDPE Made of linear high density polyethylene (HDPE) <1.9g/m³



Natural white colour



100% recyclable at end of useful life



CODE	MODEL	TOTAL CAPACITY Lts.	MEASUREMENTS A x B mm	WEIGHT (Kg)
C-632050	CV 005-01X	50	530 x 390	3.5
C-632120	CV 012-01X	120	730 x 510	5
C-632220	CV 020-01X	200	900 x 570	8
C-632300	CV 030-01X	300	1,190 x 610	10
C-632500	CV 050-01X	500	1,180 x 760	15

WATER STORAGE

- Containers made using blow moulded systems, no seams, no welds and in one single piece.
- Raw material certified and authorised by Spanish Health Directorate.
- HDPE impedes corrosion of containers and prevents transmission of flavours and smells.
- Green colour to improve resistance to UV rays and prevent proliferation of algae and micro-organisms



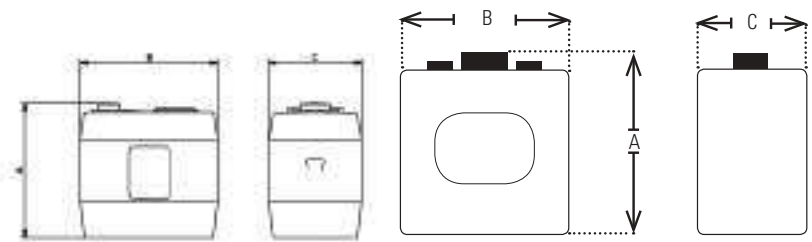
Made of linear high density polyethylene (HDPE)



Narrow containers



100% recyclable, no toxic components



CODE	MODEL	TOTAL CAPACITY ITY Lts.	NO. OUTLETS (mm)			MEASUREMENTS A x B x C mm	WEIGHT (Kg)	
			Ø 72	Ø 150	500x400 Ø 400			
C-714301	RB-250	250	2	-	-	1	510 x 1,060 x 660	10.5
C-714284	RB-500	500	2	-	-	1	1,004 x 1,060 x 660	21
C-714285	RB-700	700	2	-	-	1	1,395 x 1,060 x 660	27.5
C-714299	RC-750	750	3	1	-	-	1,640 x 730 x 730	28
C-714286	RC-1000	1,000	3	1	-	-	1,330 x 1,360 x 720	34
C-714286C	RC-1000 COMPACT	1,000	3	1	-	-	1,980 x 780 x 780	35
C-714295	RDB-2000	2,000	3	-	-	1	1,695 x 2,250 x 720	85
C-714296	RB-3000	3,000	2	-	1	-	1,650 x 2,630 x 880	130

GENERAL SALES TERMS

1. SCOPE OF APPLICATION:

These terms shall apply to all orders and sales of our products. Any change to these terms must be expressly accepted in writing by the Company. Our prices and terms may be revised at any time for all or part of the operations under way at the time of such revision.

2. ORDERS:

In order to avoid mistakes and improve our service, orders must be sent in writing in accordance with the references and descriptions shown in our PRICE LIST, adjusting the quantities to order to the standard quantities established therein. All orders shall be considered definitive unless expressly rejected by the Company.

3. PRICES:

Prices shall always be understood to be "EX WORKS". The buyer shall bear the costs of all taxes, duties, and any other expense. Prices are quoted in euros (VAT not included). The prices of all items included in our PRICE LIST are subject to change at any time without prior notice.

4. SHIPMENT:

Goods shall always be transported at the buyer's risk and expense, excluding goods with carriage pre-paid.

Before accepting the goods, the customer must immediately verify that they are perfect condition. In case of irregularities in delivery on the part of the carrier, the recipient must record the observed anomaly in the carrier's delivery note.

Any damage sustained while in transit that cannot be noticed externally must be notified in writing within 24 hours of receipt.

No claim shall be accepted if any of the above points have not been observed.

5. WARRANTY:

All our products are warranted for a period of TWO YEARS from the date of delivery. Our warranty includes repair or replacement of defective parts in our production plant or in the after-sale service location. Labor and travel (when requested) are not included. Replacement or repair of parts under this warranty will not extend the warranty period of the original product, though such parts carry their own warranty. For this warranty to be effective, the buyer must certify the date of acquisition and reception of the product.

For this warranty to be effective, the buyer must strictly follow the manufacturer's indications contained in the product documentation, when relevant to the product line and model purchased. No warranty is given with regard to normal wear and tear due to use of the products. Regarding fungible or consumable parts, components and/or materials, the provisions contained in the accompanying documentation shall apply.

This warranty does not cover those cases in which the product:

- Has been incorrectly handled
- Has been repaired, maintained or modified by an unauthorized person
- Has been repaired or maintained with other than original parts
- Has been incorrectly installed or commissioned

Excepting mandatory regulations to the contrary, the expenses for return and reshipment of defective materials shall be paid by the buyer. This warranty in no way limits or prejudices consumers' rights under national mandatory regulations.

6. PAYMENT:

Unless otherwise agreed in writing by C.O.R.S.A., all payments shall be made in cash. All duties and taxes resulting from the sale shall be paid by the buyer. Delay in payment shall be subject to 3% monthly interest from the due date, without the need for further notice or request from the seller.

Any changes to the terms of payment shall be notified in writing by the Company.

The buyer shall reimburse the Company for damages in the event of bank commissions and/or legal costs due to the return of outstanding bills.

7. RETURNS:

No returns shall be admitted unless they are due to a shipping error on our part.

In no case shall returns be accepted without prior notification and consent by our sales department.

If an agreement is reached, the material must be delivered to our warehouse perfectly packaged, with carriage pre-paid.

For the return to be processed, the product's order and proof of purchase must be provided, together with a completed Product Return Form from C.O.R.S.A.

Returns not conforming to the above shall be rejected, at the buyer's risk and expense. No return of special work or products which meet the characteristics, design, and projects requested by the customer shall be admitted. Credits for returns accepted shall be deducted from future invoices.

8. CANCELLATION:

Without prejudice to other actions to which the Company might be entitled, we reserve the right to terminate or cancel any operation in case of violation of these terms, as well as in the event of failure to pay or delay in paying for previous supplies; likewise should executive procedures be initiated against the buyer or should they go into receivership or bankruptcy.

In the event of termination or cancellation of all or any part of an order by the buyer without prior agreement, the buyer shall pay the Company an indemnification of 20% of the value of the goods involved in the termination or cancellation, without prejudice to the Company's further demand for damages caused by the cancellation of the order.

9. RESERVATION OF OWNERSHIP:

The Company reserves the ownership of any goods sold until such time as the buyer shall have paid the price in full. The Company may, at any time during this period, remove such goods totally or partially from the buyer's premises.

10. JURISDICTION AND COMPETENCE:

Any litigation between the parties shall be submitted to the exclusive jurisdiction and venue of the courts of Barcelona.

WE RESERVE THE RIGHT TO CHANGE, WHOLLY OR PARTIALLY, THE CHARACTERISTICS OF OUR PRODUCTS AND THE CONTENT OF THIS DOCUMENT, WITHOUT PRIOR NOTICE.

INSTALLATIONS





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