

PRODUCT

CATALOGUE 2018



WATER TREATMENT SYSTEMS



DEPUR SISTEM ITALIA is a young and dynamic company specialized in the design, manufacturing and servicing of water treatment systems for domestic and industrial use.

The company was founded in 1992 by brothers Gino and Adriano Paolini thanks to a shared passion for water treatment systems. At first it was only a small handicraft company, but immediately putting to good use the experience and expertise gained in the employ of a major engineering company it has developed rapidly especially in the industrial sector and later specialized in mass-production of innovative products for domestic and professional use.

Our highly specialized technical and commercial staff attend the customers with punctuality and professionalism in all design phases, sales and technical support. Over the past decade the company has grown significantly and with its focus on product quality and customer satisfaction it has acquired superior market positions and becoming to the present day a company that is highly professional and well structured at all levels that work.

The wide range of products includes: water softeners, reverse osmosis systems, purifying filters in micro and ultra-filtration, UV sterilizers, water cooler, water purifiers, iron removal, dosing systems, housings and filter cartridges as well as components and accessories for water treatment.

The very high preparation level of the technicians involved in the research and development of new technologies, over the years has allowed us to achieve important patents for the creation of innovative water treatment systems, both in the field of ion exchange water softeners and the latest generation of reverse osmosis systems. The design experience gained in many years of work it has enabled the achievement of a high technological level of the products and services offered without forgetting the important functional aspect, quality and design of the machines.

Our production department is equipped with modern and efficient production and assembly lines that allow us to achieve a high daily output capacity of products with excellent price to ratio quality. In the assembly of our products we exclusively use specialized technicians with many years of experience in the water treatment industry, instructed and trained directly by our technical staff. All this allows us to compete with a high quality product "Made in Italy" in an increasingly tough market and globalized.

Our technical and commercial staff are also able to conceive projects and provide custom quotations for the supply of specific equipment for the elimination and reduction of any type of substance present in the water.

Technology, quality and assistance: these are the main characteristics that make DEPUR SISTEM ITALIA a successful company projected towards the future!



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**Soft water
in your home!**

**COMPACT
WATER SOFTENER
HIGH CAPACITY**

**DOUBLE RESIN LAYER
PATENTED TECHNOLOGY**

**UNIFORM PARTICLE SIZE
GEL CATION RESINS**

**LOW CONSUMPTION
-50% SALT AND WATER**



VALVE 255/762



Code	Ecologic Water Softeners LYNPHA DOLCE series
LYNPHAD10	Ecologic water softener LYNPHA DOLCE volumetric 1200 lt/h
LYNPHAD11	Ecologic water softener LYNPHA DOLCE PLUS volumetric 1200 lt/h

Code	Accessories and spare parts
STERIL001	Kit chlorine generator for 255/268 Logix valve
FILCA004	Filter housing FP3 brass inserts Ø ¾" length 9"¾ blue head and clear bowl
CARFIL10	Washable nylon mesh filter cartridge 80µ length 9"¾
76-7	Plastic wrench for disassembling filter housing mod. FP2 / FP3
FIAUT011	Self cleaning filter AP-PRO Ø ¾" PN10 nylon mesh cartridge 89µ max flow rate 3,5 m³/h
BYPAS001	Manual bypass kit Ø ¾" for valve 255
5006	Economic Total Hardness test kit blister monoreagent 350 °F tests
1015	Total Hardness test kit Tit. 1 °F
SALPA025	Pure salt tablets, 25 kg. bag

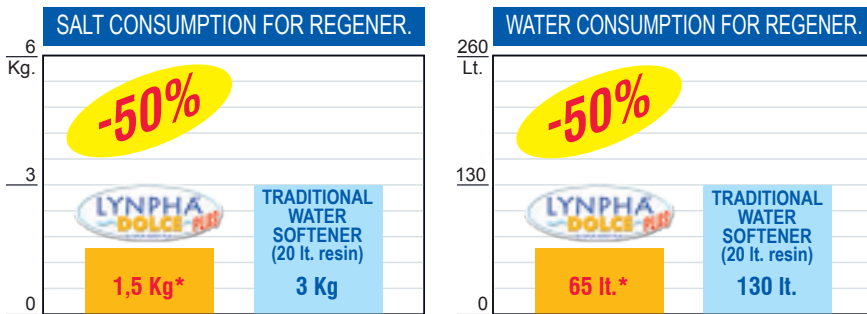


LYNPHA DOLCE PLUS



The new generation of ecological water softeners for domestic use that completely revolutionizes the technology used until now for the regeneration of ion exchange resins. Thanks to the exclusive "DRL" (Double Resin Layer) technology combined with the use of high capacity, uniform particle size resins for softening of drinking water, LYNPHA DOLCE allows optimal use of brine and washing water, reducing the consumption of salt and water used for regeneration (-50% salt and water) and also its overall dimensions.

Using a microprocessor and a litre counter incorporated into the centralised control valve, LYNPHA DOLCE regenerates according to the quantity (volume) of water actually used. Since the water consumption of each home is usually variable, the computer changes the wash cycle frequency according to the volume of water produced daily. The microprocessor calculates the average consumption of the previous days and compares it to the residual cyclic capacity of the system. In the event of a power failure, all calculated data are stored to memory on a special chip. On request, the water softeners LYNPHA DOLCE can be supplied with automatic device for producing chlorine, able to sterilize the resin bed at each regeneration cycle.



* Indicative value obtained in laboratory conditions and based on water with hardness 30 °F, supply pressure 3.5 bar and temperature 18°C.

Stylish, small, versatile and compact, LYNPHA DOLCE can be placed anywhere, without taking up precious space in the home. Thanks to its relatively small dimensions, it can be also installed where traditional water softeners would not fit (utility room, understairs, balcony, veranda, garage, etc.). In order to facilitate installation, the water softener has a manual bypass valve with brass fittings and a mixing valve to control the residual hardness (recommended value approx. 8 °F). To ensure the unit's long-term effectiveness, it is advisable to install a pre-filter upstream of the water softener and a pressure reducing valve to prevent that the maximum allowed pressure of the inlet raw water is exceeded (recommended value 3.5 bar). The unit must be installed by a qualified operator in full compliance with the regulations in force as per Italian Ministerial Decree no. 37/08.

The water softeners of the series LYNPHA DOLCE are "Made in Italy" products using only the best materials and the most advanced processing systems complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, LYNPHA DOLCE is a **patented water softener** for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards. Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

LYNPHA DOLCE SERIES WATER SOFTENERS SPECIFICATIONS

MODEL	max. flow rate	resin volume	pressure range	power supply	cyclic capacity	salt for cycle regeneration	water for cycle regeneration
	lt/h	lt.	bar	V. / Hz	m³/°F	Kg.	lt.
LYNPHA DOLCE	1200	12	2 ÷ 5	230 / 50	46	0,8	45
LYNPHA DOLCE PLUS	1200	20	2 ÷ 5	230 / 50	97	1,5	65

LYNPHA DOLCE SERIES WATER SOFTENERS DIMENSIONS

MODEL	dimensions			salt tank capacity	pressure vessel size	empty weight	ø pipes	
	L	D	H				in-out	discharge
	mm.	mm.	mm.				Kg.	PP
LYNPHA DOLCE	325	550	625	35	10" x 17"	27	3/4"	1/2"
LYNPHA DOLCE PLUS	325	550	810	55	10" x 24"	40	3/4"	1/2"



CARFIL10

FILCA004

FIAUT011



BYPAS001

DOMESTIC WATER SOFTENERS

STA AND SVA SERIES

STA SERIES TIME REGENERATION
 SVA SERIES VOLUME REGENERATION
 CABINET AND DUO BLOC VERSION
 WIDE RANGE OF ACCESSORIES



VALVE 255/760



VALVE 268/760

STA / SVA SERIES WATER SOFTENERS DIMENSIONS

CABINET MODEL	dimensions			salt tank capacity lt.	pressure vessel size VTR + PE	mod. valve Autotrol	ø pipes	
	L	D	H				in-out	discharge
	mm.	mm.	mm.					
STA1 / SVA1 08E	240	510	620	30	8" x 17"	255	3/4"	1/2"
STA1 / SVA1 10	320	570	660	35	10" x 17"	255	3/4"	1/2"
STA1 / SVA1 15	320	550	810	50	9" x 24"	255	3/4"	1/2"
STA1 / SVA1 20	320	570	1130	70	8" x 35"	255	3/4"	1/2"
STA1 / SVA1 28	320	570	1130	60	10" x 35"	255	1"	1/2"

DUO BLOC MODEL	dimensions mm.				salt tank capacity lt.	pressure vessel size VTR + PE	mod. valve Autotrol	ø pipes	
	water softener		brine tank					in-out	discharge
	Ø	H	L	H					
STA2 / SVA2 10	195	965	380	790	85	7" x 30"	255	3/4"	1/2"
STA2 / SVA2 20	215	1090	380	790	85	8" x 35"	255	3/4"	1/2"
STA2 / SVA2 28	265	1090	380	790	85	10" x 35"	255	1"	1/2"
STA2 / SVA2 40	265	1580	500	800	140	10" x 54"	255	1"	1/2"
STA2 / SVA2 50	310	1430	500	800	140	12" x 48"	255	1"	1/2"
STA2 / SVA2 70	340	1580	500	800	140	13" x 54"	268	1"	3/4"
STA2 / SVA2 100	365	1870	500	1080	190	14" x 65"	268	1 1/4"	3/4"
STA2 / SVA2 130	415	1870	500	1080	190	16" x 65"	268	1 1/4"	3/4"
STA2 / SVA2 150	490	1950	635	1150	340	18" x 65"	268	1 1/4"	3/4"

The automatic water softeners of the series STA and SVA, thanks to the use of special ion exchange resins suitable for the contact with drinking water, effectively remove encrusting salts of **calcium and magnesium** from the water, which form the so-called "limestone", main cause of fouling and damage to water systems, water heaters, boilers, taps and household appliances.

The series STA equipped with **electronic time timer**, is the most economic system usually used for utilities with almost constant water consumption. This timer allows the programming of the days of the week on which the regeneration shall be carried out. The automatic start of the regeneration cycle at the selected days usually takes place in the night hours in order to avoid the supply of not softened water.

The series SVA equipped with **electronic volume timer**, is the most sophisticated system used for utilities with extremely variable and discontinuous water consumption. The electronic timer starts the volumetric controlled regeneration, based on the amount of water actually used: Since the water consumption of each home is usually variable, the computer changes the regeneration cycle frequency according to the volume of water produced daily. This allows a greater efficiency and a saving of salt and water compared to a softener with time regeneration.

The automatic water softeners of the series STA and SVA are prepared for the installation of the manual bypass and the automatic device for producing chlorine able to sterilize the resin bed. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. The automatic water softeners of the series STA and SVA are units for the treatment of drinking water and conform to the Italian Health Ministry's Decree no. 25/2012 and EC standards. Warning: these appliances require regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

THE ADVANTAGES OF THE WATER SOFTENERS

SAVING of costs for electricity and fuel for the domestic hot water production. Reduction in the consumption of detergents, fabric softeners and brighteners for the washing of laundry and dishes. The saving with the softened water can vary from 40 to 70%.

PREVENTION of fouling in boilers, in compliance with the provisions of law 37/08 and the standard UNI 8065. Safeguarding the functioning of boilers, taps, bathroom fixtures, washing machines, dishwashers and household appliances in general.

ECOLOGICAL: elimination of limescale removers needed to remove fouling and lower consumption of detergents, thus saving time, effort, money, but especially less pollution of our environment.

WELLBEING: with softened water you will have softer laundry, your hair will be brighter and with a few drops of product you can take a relaxing bath that will give your skin softness and elasticity.

STA / SVA SERIES WATER SOFTENERS SPECIFICATIONS

CABINET MODEL	max. flow rate	resin volume	pressure range	power supply	cyclic capacity	salt for cycle regeneration	water for cycle regeneration
	lt/h	lt.	bar	V. / Hz	m ³ /°F	Kg.	lt.
STA1 / SVA1 08E	500	8	2 ÷ 5	230 / 50	45	1,5	100
STA1 / SVA1 10	800	10	2 ÷ 5	230 / 50	55	1,8	125
STA1 / SVA1 15	1000	15	2 ÷ 5	230 / 50	80	2,7	180
STA1 / SVA1 20	1200	20	2 ÷ 5	230 / 50	110	3,6	225
STA1 / SVA1 28	2000	28	2 ÷ 5	230 / 50	160	5	300

DUO BLOC MODEL	max. flow rate	resin volume	pressure range	power supply	cyclic capacity	salt for cycle regeneration	water for cycle regeneration
	lt/h	lt.	bar	V. / Hz	m ³ /°F	Kg.	lt.
STA2 / SVA2 10	800	10	2 ÷ 5	230 / 50	55	1,8	125
STA2 / SVA2 20	1200	20	2 ÷ 5	230 / 50	110	3,6	225
STA2 / SVA2 28	2000	28	2 ÷ 5	230 / 50	160	5	300
STA2 / SVA2 40	2700	40	2 ÷ 5	230 / 50	240	7,2	500
STA2 / SVA2 50	3000	50	2 ÷ 5	230 / 50	300	9	650
STA2 / SVA2 70	3500	70	2 ÷ 5	230 / 50	420	12,6	900
STA2 / SVA2 100	4000	100	2 ÷ 5	230 / 50	600	18	1200
STA2 / SVA2 130	4500	130	2 ÷ 5	230 / 50	780	23,4	1450
STA2 / SVA2 150	4500	150	2 ÷ 5	230 / 50	900	27	1800



STERIL001



FILCA004



FILOT001



CARFIL10



28



CARFIL06



FIAUT010



76-7



FIAUT003



CARFIL04



BYPAS001



BYPAS002



STA1 / SVA1-08E



STA1 / SVA1-10



STA1 / SVA1-20/28



STA1 / SVA1-15



STA2 / SVA2-10/20/28



CABINET WATER SOFTENERS

CABINET WATER SOFTENERS STA SERIES (time timer)

Code	Cabinet Water Softeners STA series
STA1008E	Cabinet water softener STA1 08E chronometric 500 lt/h
STA1010	Cabinet water softener STA1 10 chronometric 800 lt/h
STA1015	Cabinet water softener STA1 15 chronometric 1000 lt/h
STA1020	Cabinet water softener STA1 20 chronometric 1200 lt/h
STA1028	Cabinet water softener STA1 28 chronometric 2000 lt/h

CABINET WATER SOFTENERS SVA SERIES (volume timer)

Code	Cabinet Water Softeners SVA series
SVA1008E	Cabinet water softener SVA1 08E volumetric 500 lt/h
SVA1010	Cabinet water softener SVA1 10 volumetric 800 lt/h
SVA1015	Cabinet water softener SVA1 15 volumetric 1000 lt/h
SVA1020	Cabinet water softener SVA1 20 volumetric 1200 lt/h
SVA1028	Cabinet water softener SVA1 28 volumetric 2000 lt/h

DUO BLOC WATER SOFTENERS

DUO BLOC WATER SOFTENERS STA SERIES (time timer)

Code	Duo Bloc Water Softeners STA series
STA2010	Duo bloc water softener STA2 10 chronometric 800 lt/h
STA2020	Duo bloc water softener STA2 20 chronometric 1200 lt/h
STA2028	Duo bloc water softener STA2 28 chronometric 2000 lt/h

DUO BLOC WATER SOFTENERS SVA SERIES (volume timer)

Code	Duo Bloc Water Softeners SVA series
SVA2010	Duo bloc water softener SVA2 10 volumetric 800 lt/h
SVA2020	Duo bloc water softener SVA2 20 volumetric 1200 lt/h
SVA2028	Duo bloc water softener SVA2 28 volumetric 2000 lt/h

DUO BLOC WATER SOFTENERS STA SERIES (time timer)

Code	Duo Bloc Water Softeners STA series
STA2040	Duo bloc water softener STA2 40 chronometric 2700 lt/h
STA2050	Duo bloc water softener STA2 50 chronometric 3000 lt/h
STA2070	Duo bloc water softener STA2 70 chronometric 3500 lt/h
STA2100	Duo bloc water softener STA2 100 chronometric 4000 lt/h
STA2130	Duo bloc water softener STA2 130 chronometric 4500 lt/h
STA2150	Duo bloc water softener STA2 150 chronometric 4500 lt/h



STA2 / SVA2-40/50

DUO BLOC WATER SOFTENERS SVA SERIES (volume timer)

Code	Duo Bloc Water Softeners SVA series
SVA2040	Duo bloc water softener SVA2 40 volumetric 2700 lt/h
SVA2050	Duo bloc water softener SVA2 50 volumetric 3000 lt/h
SVA2070	Duo bloc water softener SVA2 70 volumetric 3500 lt/h
SVA2100	Duo bloc water softener SVA2 100 volumetric 4000 lt/h
SVA2130	Duo bloc water softener SVA2 130 volumetric 4500 lt/h
SVA2150	Duo bloc water softener SVA2 150 volumetric 4500 lt/h



STA2 / SVA2-70

ACCESSORIES AND SPARE PARTS STA / SVA WATER SOFTENERS

Code	Accessories and spare parts
STERIL001	Kit chlorine generator for 255/268 Logix valve
FILCA004	Filter housing FP3 brass inserts Ø ¾" length 9¾" blue head and clear bowl
FILCA006	Filter housing FP3 brass inserts Ø 1" length 9¾" blue head and clear bowl
FILOT001	Filter housing OTS Ø 1" length 10" brass head and clear bowl
CARFIL10	Washable nylon mesh filter cartridge 80µ length 9¾"
CARFIL06	Pleated stainless steel mesh filter cartridge 50µ length 10"
28	Filter cartridge Microfiber PP 5µ length 10"
76-7	Plastic wrench for disassembling filter housing mod. FP2 / FP3
76-5	Metal wrench for disassembling filter housing mod. OTS
FIAUT010	Self cleaning filter AP-PRO Ø 1" PN10 nylon mesh cartridge 89µ max flow rate 4 m³/h
FIAUT011	Self cleaning filter AP-PRO Ø ¾" PN10 nylon mesh cartridge 89µ max flow rate 3,5 m³/h
FIAUT003	Self cleaning filter MAXI Ø 1¼" M with stainless steel mesh cartridge 60µ length 10" brass head and clear bowl
CARFIL04	Stainless steel mesh cartridge spare part for filter MAXI Ø 1¼"
BYPAS001	Manual bypass kit Ø ¾" for valve 255
BYPAS003	Manual bypass kit Ø 1" for valve 255
BYPAS002	Manual bypass kit Ø 1" for valve 263/268
5006	Economic Total Hardness test kit blister monoreagent 350 °F tests
1015	Total Hardness test kit Tit. 1 °F
SALGR025	Dried sea salt 25 kg. bag
SALPA025	Pure salt tablets 25 kg. bag



STA2 / SVA2-100/130/150



COMPACT WATER SOFTENERS

Dolce Acqua

Quality and convenience against the limestone!

ELECTRONIC TIMER
VOLUME REGENERATION

EASY USE
MAXIMUM RELIABILITY

COMPACT WATER SOFTENER
ELEGANT DESIGN

WIDE RANGE
OF ACCESSORIES



VALVE 368/606



Code	Compact Water Softeners DOLCE ACQUA series
DOLAC010	Compact water softener DOLCE ACQUA 10 volumetric 800 lt/h
DOLAC015	Compact water softener DOLCE ACQUA 15 volumetric 1000 lt/h
DOLAC020	Compact water softener DOLCE ACQUA 20 volumetric 1200 lt/h
DOLAC028	Compact water softener DOLCE ACQUA 28 volumetric 1850 lt/h

Code	Accessories and spare parts
STERIL002	Kit chlorine generator universal model (without transformer)
FILCA004	Filter housing FP3 brass inserts Ø ¾" length 9"¾ blue head and clear bowl
CARFIL10	Washable nylon mesh filter cartridge 80µ length 9"¾
76-7	Plastic wrench for disassembling filter housing mod. FP2 / FP3
FIAUT011	Self cleaning filter AP-PRO Ø ¾" PN10 nylon mesh cartridge 89µ max flow rate 3,5 m³/h
BYPAS004	Manual bypass kit Ø ¾" for valve 368
5006	Economic Total Hardness test kit blister monoreagent 350 °F tests
1015	Total Hardness test kit Tit. 1 °F
SALPA025	Pure salt tablets, 25 kg. bag

The automatic water softeners of the series DOLCE ACQUA, thanks to the use of special ion exchange resins suitable for the treatment of drinking water, effectively remove encrusting salts of **calcium and magnesium** from the water, which form the so-called "limestone", main cause of fouling and damage to water systems, water heaters, boilers, taps and household appliances in general.

The series DOLCE ACQUA equipped with **electronic volume timer**, is a modern and reliable system used for utilities with extremely variable and discontinuous water consumption. The timer starts the volumetric controlled regeneration, based on the amount of water actually used: since the water consumption of each home is usually variable, the computer changes the regeneration cycle frequency according to the volume of water produced daily. This allows a greater efficiency and a saving of salt and water compared to a softener with time regeneration. The automatic start of the regeneration cycle usually takes place in the night hours in order to avoid the supply of not softened water.

On request (Optional), the water softeners DOLCE ACQUA can be supplied with automatic device for producing chlorine, able to sterilize the resin bed at each regeneration cycle. In order to facilitate installation, all water softeners are complete with mounting kit and a mixing valve to control the residual hardness (recommended value approx. 8 °F). To ensure the unit's long-term effectiveness, it is advisable to install a pre-filter upstream of the unit and a pressure reducing valve to prevent that the maximum allowed pressure of the inlet raw water is exceeded (recommended value 3.5 bar). The unit must be installed by a qualified operator in full compliance with the regulations in force as per Italian Ministerial Decree no. 37/08.

The compact water softeners of the series DOLCE ACQUA are "Made in Italy" products using only the best materials and the most advanced processing systems complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. The water softeners DOLCE ACQUA are units for the treatment of drinking water and conform to the Italian Health Ministry's Decree no. 25/2012 and EC standards. Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

THE ADVANTAGES OF THE WATER SOFTENERS

SAVING of costs for electricity and fuel for the domestic hot water production. Reduction in the consumption of detergents, fabric softeners and brighteners for the washing of laundry and dishes. The saving with the softened water can vary from 40 to 70%.

PREVENTION of fouling in boilers, in compliance with the provisions of law 37/08 and the standard UNI 8065. Safeguarding the functioning of boilers, taps, bathroom fixtures, washing machines, dishwashers and household appliances in general.

ECOLOGICAL: elimination of limescale removers needed to remove fouling and lower consumption of detergents, thus saving time, effort, money, but especially less pollution of our environment.

WELLBEING: with softened water you will have softer laundry, your hair will be brighter and with a few drops of product you can take a relaxing bath that will give your skin softness and elasticity.

DOLCE ACQUA SERIES WATER SOFTENERS SPECIFICATIONS

MODEL	max. flow rate	resin volume	pressure range	power supply	cyclic capacity	salt for cycle regeneration	water for cycle regeneration
	lt/h	lt.	bar	V. / Hz	m ³ /°F	Kg.	lt.
DOLCE ACQUA 10	800	10	2 ÷ 5	230 / 50	40	1,8	105
DOLCE ACQUA 15	1000	15	2 ÷ 5	230 / 50	70	2,2	110
DOLCE ACQUA 20	1200	20	2 ÷ 5	230 / 50	110	3,0	130
DOLCE ACQUA 28	1850	28	2 ÷ 5	230 / 50	160	4,5	160

DOLCE ACQUA SERIES WATER SOFTENERS DIMENSIONS

MODEL	dimensions			salt tank capacity	pressure vessel size	empty weight	ø pipes	
	L	D	H				in-out	discharge
	mm.	mm.	mm.	Kg.	VTR + PE	Kg.	in-out	discharge
DOLCE ACQUA 10	325	525	525	35	10" x 17"	19	3/4"	1/2"
DOLCE ACQUA 15	325	525	700	65	9" x 24"	23	3/4"	1/2"
DOLCE ACQUA 20	325	525	985	90	8" x 35"	31	3/4"	1/2"
DOLCE ACQUA 28	325	525	985	80	10" x 35"	38	3/4"	1/2"



DOLCE ACQUA 10

DOLCE ACQUA 15



DOLCE ACQUA 20 / 28



BYPAS004



STERIL002



FILCA004



CARFIL10



FIAUT011

**ECOLOGIC
WATER SOFTENERS**

Dolce Acqua ECO

The new generation
water softener!

**LOW CONSUMPTION
-50% SALT AND WATER**

**DOUBLE RESIN LAYER
PATENTED TECHNOLOGY**

**MONOSPHERE RESIN
OF HIGH CAPACITY**

**RELIABLE
SUPER COMPACT**



BYPAS004

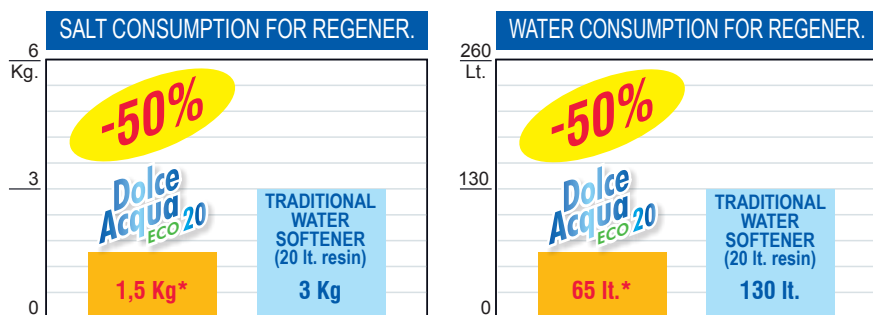


Code	Ecologic Water Softeners DOLCE ACQUA ECO series
DOLCEC012	Ecologic water softener DOLCE ACQUA ECO 12 volumetric 1200 lt/h
DOLCEC020	Ecologic water softener DOLCE ACQUA ECO 20 volumetric 1200 lt/h

Code	Accessories and spare parts
STERIL002	Kit chlorine generator universal model (without transformer)
FILCA004	Filter housing FP3 brass inserts Ø ¾" length 9"¾ blue head and clear bowl
CARFIL10	Washable nylon mesh filter cartridge 80µ length 9"¾
76-7	Plastic wrench for disassembling filter housing mod. FP2 / FP3
FIAUT011	Self cleaning filter AP-PRO Ø ¾" PN10 nylon mesh cartridge 89µ max flow rate 3,5 m³/h
BYPAS004	Manual bypass kit Ø ¾" for valve 368
5006	Economic Total Hardness test kit blister monoreagent 350 °F tests
1015	Total Hardness test kit Tit. 1 °F
SALPA025	Pure salt tablets, 25 kg. bag

The new generation of ecological water softeners for domestic use that completely revolutionizes the technology used until now for the regeneration of ion exchange resins. Thanks to the exclusive "DRL" (Double Resin Layer) technology combined with the use of high capacity, uniform particle size resins for softening of drinking water, DOLCE ACQUA ECO allows optimal use of brine and washing water, reducing the consumption of salt and water used for regeneration (-50% salt and water) and also its overall dimensions.

Using a microprocessor and a litre counter incorporated into the centralised control valve, DOLCE ACQUA ECO regenerates according to the quantity (volume) of water actually used. Since the water consumption of each home is usually variable, the computer changes the wash cycle frequency according to the volume of water produced daily. The microprocessor calculates the average consumption of the previous days and compares it to the residual cyclic capacity of the system. In the event of a power failure, all calculated data are stored to memory on a special chip. On request, the water softeners DOLCE ACQUA ECO can be supplied with automatic device for producing chlorine, able to sterilize the resin bed at each regeneration cycle.



* Indicative value obtained in laboratory conditions and based on water with hardness 30 °F, supply pressure 3.5 bar and temperature 18°C.

Stylish, small, versatile and compact, DOLCE ACQUA ECO can be placed anywhere, without taking up precious space in the home. Thanks to its relatively small dimensions, it can be also installed where traditional water softeners would not fit (utility room, understairs, balcony, veranda, garage, etc.). In order to facilitate installation, the water softener has a manual bypass valve with brass fittings and a mixing valve to control the residual hardness (recommended value approx. 8 °F). To ensure the unit's long-term effectiveness, it is advisable to install a pre-filter upstream of the water softener and a pressure reducing valve to prevent that the maximum allowed pressure of the inlet raw water is exceeded (recommended value 3.5 bar). The unit must be installed by a qualified operator in full compliance with the regulations in force as per Italian Ministerial Decree no. 37/08.

The water softeners of the series DOLCE ACQUA ECO are "Made in Italy" products using only the best materials and the most advanced processing systems complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, DOLCE ACQUA ECO is a **patented water softener** for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards. Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

DOLCE ACQUA ECO SERIES WATER SOFTENERS SPECIFICATIONS

MODEL	max. flow rate	resin volume	pressure range	power supply	cyclic capacity	salt for cycle regeneration	water for cycle regeneration
	lt/h	lt.	bar	V. / Hz	m ³ /°F	Kg.	lt.
DOLCE ACQUA ECO 12	1200	12	2 ÷ 5	230 / 50	46	0,8	45
DOLCE ACQUA ECO 20	1200	20	2 ÷ 5	230 / 50	97	1,5	65

DOLCE ACQUA ECO SERIES WATER SOFTENERS DIMENSIONS

MODEL	dimensions			salt tank capacity	pressure vessel size	empty weight	ø pipes	
	L	D	H				in-out	discharge
	mm.	mm.	mm.	Kg.	PP	Kg.	3/4"	1/2"
DOLCE ACQUA ECO 12	325	525	525	35	10" x 17"	27	3/4"	1/2"
DOLCE ACQUA ECO 20	325	525	700	55	10" x 24"	40	3/4"	1/2"



DOLCE ACQUA ECO 20

WATER SOFTENERS



VALVE 368/606

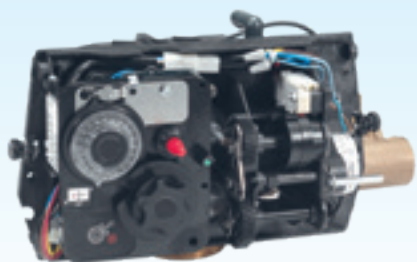
PROFESSIONAL WATER SOFTENERS

SVFD DUPLEX SERIES

SVFD SERIES
DUPLEX NON-STOP
WATER SUPPLY
WATER SOFTENERS
24h ON 24

TIMER
ELECTROMECHANICAL
VOLUME
REGENERATION

EASY USE
MAXIMUM RELIABILITY



VALVE 9000/1600



Code	Duplex Water Softeners SVFD series
SVFD028	Duplex water softener SVFD 28 volumetric 2000 lt/h
SVFD040	Duplex water softener SVFD 40 volumetric 2700 lt/h
SVFD070	Duplex water softener SVFD 70 volumetric 3500 lt/h
SVFD100	Duplex water softener SVFD 100 volumetric 4000 lt/h
SVFD150	Duplex water softener SVFD 150 volumetric 4500 lt/h

Code	Accessories and spare parts
STERIL002	Kit chlorine generator universal model (without transformer)
AWDS500	Transformer socket 230-12V for electronic timer and chlorine generator
FILCA006	Filter housing FP3 brass inserts Ø 1" length 9¾" blue head and clear bowl
FIL0T001	Filter housing OTS Ø 1" length 10" brass head and clear bowl
CARFIL10	Washable nylon mesh filter cartridge 80µ length 9¾"
CARFIL06	Pleated stainless steel mesh filter cartridge 50µ length 10"
28	Filter cartridge Microfiber PP 5µ length 10"
76-7	Plastic wrench for disassembling filter housing mod. FP2 / FP3
76-5	Metal wrench for disassembling filter housing mod. OTS
FIAUT010	Self cleaning filter AP-PRO Ø 1" PN10 nylon mesh cartridge 89µ max flow rate 4 m³/h
FIAUT003	Self cleaning filter MAXI Ø 1¼" M with stainless steel mesh cartridge 60µ length 10" brass head and clear bowl
1015	Total Hardness test kit Tit. 1 °F

The water softeners SVFD "DUPLIX VOLUMETRIC" series, thanks to the supplied **electromechanical timer mod. 1600** are automatically controlled water softeners. This type of water softeners is used for utilities with a very variable daily consumption, in cases where it is not possible to install a storage tank.

The system can supply **softened water at continuous cycle** without need of a break for the resins regeneration. This is possible thanks to two pressure wessel made of fibreglass, charged with strong cationic resin in sodium cycle that work in alternation, while one line is in cycle, the other is paused/regeneration. On reaching the set-point, the operating line automatically starts the regeneration cycle and alternates with the other line already regenerated which automatically enters in production.

In this type of water softeners the start of the regeneration takes place automatically when reaching the volume of softened water set on the electromechanical timer. Even in the absence of power supply the electromechanical timer continues to count the litres of softened water supplied by the unit.

MAIN CHARACTERISTICS

- Supply of softened water in a continuous cycle (without pause for regeneration).
- On timer continuous display of litres of softened water supplied.
- Automatic regeneration in volume, the water softener automatically starts the regeneration after all litres of water available are consumed.
- Possibility of programming the duration of the phases of regeneration and the volume of usable softened water between one regenerations and the other.
- 5-cycles centralised valve built in bronze with downflow regeneration system.

CONSTRUCTION COMPONENTS

AUTOMATISM: centralised valve mod. 9000 of horizontal type of five cycles with time control of the regeneration phases, built in bronze and reinforced Noryl with glass fibre.

TIMER: mod. 1600 electromechanical with volumetric control, capable of piloting automatically each working and regeneration phase of the water softener.

COUNTER: turbine litre-counter integrated in the centralised valve and complete with cable for the connection to the electromechanical timer.

RESINS TANK: pressure wessel built in non-toxic plastic material and externally reinforced with fibreglass, complete with upper and lower screen for the drainage of cationic resin load supplied in Na+ sodium cycle able to guarantee the cyclic and maximum flow rate.

SALT TANK: built of rigid polyethylene with high density and complete with separation grid, well, air-check brine valve $\varnothing \frac{3}{8}$ " intake pipes of the brine and overflow fitting $\varnothing \frac{1}{2}$ ".



STERIL002



FILCA006



CARFIL10



FILOT001



CARFIL06



28



FIAUT010



FIAUT003



CARFIL04



76-7



76-5

DUPLIX SVFD SERIES WATER SOFTENERS DIMENSIONS

MODEL	dimensions mm.					salt tank capacity	pressure wessel size	mod. valve	ø pipes		
	water softener			brine tank					Fleck	in-out	discharge
	L	D	H	L	H						
SVFD 28	650	270	1100	380	790	85	10" x 35"	9000	1"	½"	
SVFD 40	650	270	1560	500	800	140	10" x 54"	9000	1"	½"	
SVFD 70	750	350	1600	500	800	140	13" x 54"	9000	1"	½"	
SVFD 100	900	400	1900	500	1080	190	14" x 65"	9000	1"	½"	
SVFD 150	1100	500	1900	635	1150	340	18" x 65"	9000	1"	½"	

DUPLIX SVFD SERIES WATER SOFTENERS SPECIFICATIONS

MODEL	max. flow rate	resin volume	pressure range	power supply	cyclic capacity	salt for cycle regeneration	water for cycle regeneration
	lt/h	lt.	bar	V. / Hz	m³/°F	Kg.	lt.
SVFD 28	2000	28	2 ÷ 5	230 / 50	160	5,7	300
SVFD 40	2700	40	2 ÷ 5	230 / 50	240	7,2	500
SVFD 70	3500	70	2 ÷ 5	230 / 50	420	12,6	900
SVFD 100	4000	100	2 ÷ 5	230 / 50	600	18	1200
SVFD 150	4500	150	2 ÷ 5	230 / 50	900	27	1700

RESIDENTIAL WATER SOFTENERS

SVS-AC SERIES

**SVS-AC SERIES
VOLUME
REGENERATION
ELECTRONIC TIMER
SFE-OC/06
VALVE CENTRALIZED
WITH AVERAGE
FLOWRATE
INTEGRATED AUTOMATIC
RESINS DISINFECTION
SYSTEM**



V230T/05 VALVE
SFE-OC/06



Code	Residential Water Softeners SVS-AC series
SVS0100AC	Residential water softener SVS-AC 100 volumetric 5500 lt/h
SVS0130AC	Residential water softener SVS-AC 130 volumetric 6000 lt/h
SVS0150AC	Residential water softener SVS-AC 150 volumetric 6500 lt/h
SVS0200AC	Residential water softener SVS-AC 200 volumetric 7000 lt/h
SVS0250AC	Residential water softener SVS-AC 250 volumetric 8500 lt/h
SVS0300AC	Residential water softener SVS-AC 300 volumetric 9500 lt/h

Code	Accessories and spare parts
590-A	Titanium Probe Chlorine Generator 3/8"-3/8" MM for Siata valve V132-V230
VALGHI004	Hydropneumatic valve made of cast iron Ø 1½" F normally open (for use closure)
FILOT002	Filter housing OTS Ø 1½" length 10" brass head and clear bowl
FILOT003	Filter housing OTS Ø 2" length 20" brass head and clear bowl
CARFIL02	Special washable nylon mesh filter cartridge 60µ length 10" for OTS filter
CARFIL03	Special washable nylon mesh filter cartridge 60µ length 20" for OTS filter
76-5	Metal wrench for disassembling filter housing mod. OTS
FIAUT004	Self cleaning filter MAXI Ø 1½" M with stainless steel mesh cartridge 60µ length 10" brass head and clear bowl
CARFIL08	Stainless steel mesh cartridge spare part for filter MAXI Ø 1½"
5006	Economic Total Hardness test kit blister monoreagent 350 °F tests
1015	Total Hardness test kit Tit. 1 °F

The water softeners SVS-AC series, thanks to the supplied **electronic timer "SFE"** are automatically controlled water softeners. The computer ensures a sophisticated volumetric regeneration system using a microprocessor and an electronic counter of treated water. The complete possibility of programming each parameter ensures a perfect control of the system. The regeneration control is made in time/volume mode, as required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. The automatic water softeners SVS-AC series are appliances for the treatment of drinking water and conform to the Italian Health Ministry's Decree no. 25/2012 and EC standards.

Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

MAIN CHARACTERISTICS

- Automatic resin disinfecting system at each regeneration (optional).
- On display instantaneous display of litres of water supplied.
- Backup battery for maintenance of programmed data and day time.
- Automatic bypass function during all regeneration phases.
- Possibility of programming the times of the phases of regeneration and the volume of treated water available for each working cycle.

CONSTRUCTION COMPONENTS

AUTOMATISM: centralized valve mod. V230T/05 of horizontal type of five cycles with time control of the regeneration phases, built of ABS non-toxic plastic material.

TIMER: electronic mod. SFE with TIME/VOLUME regeneration control, capable of piloting automatically each working and regeneration phase of the water softener.

COUNTER: turbine pulse emitter litre counter integrated in the centralized valve and with cable for the connection to the electronic timer.

RESINS TANK: pressure wessel built in non-toxic plastic material and externally reinforced with fibreglass, complete with upper and lower screen for the drainage of cationic resin load supplied in Na+ sodium cycle able to guarantee the cyclic and maximum flow rate.

SALT TANK: built of rigid polyethylene with high density and complete with separation grid, well, high flow rate brine valve $\varnothing \frac{3}{4}$ " intake pipes of the brine and overflow fitting $\varnothing \frac{1}{2}$ ".

SVS-AC SERIES WATER SOFTENERS DIMENSIONS

MODEL	dimensions mm.				salt tank capacity lt.	pressure wessel size VTR + PE	mod. valve Siata	ø pipes	
	water softener		brine tank					in-out	discharge
	Ø	H	Ø	H					
SVS-AC 100	370	1900	500	1080	190	14" x 65"	V230T/05	1½"	1"
SVS-AC 130	420	1900	500	1080	190	16" x 65"	V230T/05	1½"	1"
SVS-AC 150	490	1950	635	1150	340	18" x 65"	V230T/05	1½"	1"
SVS-AC 200	550	1950	635	1150	340	21" x 62"	V230T/05	1½"	1"
SVS-AC 250	630	2200	742	1150	460	24" x 72"	V230T/05	1½"	1"
SVS-AC 300	630	2200	885	1150	670	24" x 72"	V230T/05	1½"	1"

SVS-AC SERIES WATER SOFTENERS SPECIFICATIONS

MODEL	max. flow rate	resin volume	pressure range	power supply	cyclic capacity	salt for cycle regeneration	water for cycle regeneration
	lt/h	lt.	bar	V. / Hz	m³/F	Kg.	lt.
SVS-AC 100	5500	100	2 ÷ 5	230 / 50	600	18	1200
SVS-AC 130	6000	130	2 ÷ 5	230 / 50	780	23,4	1450
SVS-AC 150	6500	150	2 ÷ 5	230 / 50	900	27	1800
SVS-AC 200	7000	200	2 ÷ 5	230 / 50	1200	36	2400
SVS-AC 250	8500	250	2 ÷ 5	230 / 50	1500	45	3000
SVS-AC 300	9500	300	2 ÷ 5	230 / 50	1800	54	3600



VALGHI004



590-A



FILOT002



CARFIL02



FILOT003



CARFIL03



FIAUT004



CARFIL08



5006



1015

LYNPHA
VIVA GOLD Z-400
 By DEPUR SISTEMI ITALIA

A source of pure water comfortably at your home!

**REVERSE OSMOSIS
 DIRECT FLOW
 Z-400 SERIES**

**LOW COST
 MAINTENANCE**

**ULTRA-FLAT
 EASY ASSEMBLY**

**PURE AND LIGHT
 DRINKING
 AND COOKING WATER**



41



Code	Reverse Osmosis System LYNPHA VIVA GOLD Z-400 series
LYNPHA042	Reverse Osmosis System Z-400EC 70 lt/h standard version
LYNPHA041	Reverse Osmosis System Z-400UV 70 lt/h version with UV sterilizer 6W
LYNPHA045	Reverse Osmosis System Z-400LX 70 lt/h version with Post-filter cartridge in-line Deacidifying length 12" rechargeable
LYNPHA047	Reverse Osmosis System Z-400WG 70 lt/h version with integrated carbonator for dispensing sparkling water at room temperature

Note: the supplied assembly kit does not include the faucet.

Code	Accessories and spare parts
41	Long reach faucet type 1 chromed with plastic inner body and stainless steel spout
41-1	Long reach faucet type 11 chromed 2-way with brass inner body and stainless steel spout
44-14	Faucet from sink mod. NKDP0238 chromed 3-way with mixer, separate outlet and inner body made of plastic
BORIC001	Disposable Co2 cylinder 600 gr. E290 thread M11x1
BORIC005	Co2 cylinder aluminium 640 gr. E290 rechargeable thread M11x1
RIPRE001	Pressure reducer for disposable Co2 cylinder
RIPRE003	Connection kit for transformation of disposable / rechargeable pressure reducer
FILCOM001	Pre-filter cartridge Compact Microfiber PP 5µ length 12" bayonet coupling
FILCOM003	Pre-filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling
14-1	Post-filter cartridge in-line Deacidifying length 12" connections 1/4" F rechargeable
TFC3013-A	Reverse osmosis membrane TFC-3013-A 500GPD
S212T5	Lamp UV 6W (2+2 Pins)

The reverse osmosis systems Z-400 series are direct flow water filters without storage tank, capable to dispense 70 lt/h pure water with a high quality level. Using the selective capacity of special reverse osmosis membranes of the latest generation, they effectively remove excessive mineral salt and various polluting substances, such as sediments, rust, chlorine, nitrates, arsenic, phosphates, chromium, lead, heavy metals, pesticides, etc. from the water.

The reverse osmosis system Z-400 series is specifically designed to be installed both horizontally and vertically, in extremely small spaces of the house as for example in drawers or under the base of modular kitchens, so as to leave free the useful space under the sink. The appliance is equipped with electronic board with microprocessor for automatic control of the operation and thanks to the membrane flushing system, carried out automatically at the end of each dispensing cycle, it enables a high recovery rate (60%), reducing water consumption to a minimum without compromising the functionality of the membrane (average life of 3 / 5 years).

The reverse osmosis system Z-400 series is produced in four versions:

LYNPHA VIVA GOLD Z-400EC version with pre-filter Microfiber PP 5µ, pre-filter Carbon Block 5µ, automatic washing and membrane flushing system, timer for filter replacement and water leak detection alarm with automatic solenoid valve shut-off.

LYNPHA VIVA GOLD Z-400UV version as the model Z-400EC but complete with UV sterilizer 6W.

LYNPHA VIVA GOLD Z-400LX version as the model Z-400EC but complete with Post-filter cartridge in-line Deacidifying length 12" rechargeable.

LYNPHA VIVA GOLD Z-400WG version as the model Z-400EC but complete with integrated carbonator for dispensing sparkling water at room temperature.

MAIN CHARACTERISTICS

- Automatic operation controlled by the electronic board with microprocessor.
- Electronic timer for filter replacement alarm.
- Automatic membrane washing and scheduled flushing system (every 6 hours).
- Water leak detection alarm with automatic water supply lock.
- Pre-filter cartridge Compact of easy replacement integrated in the appliance.
- UV sterilizer 6W with stainless steel frame (version Z-400UV).
- Mixing kit for residual hardness and TDS value control.

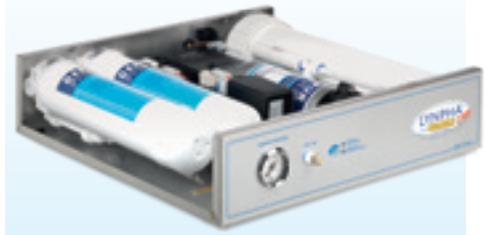
Z-400 SERIES REVERSE OSMOSIS SPECIFICATIONS

Nominal flow rate ⁽¹⁾	70 lt/h	Osmotic membrane	TFC3013-A
Min-Max supply pressure	2 - 5 bar	Membrane capacity	500GPD
Operating pressure	8 bar	Medium NaCl rejection	97%
Flow rate Booster Pump ⁽¹⁾	130 lt/h	Max recovery rate	60%
Min-Max Water temperature	+5 °C / +40 °C	Pre-filter 1 Compact 12"	Microfiber PP 5µ
Max salinity input	1500 ppm TDS	Pre-filter 2 Compact 12"	Carbon Block 5µ
Max total hardness	50 °F	UV sterilizer 6W	Vers. Z-400UV
Power supply	230Vac-50Hz	Post-filter Deacidifying	Vers. Z-400LX
Max absorption	75 Watt	UV lamp duration	8000 hours
Transformer Booster Pump	32Vdc -2A	Shipping Weight	12,5 Kg
Dimensions L x D x H	475x445x105 mm	Assembly and regulation kit TDS	YES
Dimensions vers. EC L x D x H	405x445x100 mm	Faucet	Optional

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3.5 bar, operating pressure 8 bar, temperature 17.5 °C and after 24 operating hours. The flow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and especially on the supply water temperature (+/- 3% per °C temperature).

The stylish, modern and compact design of the reverse osmosis system Z-400 series is enhanced by the frame built of stainless steel AISI 304 and the upper cover of easy removal for the access to the prefilters cartridge Compact subject to scheduled maintenance (6 / 12 months). Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

The reverse osmosis system Z-400 series is a Made in Italy product using only the best materials and the most advanced processing systems and comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, the reverse osmosis system Z-400 series is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.



MOD. Z-400EC

SUBSTANCES REMOVAL TABLE

Sodium	90-95%	Cadmium	93-98%
Calcium	93-98%	Mercury	93-98%
Magnesium	93-98%	Chrome	93-98%
Potassium	90-95%	Lead	93-98%
Ammonia	93-98%	Chloride	90-95%
Nitrite	93-98%	Asbestos	>99%
Nickel	93-98%	Nitrate	85-90%
Hydrocarbon	98-99%	Phosphate	93-98%
Bacteria	>99%	Sulphate	93-98%
Zinc	93-98%	Arsenic	93-98%
Chlorine	100%	Pesticide	96-98%



FILCOM001
FILCOM003



S212T5



TFC3013-A



LYNPHA
VIVA GOLD E-400
 By DEPUR SISTEM ITALIA

The only osmosis system with constant salinity!

**REVERSE OSMOSIS
 DIRECT FLOW
 E-400 SERIES**

**COSTANT SALINITY FLOW
 PATENTED TECHNOLOGY**

**ELEGANT AND
 FUNCTIONAL DESIGN**

**CONTROL PANEL EASY
 AND USER-FRIENDLY**



44-2



Code	Reverse Osmosis System LYNPHA VIVA GOLD E-400 series
LYNPHA032	Reverse Osmosis System E-400EC 70 lt/h standard version
LYNPHA031	Reverse Osmosis System E-400UV 70 lt/h version with UV sterilizer 6W
LYNPHA033	Reverse Osmosis System E-400CSF 70 lt/h patented version with constant salinity
LYNPHA036	Reverse Osmosis System E-400WG 70 lt/h version with integrated carbonator for dispensing sparkling water at room temperature

Note: the supplied assembly kit does not include the faucet.

Code	Accessories and spare parts
44-2	Long reach faucet type 5 chromed with plastic inner body and stainless steel spout
44-13	Faucet from sink mod. NKDP0138 chromed 3-way with mixer, separate outlet and inner body made of plastic
KITPOST01	Installation kit for post-filter cartridge in-line Deacidifying length 12" rechargeable
KITPOST02	Installation kit for post-filter cartridge in-line Carbon Block Silver Antibacterial 5μ length 10"
FILCOM001	Pre-filter cartridge Compact Microfiber PP 5μ length 12" bayonet coupling
FILCOM003	Pre-filter cartridge Compact Carbon Block 5μ length 12" bayonet coupling
14-1	Post-filter cartridge in-line Deacidifying length 12" connections ¼" F rechargeable
25-1	Post-filter cartridge in-line Carbon Block Silver Antibacterial 5μ length 10" quick connections ¼" R
TFC3013-A	Reverse osmosis membrane TFC-3013-A 500GPD
S212T5	Lamp UV 6W (2+2 Pins)



The reverse osmosis systems E-400 series are direct flow water filters without storage tank, capable to dispense 70 lt/h pure water with a high quality level. The appliances is equipped with electronic board with microprocessor for automatic control of the operation and thanks to the membrane flushing system, carried out automatically at the end of each dispensing cycle, it enables a high recovery rate (60%), reducing water consumption to a minimum without compromising the functionality of the membrane (average life of 3 / 5 years).

The reverse osmosis system E-400 series, supplied with electronic board with microprocessor for the automatic control of the system, is produced in four versions: **LYNPHA VIVA GOLD E-400EC** standard version with pre-filter Sediments PP 5µ, pre-filter Carbon Block 5µ, automatic washing and membrane flushing system, timer for filter replacement and water leak detection alarm with automatic solenoid valve shut-off.

LYNPHA VIVA GOLD E-400UV version with UV sterilizer 6W.

LYNPHA VIVA GOLD E-400WG version as the model E-400EC but complete with integrated carbonator for dispensing sparkling water at room temperature.

LYNPHA VIVA GOLD E-400CSF version fitted with the exclusive patented technology "CSF" (Constant Salinity Flow) is capable to dispense pure water with constant salinity level, also immediately on start-up of the osmosis system after a break of operation. In fact it is well known that whenever a reverse osmosis system is restarted, due to the natural phenomenon of osmosis, the organoleptic qualities of the dispensed water by the membrane are altered by the sudden increase in the salinity level. This situation lasts for about 45-60 seconds and to get round this technical problem, common to all systems on the market, the usually solution it is to discharge the first water dispensed by the unit. As from today, the LYNPHA VIVA GOLD E-400CSF solves the problem once and for all and every family can have an inexhaustible source of pure water at home, without compromise or waste of water.

MAIN CHARACTERISTICS

- Automatic operation controlled by the electronic board with microprocessor.
- Electronic timer for filter replacement alarm.
- Automatic membrane washing and scheduled flushing system (every 6 hours).
- Water leak detection alarm with automatic water supply lock.
- Pre-filter cartridge Compact of easy replacement integrated in the appliance.
- UV sterilizer 6W with stainless steel frame (version E-400UV).
- Mixing kit for residual hardness and TDS value control.

E-400 SERIES REVERSE OSMOSIS SPECIFICATIONS

Nominal flow rate ⁽¹⁾	70 lt/h	Osmotic membrane	TFC3013-A
Min-Max supply pressure	2 - 5 bar	Membrane capacity	500GPD
Operating pressure	8 bar	Medium NaCl rejection	97%
Flow rate Booster Pump ⁽¹⁾	130 lt/h	Max recovery rate	60%
Min-Max Water temperature	+5 °C / +40 °C	Pre-filter 1 Compact 12"	Microfiber PP 5µ
Max salinity input	1500 ppm TDS	Pre-filter 2 Compact 12"	Carbon Block 5µ
Max total hardness	50 °F	UV sterilizer 6W	Optional
Power supply	230Vac-50Hz	UV lamp duration	8000 hours
Max absorption	75 Watt	Shipping Weight	14,5 Kg
Transformer Booster Pump	32Vdc -2A	Assembly and regulation kit TDS	YES
Dimensions L x D x H	145x445x385 mm	Faucet	Optional

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3.5 bar, operating pressure 8 bar, temperature 17.5 °C and after 24 operating hours. The flow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and especially on the supply water temperature (+/- 3% per °C temperature).

The stylish, modern and compact design of the reverse osmosis system E-400 series is enhanced by an ABS shockproof plastic housing and by covers easy to remove for the access to the various prefilters cartridge Compact subject to scheduled maintenance (6 / 12 months). Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

The reverse osmosis system E-400 series is a Made in Italy product using only the best materials and the most advanced processing systems and comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, the reverse osmosis system E-400 series is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.

SUBSTANCES REMOVAL TABLE

Sodium	90-95%	Cadmium	93-98%
Calcium	93-98%	Mercury	93-98%
Magnesium	93-98%	Chrome	93-98%
Potassium	90-95%	Lead	93-98%
Ammonia	93-98%	Chloride	90-95%
Nitrite	93-98%	Asbestos	>99%
Nickel	93-98%	Nitrate	85-90%
Hydrocarbon	98-99%	Phosphate	93-98%
Bacteria	>99%	Sulphate	93-98%
Zinc	93-98%	Arsenic	93-98%
Chlorine	100%	Pesticide	96-98%



FILCOM001
FILCOM003

S212T5

TFC3013-A



44-13

LYNPHA
VIVAGOLD C-400
 By DEPUR SISTEMI ITALIA

**Your source
 of pure water!**

**REVERSE OSMOSIS
 DIRECT FLOW
 C-400 SERIES**

**AUTOMATIC
 OPERATION**

**FRAME AND COVER MADE
 OF STAINLESS STEEL**

**HIGH QUALITY
 AFFORDABLE PRICE**



44-6



Code	Reverse Osmosis System LYNPHA VIVA GOLD C-400 series
LYNPHA022	Reverse Osmosis System C-400EC 70 lt/h standard version
LYNPHA021	Reverse Osmosis System C-400UV 70 lt/h version with UV sterilizer 6W
LYNPHA023	Reverse Osmosis System C-400WG 70 lt/h version with integrated carbonator for dispensing sparkling water at room temperature

Note: the supplied assembly kit does not include the faucet.

Code	Accessories and spare parts
44-6	Long reach faucet type 8 chromed with plastic inner body and stainless steel spout
44-14	Faucet from sink mod. NKDP0238 chromed 3-way with mixer, separate outlet and inner body made of plastic
KITPOST01	Installation kit for post-filter cartridge in-line Deacidifying length 12" rechargeable
KITPOST02	Installation kit for post-filter cartridge in-line Carbon Block Silver Antibacterial 5µ length 10"
FILCOM001	Pre-filter cartridge Compact Microfiber PP 5µ length 12" bayonet coupling
FILCOM003	Pre-filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling
14-1	Post-filter cartridge in-line Deacidifying length 12" connections ¼" F rechargeable
25-1	Post-filter cartridge in-line Carbon Block Silver Antibacterial 5µ length 10" quick connections ¼" R
TFC3013-A	Reverse osmosis membrane TFC-3013-A 500GPD
S212T5	Lamp UV 6W (2+2 Pins)



The reverse osmosis systems C-400 series are direct flow water filters without storage tank, capable to dispense 70 lt/h pure water with a high quality level. Using the selective capacity of special reverse osmosis membranes of the latest generation, they effectively remove excessive mineral salt and various polluting substances, such as sediments, rust, chlorine, nitrates, arsenic, phosphates, chromium, lead, heavy metals, pesticides, etc. from the water.

The appliance is equipped with electronic board with microprocessor for automatic control of the operation and thanks to the membrane flushing system, carried out automatically at the end of each dispensing cycle, it enables a high recovery rate (60%), reducing water consumption to a minimum without compromising the functionality of the membrane (average life of 3 / 5 years).

The reverse osmosis system C-400 series is produced in three versions:

LYNPHA VIVA GOLD C-400EC standard version with pre-filter Sediments PP 5µ, pre-filter Carbon Block 5µ, automatic washing and membrane flushing system, timer for filter replacement and water leak detection alarm with automatic solenoid valve shut-off.

LYNPHA VIVA GOLD C-400UV version with UV sterilizer 6W.

LYNPHA VIVA GOLD C-400WG version as the model C-400EC but complete with integrated carbonator for dispensing sparkling water at room temperature.

MAIN CHARACTERISTICS

- Automatic operation controlled by the electronic board with microprocessor.
- Electronic timer for filter replacement alarm.
- Automatic membrane washing and scheduled flushing system (every 6 hours).
- Water leak detection alarm with automatic water supply lock.
- Pre-filter cartridge Compact of easy replacement integrated in the appliance.
- UV sterilizer 6W with stainless steel frame (version C-400UV).
- Mixing kit for residual hardness and TDS value control.

C-400 SERIES REVERSE OSMOSIS SPECIFICATIONS

Nominal flow rate ⁽¹⁾	70 lt/h	Osmotic membrane	TFC3013-A
Min-Max supply pressure	2 - 5 bar	Membrane capacity	500GPD
Operating pressure	8 bar	Medium NaCl rejection	97%
Flow rate Booster Pump ⁽¹⁾	130 lt/h	Max recovery rate	60%
Min-Max Water temperature	+5 °C / +40 °C	Pre-filter 1 Compact 12"	Microfiber PP 5µ
Max salinity input	1500 ppm TDS	Pre-filter 2 Compact 12"	Carbon Block 5µ
Max total hardness	50 °F	Post-filter in-line 10" (Optional)	Carbon Block Silver
Max free chlorine	less than 0,5 ppm	UV sterilizer 6W	Optional
Power supply	230Vac-50Hz	UV lamp duration	8000 hours
Max absorption	75 Watt	Shipping Weight	18 Kg
Transformer Booster Pump	32Vdc -2A	Assembly and regulation kit TDS	YES
Dimensions L x D x H	145x450x395 mm	Faucet	Optional

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3.5 bar, operating pressure 8 bar, temperature 17.5 °C and after 24 operating hours. The flow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and especially on the supply water temperature (+/- 3% per °C temperature).

The stylish, modern and compact design of the reverse osmosis system C-400 series is enhanced by the frame built of stainless steel AISI 304 and the upper cover of easy removal for the access to the various prefilters cartridge Compact subject to scheduled maintenance (6 / 12 months).

Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

The reverse osmosis system C-400 series is a Made in Italy product using only the best materials and the most advanced processing systems and comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, the reverse osmosis system C-400 series is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.

SUBSTANCES REMOVAL TABLE

Sodium	90-95%	Cadmium	93-98%
Calcium	93-98%	Mercury	93-98%
Magnesium	93-98%	Chrome	93-98%
Potassium	90-95%	Lead	93-98%
Ammonia	93-98%	Chloride	90-95%
Nitrite	93-98%	Asbestos	>99%
Nickel	93-98%	Nitrate	85-90%
Hydrocarbon	98-99%	Phosphate	93-98%
Bacteria	>99%	Sulphate	93-98%
Zinc	93-98%	Arsenic	93-98%
Chlorine	100%	Pesticide	96-98%



25-1



FILCOM001
FILCOM003



S212T5



TFC3013-A

Osmosis water for many uses!

**REVERSE OSMOSIS
 DIRECT FLOW
 C-800 SERIES**

**IDEAL FOR
 RESTAURANTS AND
 LABORATORIES**

**HIGH QUALITY
 AFFORDABLE PRICE**

**LOW COST
 MAINTENANCE**



43



Code	Reverse Osmosis System LYNPHA VIVA GOLD C-800 series
LYNPHA025	Reverse Osmosis System C-800SF 150 lt/h version without pre-filtering kit
LYNPHA026	Reverse Osmosis System C-800EC 150 lt/h standard version
LYNPHA027	Reverse Osmosis System C-800UV 150 lt/h version with UV sterilizer 6W

Note: the supplied assembly kit does not include the faucet.

Code	Accessories and spare parts
43	Long reach faucet type 3 chromed with plastic inner body and stainless steel spout
KITPOST03	Installation kit for post-filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling
KITPOST04	Installation kit for post-filter cartridge Compact ACF+HF Activated Carbon Fiber + Hollow Fiber Membrane 0,1µ length 12" bayonet coupling
28	Filter cartridge Microfiber PP 5µ length 10"
31	Filter cartridge Carbon Block 10µ length 10"
FILCOM003	Post-filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling
FILCOM004	Double action filter cartridge Compact ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1µ) length 12" bayonet coupling
TFC3013-A	Reverse osmosis membrane TFC-3013-A 500GPD
S212T5	Lamp UV 6W (2+2 Pins)

The reverse osmosis systems C-800 series are direct flow water filters without storage tank capable to dispense 150 lt/h pure water with a high quality level. Using the selective capacity of special reverse osmosis membranes of the latest generation, they effectively remove excessive mineral salt and various polluting substances, such as sediments, rust, chlorine, nitrates, arsenic, phosphates, chromium, lead, heavy metals, pesticides, etc. from the water. The water dispensed, pure, light with pleasant taste is excellent to drink, cook, make ice, tea, coffee, wash fruits and vegetables. It maintains the right balance of salt needed by the body and can be used with confidence by the whole family.

The appliance is equipped with electronic board with microprocessor for automatic control of the operation and thanks to the membrane flushing system, carried out automatically at the end of each dispensing cycle, it enables a high recovery rate (60%), reducing water consumption to a minimum without compromising the functionality of the membranes (average life of 3 / 5 years).

The reverse osmosis system C-800 series is produced in three versions:

LYNPHA VIVA GOLD C-800SF version without pre-filtering kit and complete of automatic washing and membranes flushing system, timer for filter replacement and water leak detection alarm with automatic solenoid valve shut-off.

LYNPHA VIVA GOLD C-800EC standard version with pre-filter Microfiber PP 5µ, pre-filter Carbon Block 5µ, automatic washing and membranes flushing system, timer for filter replacement and water leak detection alarm with automatic solenoid valve shut-off.

LYNPHA VIVA GOLD C-800UV version as the model C-800EC but complete with UV sterilizer 6W.

MAIN CHARACTERISTICS

- Osmotized water dispensing at direct flow.
- Automatic operation controlled by the electronic board with microprocessor.
- Maximum efficiency of operation and low cost of ordinary maintenance.
- Timer and electronic litre counter for automatic filter replacement alarm.
- Automatic membranes washing and scheduled flushing system (every 6 hours).
- Water leak detection alarm with automatic water supply lock.
- Two-stage pre-filtering kit length 10" installed outside of the appliance.
- Pressurising pump of rotating type with brass palette 300 lt/h.
- UV sterilizer 6W with stainless steel frame (version C-800UV).
- Mixing kit for residual hardness and TDS value control.

C-800 SERIES REVERSE OSMOSIS SPECIFICATIONS

Nominal flow rate ⁽¹⁾	150 lt/h	Osmotic membranes	TFC3013-A
Min-Max supply pressure	2 - 5 bar	Membrane capacity	2 x 500GPD
Operating pressure	10 bar	Medium NaCl rejection	97%
Flow rate Pump ⁽¹⁾	300 lt/h	Max recovery rate	60%
Min-Max Water temperature	+5 °C / +40 °C	Pre-filter 1 length 10"	Microfiber PP 5µ
Max salinity input	1500 ppm TDS	Pre-filter 2 length 10"	Carbon Block 5µ
Max total hardness	50 °F	Post-filter Deacidifying	Optional
Max free chlorine	less than 0,5 ppm	UV sterilizer 6W	Optional
Power supply	230Vac-50Hz	UV lamp duration	8000 hours
Max absorption	310 Watt	Shipping Weight	20 Kg
Dimensions R.O. L x D x H	165x450x410 mm	Assembly and regulation kit TDS	YES
Dimensions Pre-filter kit L x D x H	280x150x360 mm	Faucet	Optional

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3.5 bar, operating pressure 8 bar, temperature 17.5 °C and after 24 operating hours. The flow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and especially on the supply water temperature (+/- 3% per °C temperature).

The stylish, modern and compact design of the reverse osmosis system C-800 series is enhanced by the frame built of stainless steel AISI 304 and the upper cover of easy removal for the access to the inner components of the appliance. Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

The reverse osmosis system C-800 series is a Made in Italy product using only the best materials and the most advanced processing systems and comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, the reverse osmosis system C-800 series is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.



PRE-FILTERING KIT

SUBSTANCES REMOVAL TABLE

Sodium	90-95%	Cadmium	93-98%
Calcium	93-98%	Mercury	93-98%
Magnesium	93-98%	Chrome	93-98%
Potassium	90-95%	Lead	93-98%
Ammonia	93-98%	Chloride	90-95%
Nitrite	93-98%	Asbestos	>99%
Nickel	93-98%	Nitrate	85-90%
Hydrocarbon	98-99%	Phosphate	93-98%
Bacteria	>99%	Sulphate	93-98%
Zinc	93-98%	Arsenic	93-98%
Chlorine	100%	Pesticide	96-98%



28



S212T5



31



FILCOM003
FILCOM004



TFC3013-A

LYNPHA
VIVAGOLD S-800
 By DEPUR SISTEMI ITALIA

The perfect solution
 for Ho.Re.Ca.

REVERSE OSMOSIS
 DIRECT FLOW
 S-800 SERIES

AUTOMATIC
 OPERATION

FRAME AND COVER
 MADE OF
 STAINLESS STEEL

IDEAL FOR BARS,
 RESTAURANTS AND
 LABORATORIES



PRE-FILTERING KIT



Code	Reverse Osmosis System LYNPHA VIVA GOLD S-800 series
LYNPHA017	Reverse Osmosis System S-800SF 150 lt/h version without pre-filtering kit
LYNPHA018	Reverse Osmosis System S-800EC 150 lt/h standard version
LYNPHA019	Reverse Osmosis System S-800UV 150 lt/h version with UV sterilizer 6W

Code	Accessories and spare parts
KITPOST03	Installation kit for post-filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling
KITPOST04	Installation kit for post-filter cartridge Compact ACF+HF Activated Carbon Fiber + Hollow Fiber Membrane 0,1µ length 12" bayonet coupling
28	Filter cartridge Microfiber PP 5µ length 10"
31	Filter cartridge Carbon Block 10µ length 10"
FILCOM003	Post-filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling
FILCOM004	Double action filter cartridge Compact ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1µ) length 12" bayonet coupling
TFC3013-A	Reverse osmosis membrane TFC-3013-A 500GPD
S212T5	Lamp UV 6W (2+2 Pins)

REVERSE OSMOSIS



The reverse osmosis systems S-800 series are direct flow water filters capable to dispense 150 lt/h pure water with a high quality level. Using the selective capacity of special reverse osmosis membranes of the latest generation, they effectively remove excessive mineral salt and various polluting substances, such as sediments, rust, chlorine, nitrates, arsenic, phosphates, chromium, lead, heavy metals, pesticides, etc. from the water.

The reverse osmosis system S-800 series is specifically designed to be installed upstream of the water coolers, ice machines, beverage dispensers, coffee machines, dishwashers etc. The system it is equipped with a small storage tank (about 3 lt) for the instantaneous dispensing of pure water with constant salinity level. To better guarantee the quality, all systems can be equipped with UV sterilizer 6W, post-filter Carbon Block 5µ and post-filter ACF+HF with hollow fiber membrane capable to eliminate unpleasant odours, tastes and particles up to 0,1µ, including bacteria, algae, fungi, cysts and other micro-organisms.

The reverse osmosis system S-800 series is produced in three versions:

LYNPHA VIVA GOLD S-800SF version without pre-filtering kit, complete of automatic washing and membranes flushing system, timer for filter replacement and water leak detection alarm with automatic solenoid valve shut-off.

LYNPHA VIVA GOLD S-800EC standard version with pre-filter Microfiber PP 5µ, pre-filter Carbon Block 5µ, automatic washing and membranes flushing system, timer for filter replacement and water leak detection alarm with automatic solenoid valve shut-off.

LYNPHA VIVA GOLD S-800UV version as the model S-800EC but complete with UV sterilizer 6W.

MAIN CHARACTERISTICS

- Automatic operation controlled by the electronic board with microprocessor.
- Timer and electronic litre counter for automatic filter replacement alarm.
- Automatic membrane washing and scheduled flushing system (every 6 hours).
- Membrane tank for osmosis water storage integrated in the appliance.
- Water leak detection alarm with automatic water supply lock.
- Pre-filtering kit length 10" installed outside of the appliance.
- Pressurising pump of rotating type with brass palette 300 lt/h.
- UV sterilizer 6W with stainless steel frame (version S-800UV).
- Mixing kit for residual hardness and TDS value control.

S-800 SERIES REVERSE OSMOSIS SPECIFICATIONS

Nominal flow rate ⁽¹⁾	150 lt/h	Osmotic membranes	TFC3013-A
Min-Max supply pressure	2 - 5 bar	Membrane capacity	2 x 500GPD
Operating pressure	10 bar	Medium NaCl rejection	97%
Flow rate Pump ⁽¹⁾	300 lt/h	Max recovery rate	60%
Min-Max Water temperature	+5 °C / +40 °C	Pre-filter 1 length 10"	Microfiber PP 5µ
Max salinity input	1500 ppm TDS	Pre-filter 2 length 10"	Carbon Block 5µ
Max total hardness	50 °F	Post-filter Compact CBC 12"	Optional
Max free chlorine	less than 0,5 ppm	Post-filter Compact ACF+HF 12"	Optional
Power supply	230Vac-50Hz	UV sterilizer 6W	Optional
Max absorption	310 Watt	UV lamp duration	8000 hours
Storage tank useful volume	3 lt.	Shipping Weight	22 Kg
Osmosis Dimensions L x D x H	205x420x510 mm	Assembly and regulation kit TDS	YES
Pre-filter kit dimensions L x D x H	280x150x360 mm	Faucet	Optional

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3.5 bar, operating pressure 8 bar, temperature 17.5 °C and after 24 operating hours. The flow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and especially on the supply water temperature (+/- 3% per °C temperature).

The stylish, modern and compact design of the reverse osmosis system S-800 series is enhanced by the frame built of stainless steel AISI 304 and the upper cover of easy removal for the access to the inner components of the appliance. Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

The reverse osmosis system S-800 series is a Made in Italy product using only the best materials and the most advanced processing systems and comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, the reverse osmosis system S-800 series is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.

SUBSTANCES REMOVAL TABLE

Sodium	90-95%	Cadmium	93-98%
Calcium	93-98%	Mercury	93-98%
Magnesium	93-98%	Chrome	93-98%
Potassium	90-95%	Lead	93-98%
Ammonia	93-98%	Chloride	90-95%
Nitrite	93-98%	Asbestos	>99%
Nickel	93-98%	Nitrate	85-90%
Hydrocarbon	98-99%	Phosphate	93-98%
Bacteria	>99%	Sulphate	93-98%
Zinc	93-98%	Arsenic	93-98%
Chlorine	100%	Pesticide	96-98%



28

S212T5

31



FILCOM003
FILCOM004

TFC3013-A

DOMESTIC WATER PURIFIERS COMPACT SERIES

WATER PURIFIER
DECHLORINATOR
150 LT/H

VERSION WITH
UV STERILIZER

HOLLOW FIBER
MEMBRANE 0.1 μ

PURE AND LIGHT
WATER FOR DRINKING
AND COOKING



42



Code	Water Purifier COMPACT series
COMPUV01	Water purifier COMPACT UV 150 lt/h with cartridge Microfiber PP 5 μ , cartridge Carbon Block 5 μ and UV sterilizer 6W
COMPHF01	Water purifier COMPACT HF 120 lt/h with cartridge Microfiber PP 5 μ , cartridge Carbon Block 5 μ and double action cartridge ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1 μ)
COMPUVHF1	Water purifier COMPACT UVHF 120 lt/h with cartridge Microfiber PP 5 μ , cartridge Carbon Block 5 μ , double action cartridge ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1 μ) and UV sterilizer 6W

Note: the supplied assembly kit does not include the faucet.

Code	Accessories and spare parts
42	Long reach faucet type 2 chromed with plastic inner body and stainless steel spout
44-13	Faucet from sink mod. NKDP0138 chromed 3-way with mixer, separate outlet and inner body made of plastic
FILCOM001	Filter cartridge Compact Microfiber PP 5 μ length 12" bayonet coupling
FILCOM003	Filter cartridge Compact Carbon Block 5 μ length 12" bayonet coupling
FILCOM004	Double action filter cartridge Compact ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1 μ) length 12" bayonet coupling
S212T5	Spare part lamp UV 6W
KITALL001	External anti-flooding probe installation kit for Z-400 and Compact

Despite continuous controls and countless chemical and bacteriological analysis made every day on the distribution networks of drinking water, there are increasingly frequently found the presence of unpleasant odours and tastes, as well as different unwanted substances. The chlorine and other chemicals used for disinfection of water supplies, as well as iron oxide developed by the corrosion of metal pipes, often gives the water that flows from our taps an unpleasant taste and appearance and colour not reassuring.

From now on the water purifier COMPACT series resolves all these problems and thanks to the used technology, all families can have their source of pure water at their home. To better ensure the quality, the version COMPACT HF is equipped with filter cartridge Compact ACF+HF Activated Carbon Fiber + Hollow Fiber Membrane able to remove particles up to 0,1µ including bacteria, algae, fungi, cysts and other micro-organisms. The supplied pure water with pleasant taste is excellent to drink, cook, make ice, tea, coffee, wash fruits and vegetables. **It maintains the right balance of salt needed by the body** and can be used with confidence by the whole family.

The water purifier COMPACT series is produced in three versions:

COMPACT-UV version with cartridge Microfiber PP 5µ, cartridge Carbon Block 5µ, UV sterilizer 6W, timer for filter replacement and anti-flooding alarm.

COMPACT-HF version with cartridge Microfiber PP 5µ, cartridge Carbon Block 5µ, double action cartridge ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1µ), timer for filter replacement and anti-flooding alarm.

COMPACT-UVHF version like the model COMPACT-HF but complete with UV sterilizer 6W.



COMPACT-UV



COMPACT-HF



FILCOM001
FILCOM003
FILCOM004



S212T5

MAIN CHARACTERISTICS

- Automatic operation controlled by the electronic board with microprocessor.
- Water leak detection alarm with automatic water supply lock.
- Electronic timer for filters replacement alarm.
- 1st stage filtration with cartridge Microfiber PP 5µ.
- 2nd stage dechlorination with cartridge Carbon Block 5µ.
- 3th stage micro-filtration with Hollow Fiber Membrane 0.1µ (version HF).
- 4th stage UV sterilizer 6W with stainless steel frame (version UV).
- Filters cartridge Compact of easy replacement integrated in the appliance.

COMPACT SERIES WATER PURIFIER SPECIFICATIONS

Nominal flow rate ⁽¹⁾ (vers. UV)	150 lt/h	Filter 1 Compact 12"	Microfiber PP 5µ
Nominal flow rate ⁽¹⁾ (vers. HF)	120 lt/h	Filter 2 Compact 12"	Carbon Block 5µ
Min-Max supply pressure	2 - 5 bar	Filter 3 Compact 12" (vers. HF)	ACF+HF membrane 0,1µ
Min-Max Water temperature	+5 °C / +40 °C	UV sterilizer (vers. UV)	UV1011 6W
Max salinity input	750 ppm TDS	UV lamp duration	8000 hours
Max turbidity	0,8 NTU	Power supply	230Vac - 50Hz
Max iron and/or manganese	less than 0.1 ppm	Max absorption	10 Watt
Max total hardness	35 °F	Shipping Weight	10 Kg.
Max free chlorine	less than 0,5 ppm	Assembly kit	YES
Dimensions L x D x H	405x445x100 mm	Faucet	Optional

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3 bar, temperature 17,5 °C and newly installed cartridge filters.

The stylish, modern and compact design of the water purifier COMPACT series is enhanced by the frame built of stainless steel AISI 304 and the upper cover of easy removal for the access to the prefilters cartridge Compact subject to scheduled maintenance (6 / 12 months). Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

The water purifier COMPACT series is a Made in Italy product using only the best materials and the most advanced processing systems and comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, the COMPACT series water purifier is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.



DOMESTIC WATER PURIFIERS FILTEV SERIES

DECHLORINATOR
FILTER WITH
CARTRIDGE EVERPURE

PRE-COAT FILTER
PLEATED MEMBRANE
0.5 MICRON

ELIMINATES
UNPLEASANT ODORS
AND TASTES

UV STERILIZER
INTEGRATED



43

Code	Water Purifiers FILTEV series
FILTEV001	Kit dechlorinator water purifier FILTEV 4C complete with pipe, ball valve Ø 3/8" and fittings for the installation
FILTEV006	Kit dechlorinator water purifier FILTEV AC complete with pipe, ball valve Ø 3/8" and fittings for the installation
FILTEV004	Kit dechlorinator water purifier FILTEV PP+AC complete with UV sterilizer 6W, liter counter with water block, pipe, ball valve Ø 3/8" and fittings for the installation

Note: the supplied assembly kit does not include the faucet.

Code	Accessories and spare parts
43	Long reach faucet type 3 chromed with plastic inner body and stainless steel spout
44-14	Faucet from sink mod. NKDP0238 chromed 3-way with mixer, separate outlet and inner body made of plastic
FILTEV002	Filter cartridge Everpure 4C bayonet coupling
FILTEV005	Filter cartridge Everpure AC bayonet coupling
FILTEV003	Head Everpure QL2 connections 3/8" F
28	Filter cartridge Microfiber PP 5µ length 10"
CONLI001	Mechanical liter counter with automatic water block connections 1/4" M
S212T5	Lamp UV 6W (2+2 Pins)

Despite continuous controls and countless chemical and bacteriological analysis made every day on the distribution networks of drinking water, there are increasingly frequently found the presence of unpleasant odours and tastes, as well as different unwanted substances. The chlorine and other chemicals used for disinfection of water supplies, as well as iron oxide developed by the corrosion of metal pipes, often gives the water that flows from our taps an unpleasant taste and appearance and colour not reassuring.

From now on the water purifier FILTEV resolves all these problems and thanks to the used technology, all families can have their source of pure water at their home and investing a number that will be considerably lower than that expense to date for the purchase of mineral water in bottles.

FILTEV is water purifier capable to remove the various unwanted substances from the water, maintain the content of mineral salts and guarantee the elimination of sand, sediments, chlorine, unpleasant taste and odour possibly present in the water; it is also equipped with an efficient UV sterilizing system which guarantees a complete and continuous sterilization of the water supplied.

The pure water produced by FILTEV with pleasant taste maintains the mineral salts necessary for the body and is excellent to drink, cook, make ice, tea, coffee, wash fruits and vegetables. FILTEV permanently resolves the problem of purchasing mineral water in bottles, thus eliminating the cost and inconvenience of supply. The system is capable of supplying about 150 lt/h of pure water for the whole family, perfect to drink and ideal for cooking.

MAIN CHARACTERISTICS

- Continuous supply of purified water for drinking and cooking.
- Low cost of ordinary maintenance.
- Removes in 3 steps sand, soil, sediments, chlorine, bacteria and viruses.
- 1st stage filtration with cartridge Microfiber PP 5µ.
- 2nd stage dechlorination with cartridge Everpure 0.5µ.
- 3rd stage UV sterilizer 6W with stainless steel frame.
- Integrated litre counter with automatic supply lock.
- Assembly kit complete with pipe and fittings for easy installation.

FILTEV004 WATER PURIFIER SPECIFICATIONS

Nominal flow rate ⁽¹⁾	150 lt/h	Pre-filter 1 length. 10"	Microfiber PP 5µ
Min-Max supply pressure	2 - 5 bar	Pre-filter 2 Everpure 4C	Activated Carbon 0,5µ
Min-Max Water temperature	+5 °C / +40 °C	UV sterilizer	UV1011 6W
Max salinity input	750 ppm TDS	UV lamp duration	8000 hours
Max total hardness	35 °F	Shipping Weight	5 Kg.
Max free chlorine	less than 0,5 ppm	Dimensions L x D x H	27 x 15 x 45
Power supply	230Vac - 50Hz	Assembly kit	YES
Max absorption	8 Watt	Faucet	Optional

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3 bar, temperature 17,5 °C and newly installed cartridge filters.

FILTEV is made using only the best materials and the most advanced processing systems and it comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004 all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, FILTEV is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.

Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.



FILTEV002

FILTEV001



FILTEV005

FILTEV006



CONLI001

FILTEV003



28

S212T5

Thousands of fresh and blue bubbles!

15 LT/H COLD AND SPARKLING WATER

BEST SOLUTION FOR YOUR HOME AND THE OFFICE

THE ALTERNATIVE TO WATER IN BOTTLES

QUALITY AND SAVING IN CARAFE CAPACITY



KITFIL006

Code	Water Coolers LYNPHA FRESH 15 series countertop
LYNFRE008	Water cooler Lynpha Fresh 15 A countertop version, cold and still
LYNFRE006	Water cooler Lynpha Fresh 15 WG countertop version, cold, sparkling and still

Code	Water Coolers LYNPHA FRESH 15 IN series undercounter
LYNFRE009	Water cooler Lynpha Fresh 15 IN-A undercounter version, cold and still
LYNFRE007	Water cooler Lynpha Fresh 15 IN-WG undercounter version, cold, sparkling and still

Code	Accessories and spare parts
41-1	Faucet Long Reach with double fitting type 11
KITRU003	3-way faucet 3750 chromed with mixer
KITRU007	5-way kitchen sink mixer mod. 5200B chromed
KITRU009	3-way faucet on column Xenia chromed with buttons
BORIC001	Disposable Co2 cylinder 600 gr. E290 thread M11x1 ST
BORIC005	Co2 cylinder aluminium 640 gr. E290 rechargeable thread M11x1 ST
BORIC002	Co2 cylinder steel 2 Kg. E290 rechargeable
RIPRE001	Pressure reducer for disposable Co2 cylinder
RIPRE003	Connection kit for transformation of disposable / rechargeable pressure reducer
KITFIL005	Kit dechlorinator water purifier MINI COMPACT CBC complete with cartridge Microfiber PP 5µ, cartridge Carbon Block 5µ and installation kit. Max flow rate 230 lt/h.
KITFIL006	Kit dechlorinator water purifier MINI COMPACT PP+HF complete with cartridge Microfiber PP 5µ, cartridge ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1µ) and installation kit. Max flow rate 120 lt/h
KITFIL007	Kit dechlorinator water purifier MINI COMPACT ACF+HF complete with cartridge Activated Carbon Fiber + Hollow Fiber Membrane 0,1µ and installation kit. Max flow rate 120 lt/h
FILCOM001	Filter cartridge Compact Microfiber PP 5µ length 12" bayonet coupling
FILCOM003	Filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling
FILCOM004	Double action filter cartridge Compact ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1µ) length 12" bayonet coupling

LYNPHA FRESH 15 reduces the management cost of the water bottles, eliminating the need to go to the supermarket and the transport of heavy packs to home. In fact, an average family of two to three people, in a year:

- consumes between 1000 and 1600 litres of water for drinking;
- buys between 600 and 1000 bottles of water of 1.5 litres;
- spends between € 300 and € 450 for the purchase of bottled water;
- dedicating time and physical energy for refilling the stock;
- consumes energy and space to store and cool water;
- contributes to direct and indirect pollution arising from plastic.

LYNPHA FRESH 15 is the smart alternative to bottled water that provides large amounts of **smooth, cold and sparkling water**, directly at your home. Specifically designed for easier, efficient and economical management of drinking water in the home and offices. The compact size and captivating appearance makes it suitable for any environment. LYNPHA FRESH 15 combines efficiency and style. Designed with the aim of fitting perfectly in every type of kitchen and even in small spaces it is available in two models: **counter top and under counter**. The performances satisfy even the most demanding customer: unlimited quantities of smooth and purified water and 15 lt/h of cold and sparkling water (3 litre continuous). LYNPHA FRESH 15 takes 30 seconds to supply one litre of water! The user-friendly control panel makes LYNPHA FRESH 15 easy and simple to use. The machine has a key for each type of water and warning lights.

LYNPHA FRESH 15 can be supplied complete with **dechlorinate filter purifier** capable to remove chlorine, odours, bad tastes, sediments and rust. Guarantees 3000 litres of pure water and needs to be changed about every 6-12 months. The disposable cylinder of 0.6 Kg can deliver up to 120 litres of sparkling water. The water purifier and the CO2 cylinder are placed inside the sink of the kitchen and the cartridge prefilters Compact 12" can be easily replaced even from non expert users. Warning: this appliance requires regular and periodic maintenance in order to ensure that the water treated meets drinking water standards and that the improvements as stated by the manufacturer are preserved.

The characteristics of the water cooler perfectly adapt to the need of each user. Using the thermostat placed in the rear part of the machine it is possible to adjust the water temperature, and thanks to the pressure reducer placed over the CO2 cylinder, it is also possible to adjust the **sparkling level** of the water depending on the preferences of the client.

LYNPHA FRESH 15 IN UNDERCOUNTER

The same performances and all advantages of LYNPHA FRESH 15 also in the **version IN** (under counter) that fits easily inside the bar counters or in any domestic kitchen. LYNPHA FRESH 15 IN it is noticed only the particular faucet installed above the kitchen sink.



41-1

KITRU003

KITRU007

KITRU009

LYNPHA FRESH 15 SERIES WATER COOLER SPECIFICATIONS

MODEL	max. flow rate	continuous litres	water temperature	power supply	absorption max	dimensions. L x D x H	weight
	lt/h	lt.	C °	V. / Hz	Watt	mm.	kg.
15 A	15	3	3 ÷ 10	230 / 50	190	260x330x407	14
15 WG	15	3	3 ÷ 10	230 / 50	260	260x330x407	18
15 IN A	15	3	3 ÷ 10	230 / 50	155	260x235x407	14
15 IN WG	15	3	3 ÷ 10	230 / 50	210	260x300x407	18



LYNPHA FRESH 15 IN



RIPRE001

BORIC001

BORIC002



KITFIL007

FILCOM001
FILCOM003
FILCOM004

LYNPHA[®]
FRESH **OSMO**
 By DEPUR SISTEM ITALIA

Still, cold and sparkling
 osmosis water!

WATER COOLERS

WATER COOLER
 WITH INTEGRATED
 REVERSE OSMOSIS

COSTANT SALINITY FLOW
 PATENTED TECHNOLOGY

HIGH QUALITY
 COMPETITIVE PRICE

COMPACT SIZE AND
 CONVENIENT SYSTEM



LYNPHA FRESH OSMO 15 IN

Code	Water Coolers LYNPHA FRESH OSMO 15 series countertop
LYNFRE032	Water cooler Lynpha Fresh Osmo 15 EC countertop version, cold and still
LYNFRE033	Water cooler Lynpha Fresh Osmo 15 WG countertop version, cold, sparkling and still
LYNFRE030	Water cooler Lynpha Fresh Osmo 15 CSF countertop version, cold and still
LYNFRE031	Water cooler Lynpha Fresh Osmo 15 CSF-WG countertop version, cold, sparkling and still

Code	Water Coolers LYNPHA FRESH OSMO 15 IN series undercounter
LYNFRE010	Water cooler Lynpha Fresh Osmo 15 IN EC undercounter version, cold and still
LYNFRE011	Water cooler Lynpha Fresh Osmo 15 IN WG undercounter version, cold, sparkling and still
LYNFRE012	Water cooler Lynpha Fresh Osmo 15 IN CSF undercounter version, cold and still
LYNFRE013	Water cooler Lynpha Fresh Osmo 15 IN CSF-WG undercounter version, cold, sparkling and still

Code	Accessories and spare parts
KITRU003	3-way faucet 3750 chromed with mixer
KITRU007	5-way kitchen sink mixer mod. 5200B chromed
BORIC001	Disposable Co2 cylinder 600 gr. E290 thread M11x1 ST
BORIC005	Co2 cylinder aluminium 640 gr. E290 rechargeable thread M11x1 ST
BORIC002	Co2 cylinder steel 2 Kg. E290 rechargeable
RIPRE001	Pressure reducer for disposable Co2 cylinder
RIPRE003	Connection kit for transformation of disposable / rechargeable pressure reducer
FILCOM001	Pre-filter cartridge Compact Microfiber PP 5µ length 12" bayonet coupling
FILCOM003	Pre-filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling
KITPOST01	Installation kit for post-filter cartridge in-line Deacidifying length 12" rechargeable
KITUV6W	UV sterilizer 6W installation kit for Lynpha Fresh Osmo complete
TFC3013-A	Reverse osmosis membrane TFC-3013-A 500GPD
S212T5	Lamp UV 6W (2+2 Pins)

The water coolers LYNPHA FRESH OSMO 15 series complete with integrated reverse osmosis system, are direct flow water filters without storage tank capable to dispense 70 lt/h pure water with a high quality level. Using the selective capacity of special reverse osmosis membranes of the latest generation, they effectively remove excessive mineral salt and various polluting substances.

Thanks to the exclusive patented technology "CSF" (Constant Salinity Flow), LYNPHA FRESH OSMO 15 is capable to dispense pure water with constant salinity level, also immediately on start-up of the reverse osmosis system after a break of operation. In fact it is well known that whenever a reverse osmosis system is restarted, due to the natural phenomenon of osmosis, the organoleptic qualities of the dispensed water by the membrane are altered by the sudden increase in the salinity level. This situation lasts for about 45-60 seconds and to get round this technical problem, common to all systems on the market, the usually solution it is to discharge the first water dispensed by the unit. As from today, the LYNPHA FRESH OSMO 15 solves the problem once and for all and every family can have an inexhaustible source of pure water at home, without compromise or waste of water.

The performances satisfy even the most demanding customer: 70 lt/h of still water and 15 lt/h of cold and sparkling water (1 liter continuous). LYNPHA FRESH OSMO 15 takes only 35 seconds to supply one liter of sparkling water! The user-friendly control panel makes LYNPHA FRESH OSMO 15 easy and simple to use. The water cooler is equipped with an output for each type of water and warning lights.

The water cooler LYNPHA FRESH OSMO 15 series, available in the TOP models (countertop) and IN models (undercounter) for installation under the sink, is produced in four versions:

LYNPHA FRESH OSMO 15 EC basis version for the dispensing of still and cold water.

LYNPHA FRESH OSMO 15 CSF patented version for the dispensing of still and cold water with constant salinity level.

LYNPHA FRESH OSMO 15 WG basis version for the dispensing of still, sparkling and cold water.

LYNPHA FRESH OSMO 15 CSF-WG patented version for the dispensing of still, sparkling and cold water with constant salinity level.

MAIN CHARACTERISTICS

- Automatic operation controlled by the electronic board with microprocessor.
- Electronic timer for filter replacement alarm.
- Automatic membrane washing and scheduled flushing system (every 6 hours).
- Water leak detection alarm with automatic water supply lock.
- Pre-filter cartridge Compact of easy replacement outside of the appliance.
- UV sterilizer 6W with stainless steel frame (optional).
- Mixing kit for residual hardness and TDS value control.

LYNPHA FRESH OSMO 15 SERIES WATER COOLER SPECIFICATIONS

Nominal flow rate ⁽¹⁾	70 lt/h	Osmotic membrane	TFC3013-A
Min-Max supply pressure	2 - 5 bar	Membrane capacity	500GPD
Operating pressure	8 bar	Medium NaCl rejection	97%
Flow rate Booster Pump ⁽¹⁾	130 lt/h	Max recovery rate	60%
Min-Max Water temperature	+5 °C / +40 °C	Pre-filter 1 Compact 12"	Microfiber PP 5µ
Max salinity input	1500 ppm TDS	Pre-filter 2 Compact 12"	Carbon Block 5µ
Max total hardness	50 °F	Post-filter in-line deacidifying system	Optional
Power supply	230Vac-50Hz	UV sterilizer 6W	Optional
Max absorption	285 Watt	UV lamp duration	8000 hours
Transformer Booster Pump	32Vdc - 2A	Shipping Weight	34 Kg
Dimensions mod. TOP (L x D x H)	260x450x410 mm	Assembly and regulation kit TDS	YES
Dimensions mod. IN (L x D x H)	260x420x410 mm	Faucet	Optional

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3.5 bar, operating pressure 8 bar, temperature 17,5 °C and after 24 operating hours. The flow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and especially on the supply water temperature (+/- 3% per °C temperature).

The water cooler LYNPHA FRESH OSMO 15 series is a Made in Italy product using only the best materials and the most advanced processing systems and comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, the water cooler LYNPHA FRESH OSMO 15 series complete with integrated reverse osmosis system is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.



KITFIL005

FILCOM001
FILCOM003

SUBSTANCES REMOVAL TABLE

Sodium	90-95%	Cadmium	93-98%
Calcium	93-98%	Mercury	93-98%
Magnesium	93-98%	Chrome	93-98%
Potassium	90-95%	Lead	93-98%
Ammonia	93-98%	Chloride	90-95%
Nitrite	93-98%	Asbestos	>99%
Nickel	93-98%	Nitrate	85-90%
Hydrocarbon	98-99%	Phosphate	93-98%
Bacteria	>99%	Sulphate	93-98%
Zinc	93-98%	Arsenic	93-98%
Chlorine	100%	Pesticide	96-98%



RIPRE001

BORIC001

BORIC005



KITRU003

KITRU007

WATER STERILIZERS WITH UV RAYS

UVC-LIGHTING SERIES

GERMICIDAL ACTION WITHOUT CHEMICAL ADDITIVES

ECOLOGIC SYSTEM TASTE AND ODOR-FREE

SMALL SIZE AND EASY TO INSTALL

MAINTENANCE EASY AND ECONOMIC



UV601



UV1201S



UV2401



UV1011



UV201

Code	UV Sterilizers UVC-LIGHTING series
UV1011	UV sterilizer UV1011 6W max flow rate 150 lt/h
UV1011C	UV sterilizer UV1011C 6W compact version max flow rate 150 lt/h
UV201	UV sterilizer UV201 14W max flow rate 550 lt/h
UV601	UV sterilizer UV601 32W max flow rate 1100 lt/h
UV1201S	UV sterilizer UV1201S 39W max flow rate 2500 lt/h
UV2401	UV sterilizer UV2401 2x39W max flow rate 4500 lt/h

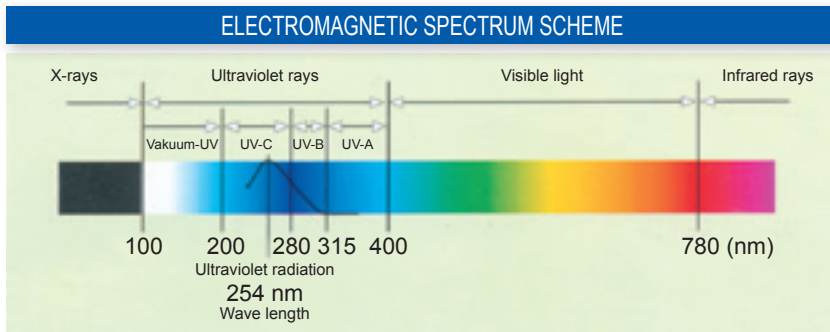
Code	Accessories and spare parts
S212T5	Lamp UV 6W (2+2 Pins)
D212T5	Lamp UV 10W (4 Pins)
D287T5	Lamp UV 14W
D645T5	Lamp UV 32W
D842T5	Lamp UV 39W
SQ230242S	Quartz for lamp UV 6W
SQ230330	Quartz for lamp UV 14W
SQ230670	Quartz for lamp UV 32W
SQ230895	Quartz for lamp UV 39W
BT06	Electronic ballast for UV 6W
BT14	Electronic ballast for UV 14W
TSS-239UV	Electronic ballast for UV 30W / 39W

The disinfection of the water through the UV light represents a consolidated technology, technically reliable and successfully used for several years in drinking water treatment and other areas of industry and services. It is a natural physical process capable of destroying in a very short instants, the pathogenic micro-organisms and eliminates 99% of bacteria, moulds, yeasts, protozoa and viruses possibly present in the water. The use of UV light as an alternative to the traditional disinfection systems with chlorine compounds offers the following advantages:

- Effective disinfectant action without chemical additives.
- No change of smell, taste and clarity of the water.
- No formation of residual substances or by-products harmful to health.
- Continuously availability of disinfected water without the need for storage.
- Minimum dimensions and ease of installation.
- Low operating costs and minimum maintenance.

The ultraviolet light is an energy zone of the electromagnetic spectrum named UV and positioned between visible light and x-rays.

The UV range is divided into 4 areas: Vacuum-UV, UV-C, UV-B and UV-A. The UV-A (315-400 nm) are normally used as a tanning light, while the UV-B (280-315 nm) and UV-C (200-280 nm) rays are the areas that contain the most effective wavelengths for the sterilization action: it is scientifically proven that the shorter the wavelength measured in nanometre (nm), the more energy is produced. The most effective wavelengths in the germicidal action are below 300 nm.



The UV lamps used in our systems are of the mercury vapour type at low pressure, capable to produce a constant wavelength at 254nm (invisible to the human eye) very close to that of 260-265 nm which is considered the most effective one for the sterilization action. These lamps ensure an irradiation of more than 30,000 mWs/cm², optimal values for the destruction of the organic nucleus of micro-organisms. They are built with a very pure quartz (99% SiO₂) which is not sheathing the UV and are positioned inside a quartz tube likewise pure and transparent of high conductivity able to maintain a constant level of irradiation and an excellent sterilization capability. Thanks to this special irradiation, the light penetrates through the plasma membrane of the cell and is absorbed from the nucleic acid (DNA), causing a manipulation of its genetic information and therefore interfering with the reproductive capacity of the cell: a cell that cannot reproduce is considered dead since it can no longer multiply.

UV STERILIZERS SPECIFICATIONS

MODEL	Max flow rate lt/h	Number and Power Lamp -	Dimension		Fittings Ø	Max pressure Supply bar	Max absorption Watt	Duration Lamp h.
			Length mm.	Ø mm.				
UV1011	150	1 x 6W	260	50,5	1/4" F	6	6	8000
UV201	550	1 x 14W	340	64	1/4" F	6	14	8000
UV601	1100	1 x 32W	680	64	1/2" F	6	32	8000
UV1201S	2500	1 x 39W	900	64	3/4" M	6	39	8000
UV2401	4500	2 x 39W	900	100	1" M	6	78	8000

Water sterilizers UVC-LIGHTING series are built entirely of stainless steel externally polished and supplied complete with ballast ignition supplied at 230V-50HZ with audible and visual indicator (LED) for reporting malfunction of the lamp. All models are supplied complete with user and maintenance manual and are in conformity with the EC directive.



BT06 / BT14



TSS-239UV

DOSING SYSTEMS AND CHEMICAL PRODUCTS

DOSING STATIONS

Code	Dosing stations
STADOS03	Dosing station lt. 115 with dosing pump mod. ATHENAAT-AM 08-05. Proportional dosing with external digital signal, pressure 8 bar, flow rate 5 lt/h complete with support basis, float and level sensor. Dimensions: Ø 500 x H 960 mm. - Ø cover 255 mm
STADOS04	Dosing station lt. 115 with dosing pump mod. ATHENAAT-BL 08-05. Constant dosing with flow rate control, pressure 8 bar, flow rate 5 lt/h complete with support basis, float and level sensor. Dimensions: Ø 500 x H 960 mm. - Ø cover 255 mm
STADOS07	Dosing station lt. 115 with dosing pump mod. HC 150 PI 08-05. Constant and proportional dosing with external digital signal, pressure 8 bar, flow rate 5 lt/h complete with support basis, float and level sensor. Dimensions: Ø 500 x H 960 mm. - Ø cover 255 mm



STADOS03

DOSING PUMPS

Code	Dosing pumps
POMDOS003	Dosing pump mod. ATHENA AT-AM 08-05 proportional dosing with external digital signal, pressure 8 bar, flow rate 5 lt/h, complete with float and assembly kit.
POMDOS004	Dosing pump mod. ATHENA AT-BL 08-05, constant dosing with control of flow rate, pressure 8 bar, flow rate 5 lt/h, complete with float and assembly kit.
POMDOS007	Dosing pump mod. HC 150 PI, constant and proportional dosing with external digital signal, pressure 8 bar, flow rate 5 lt/h, complete with float and assembly kit.



POMDOS004



POMDOS003



POMDOS007

ACCESSORIES AND SPARE PARTS FOR DOSING PUMPS

Code	Accessories and spare parts for dosing pumps
BASPD002	Fixing bracket made of plastic for dosing pumps "ATHENA" series.
BASPD003	Fixing bracket made of plastic for dosing pumps "HC 150" series.
LIVPD002	Level sensor complete for dosing pumps "ATHENA" series
LIVPD003	Level sensor complete for dosing pumps "HC 150" series



BASPD002



BASPD003



LIVPD002/03

POLYETHYLENE STORAGE TANKS

Code	Storage tanks made of polyethylene
SERBPE001	Polyethylene storage tank lt. 30 for dosing station Dimensions Ø 400 x H 300 mm
SERBPE002	Polyethylene storage tank lt. 50 for dosing station Dimensions Ø 400 x H 525 mm
SERBPE003	Polyethylene storage tank lt. 115 for dosing station Dimensions Ø 500 x H 670 mm
SERBPE004	Polyethylene storage tank lt. 200 for dosing station Dimensions Ø 620 x H 800 mm
SERBPE005	Polyethylene storage tank lt. 300 for dosing station Dimensions Ø 710 x H 900 mm
SERBPE006	Polyethylene storage tank lt. 500 for dosing station Dimensions Ø 870 x H 990 mm
SERBPE007	Polyethylene storage tank lt. 1000 for dosing station Dimensions Ø 1.100 x H 1.200 mm



PULSE EMITTER WATER METERS

Code	Pulse emitter water meters
COLAN001	Turbine pulse emitter water meter for cold water fittings ½" M
COLAN002	Turbine pulse emitter water meter for cold water fittings ¾" M
COLAN003	Turbine pulse emitter water meter for cold water fittings 1" M
COLAN004	Turbine pulse emitter water meter for cold water fittings 1¼" M
COLAN005	Turbine pulse emitter water meter for cold water fittings 1½" M
COLAN006	Turbine pulse emitter water meter for cold water fittings 2" M
COLAN007	Woltmann pulse emitter water meter with removable drum with flange 2½"
COLAN008	Woltmann pulse emitter water meter with removable drum with flange 3"



CHEMICAL PRODUCTS FOR WATER TREATMENT

Code	Chemical products for water treatment
CONF001	Control FE-100 chemical antiscalant product and sequestering salts of iron manganese and total hardness 25 kg.
CONRO001	Control RO-100 chemical antiscalant product with high efficiency specific for reverse osmosis membrane 25 kg.
CONRO002	Control RO-200 chemical antiscalant product specific for reverse osmosis membrane 25 Kg.
IPOCLO001	Sodium hydrochloride 14-15% active Cl 5 kg.
IPOCLO002	Sodium hydrochloride 14-15% active Cl 12 kg.
BIOCID001	Saniter 404 chemical biocide product 25 Kg.
BIOCID002	Saniter 404 chemical biocide product 1 Kg.
CONCA001	Control CA-100 chemical antiscalant and anti-corrosive product specific for drinking water 25 Kg.
POLFLO001	Polifloc 105 chemical flocculent product specific for drinking water 25 Kg.



TEST KIT

Code	Test kit
62	Portable TDS digital test kit 10-1990 ppm
62-2	Portable TDS digital test kit 0-1999 ppm with automatic temperature compensation
62-3	Portable digital test kit of pH, EC, TDS and temperature 3999 µS/cm
1006	Ammonia test kit col. 0.25-4 ppm
1009	Calcium test kit Tit. 1 °F
1010	Chlorine test kit total 0.1-1.5 ppm
1012	Chloride test kit Tit. 1 °F
1015	Total Hardness test kit Tit. 1 °F
5006	Economic Total Hardness test kit blister monoreagent 350 °F tests
1016	Iron test kit col. 0.05-15 ppm
1039	Manganese test kit col. 0.05-1.5 ppm
1028	Nitrates test kit col. 10-140 ppm
1019	Nitrite test kit col. 0.05-1.5 ppm
1022	pH test kit col. universal
1024	Silica test kit col. 0.25-8 ppm



62



5006



1015

FILTER HOUSINGS

FILTER HOUSINGS BIG

Code	Filter housings BIG
SW-100	Filter housing BIG Ø 1" length 20" black head and blue bowl
SW-111	Filter housing BIG Ø 1" length 10" black head and blue bowl



SW-111



SW-100

FILTER HOUSINGS 3 PIECES

Code	Filter housings 3 pieces
FILCA001	Filter housing 3P brass inserts Ø ¾" length 10" blue head and clear bowl
FILCA002	Filter housing 3P brass inserts Ø 1" length 10" blue head and clear bowl
FILCA003	Filter housing 3P brass inserts Ø 1" length 20" blue head and clear bowl
FILCA004	Filter housing FP3 brass inserts Ø ¾" length 9¾" blue head and clear bowl
FILCA005	Filter housing FP3 brass inserts Ø ¾" length 20" blue head and clear bowl
FILCA006	Filter housing FP3 brass inserts Ø 1" length 9¾" blue head and clear bowl



FILCA002



FILCA004



FILCA005

FILTER HOUSINGS SLIM 20"

Code	Filter housings Slim 20"
1	Filter housing Slim Ø ¾" length 20" white head and blue bowl
1-1	Filter housing Slim Ø ¾" length 20" black head and clear bowl



1



1-1

FILTER HOUSINGS WHITE 5"

Code	Filter housings White 5"
8	Filter housing White Ø ¼" length 5" white head and white bowl
9-1	Filter housing White Ø ¼" length 5" white head and clear bowl



8



9-1

FILTER HOUSINGS WHITE 10"

Code	Filter housings White 10"
3	Filter housing White Ø 1/4" length 10" white head and clear bowl
6	Filter housing White Ø 1/4" length 10" white head and white bowl



3



6

BRASS HEAD FILTER HOUSINGS

Code	Brass head filter housings
FILOT001	Filter housing OTS Ø 1" length 10" brass head and clear bowl
FILOT002	Filter housing OTS Ø 1 1/2" length 10" brass head and clear bowl
FILOT003	Filter housing OTS Ø 2" length 20" brass head and clear bowl
FILOT004	Filter housing OTS Ø 1 1/4" length 10" brass head and clear bowl
FILOT008	Filter housing OTS Ø 2" length 10" brass head and clear bowl



FILOT001



FILOT002



FILOT003

SELF-CLEANING FILTERS

SELF-CLEANING FILTERS MAXI

Code	Self cleaning filters MAXI
FIAUT003	Self cleaning filter MAXI Ø 1/4" M with stainless steel mesh cartridge 100µ length 10" brass head and clear bowl
FIAUT004	Self cleaning filter MAXI Ø 1/2" F with stainless steel mesh cartridge 100µ length 10" brass head and clear bowl
FIAUT005	Self cleaning filter MAXI Ø 2" F stainless steel mesh cartridge 100µ length 10" brass head and clear bowl



FIAUT004 / 005



FIAUT003

SELF-CLEANING FILTERS AP-PRO

Code	Self cleaning filters AP-PRO
FIAUT011	Self cleaning filter AP-PRO Ø 3/4" PN10 nylon mesh cartridge 89µ max flow rate 3,5 m³/h
FIAUT010	Self cleaning filter AP-PRO Ø 1" PN10 nylon mesh cartridge 89µ max flow rate 4 m³/h
FIAUT012	Self cleaning filter AP-PRO Ø 1 1/4" PN10 nylon mesh cartridge 89µ max flow rate 5 m³/h
FIAUT013	Self cleaning filter AP-PRO Ø 1 1/2" PN10 nylon mesh cartridge 89µ max flow rate 6 m³/h



FIAUT011

FILTERS CARTRIDGE IN-LINE

FILTERS CARTRIDGE IN-LINE 2"x10" - 1/4" F

Code	Filters cartridge In-Line 2"x10" - 1/4" f
22	Filter cartridge In-Line Microfiber PP 5µ 2"x10" threaded fittings 1/4" F Max flow rate 170 lt/h*
24	Filter cartridge In-Line Carbon active GAC 2"x10" threaded fittings 1/4" F Max flow rate 150 lt/h*
25	Filter cartridge In-line Carbon Block Silver antibacterial 5µ 2"x10" threaded fitting 1/4" F Max flow rate 170 lt/h*

FILTERS CARTRIDGE IN-LINE 2.5"x12" - 1/4" F

Code	Filters cartridge In-Line 2.5"x12" - 1/4" f
16	Filter cartridge In-Line Microfiber PP 5µ 2.5"x12" threaded fittings 1/4" F Max flow rate 350 lt/h*
17	Filter cartridge In-Line Carbon active GAC 2.5"x12" threaded fittings 1/4" F Max flow rate 300 lt/h*
18	Filter cartridge In-Line Carbon Block 5µ 2.5"x12" threaded fittings 1/4" F Max flow rate 300 lt/h*
KITFIL001	Kit 3 pre-filters cartridge in-line PP+GAC+PP 5µ 2.5"x12" with fittings 3/8" tube Max flow rate 300 lt/h*

FILTERS CARTRIDGE IN-LINE 2"x10" - 1/4" tube

Code	Filters cartridge In-Line 2"x10" - 1/4" tube
22-1	Filter cartridge In-Line Microfiber PP 5µ 2"x10" quick fittings 1/4" tube Max flow rate 230 lt/h*
24-1	Filter cartridge In-Line Carbon active GAC 2"x10" quick fittings 1/4" tube Max flow rate 170 lt/h*
25-1	Filter cartridge in-line Carbon Block Silver Antibacterial 5µ length 10" quick fittings 1/4" tube Max flow rate 230 lt/h*

FILTERS CARTRIDGE IN-LINE 2,5"x12" - 1/4" tube

Code	Filters cartridge In-Line 2,5"x12" 1/4" tube
16-1	Filter cartridge In-Line Microfiber PP 5µ 2,5"x12" quick fittings 1/4" tube Max flow rate 230 lt/h*
17-1	Filter cartridge In-Line Carbon active GAC 2,5"x12" quick fittings 1/4" tube Max flow rate 170 lt/h*
18-1	Filter cartridge In-Line Carbon Block 5µ 2,5"x12" quick fittings 1/4" tube Max flow rate 230 lt/h*

KIT FILTERS CARTRIDGE IN-LINE

KIT FILTERS CARTRIDGE IN-LINE 2.5"x12" - 3/8" BAYONET

Code	Kit filters cartridge In-Line 2,5"x12" 3/8" bayonet
16-2	Kit filters cartridge in-line Microfiber PP 5µ 2,5"x12" with rubber fittings 3/8" bayonet Max flow rate 230 lt/h*
18-2	Kit filters cartridge in-line Carbon Block CBC 5µ 2,5"x12" with rubber fittings 3/8" bayonet Max flow rate 230 lt/h*
KITFIL002	Kit 2 pre-filters cartridge in-line PP+CBC 5µ 2,5"x12" with rubber fittings 3/8" bayonet Max flow rate 230 lt/h*

*Indicative value referred to water with supply pressure 3 bar Δp 0.1 bar and new cartridge



FILTER CARTRIDGES COMPACT 12"

FILTER CARTRIDGES COMPACT 12"

Code	Filter cartridges Compact 12" Bayonet coupling
FILCOM001	Filter cartridge Compact Microfiber PP 5μ length 12" Bayonet coupling Maximum flow rate 230 lt/h*
FILCOM003	Filter cartridge Compact Carbon Block 5μ length 12" Bayonet coupling Maximum flow rate 230 lt/h*
FILCOM004	Double action filter cartridge Compact ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1μ) length 12" bayonet coupling. Maximum flow rate 120 lt/h*
KITFIL005	Kit dechlorinator water purifier MINI COMPACT CBC complete with cartridge Microfiber PP 5μ, cartridge Carbon Block 5μ and installation kit. Max flow rate 230 lt/h*
KITFIL006	Kit dechlorinator water purifier MINI COMPACT PP+HF complete with cartridge Microfiber PP 5μ, cartridge ACF+HF (Activated Carbon Fiber + Hollow Fiber Membrane 0,1μ) and installation kit. Max flow rate 120 lt/h*
KITFIL007	Kit dechlorinator water purifier MINI COMPACT ACF+HF complete with cartridge Activated Carbon Fiber + Hollow Fiber Membrane 0,1μ and installation kit. Max flow rate 120 lt/h*



KITFIL005 / 006

FILCOM001

KITFIL007

FILTER CARTRIDGES MICROFIBER PP

FILTER CARTRIDGES MICROFIBER PP

Code	Filter cartridges Microfiber PP
35	Filter cartridge Microfiber PP 5μ length 5" Maximum flow rate 400 lt/h*
28	Filter cartridge Microfiber PP 5μ length 10" Maximum flow rate 800 lt/h*
28-1	Filter cartridge Microfiber PP 1μ length 10" Maximum flow rate 700 lt/h*
28-2	Filter cartridge Microfiber PP 10μ length 10" Maximum flow rate 800 lt/h*
28-3	Filter cartridge Microfiber PP 20μ length 10" Maximum flow rate 800 lt/h*
28-4	Filter cartridge Microfiber PP 50μ length 10" Maximum flow rate 800 lt/h*
21	Filter cartridge Microfiber PP 5μ length 20" Maximum flow rate 1.500 lt/h*
21-1	Filter cartridge Microfiber PP 1μ length 20" Maximum flow rate 1.300 lt/h*
21-2	Filter cartridge Microfiber PP 25μ length 20" Maximum flow rate 1.500 lt/h*
21-3	Filter cartridge Microfiber PP 50μ length 20" Maximum flow rate 1.500 lt/h*



35



28



21



BBC-8



BBC-2

FILTER CARTRIDGES MICROFIBER PP BIG

Code	Filter cartridges Microfiber PP BIG
BBC-8	Filter cartridge Microfiber PP 5μ Big length 10" Maximum flow rate 1.500 lt/h*
BBC-2	Filter cartridge Microfiber PP 5μ Big length 20" Maximum flow rate 3.000 lt/h*

*Indicative value referred to water with supply pressure 3 bar Δp 0.1 bar and new cartridge

FILTER CARTRIDGES CARBON BLOCK CBC

FILTER CARTRIDGES CARBON BLOCK CBC

Code	Filter Cartridges Carbon Block CBC
35-1	Filter cartridge Carbon Block CBC 10 μ length 5" Maximum flow rate 150 lt/h*
31	Filter cartridge Carbon Block 10 μ length 10" Maximum flow rate 300 lt/h*
15	Filter cartridge Carbon Block CBC 10 μ length 20" Maximum flow rate 600 lt/h*



35-1

31

15

FILTER CARTRIDGES CARBON BLOCK CBC BIG

Code	Filter Cartridges Carbon Block CBC BIG
BBC-4	Filter cartridge Carbon Block CBC BIG 10 μ length 10" Maximum flow rate 600 lt/h*
BBC-1	Filter cartridge Carbon Block CBC BIG 10 μ length 20" Maximum flow rate 1.200 lt/h*



BBC-4

BBC-1

FILTER CARTRIDGES WASHABLE MESH

FILTER CARTRIDGES NYLON AND STAINLESS STEEL MESH

Code	Filter cartridges nylon and stainless steel mesh
CARFIL01	Washable nylon mesh filter cartridge 60 μ length 10"
CARFIL10	Washable nylon mesh filter cartridge 80 μ length 9 $\frac{3}{4}$ "
CARFIL02	Special washable nylon mesh filter cartridge 60 μ length 10" for OTS filter
CARFIL03	Special washable nylon mesh filter cartridge 60 μ length 20" for OTS filter
CARFIL05	Washable nylon mesh cartridge 60 μ length 20"
CARFIL04	Stainless steel mesh cartridge spare part for filter MAXI \varnothing 1 $\frac{1}{4}$ "
CARFIL08	Stainless steel mesh cartridge spare part for filter MAXI \varnothing 1 $\frac{1}{2}$ "
CARFIL06	Pleated stainless steel mesh filter cartridge 50 μ length 10"



CARFIL04

CARFIL10

CARFIL06

*Indicative value referred to water with supply pressure 3 bar Δp 0.1 bar and new cartridge

HOUSING AND CERAMIC CARTRIDGE

HOUSING AND CERAMIC CARTRIDGE

Code	Housing and ceramic cartridge
31-1	Ceramic filter cartridge 0.5µ length 10" Maximum flow rate 80 lt/h*
7-2	Housing for Ceramic filter cartridge threaded fittings ¼" F



31-1

7-2

CARTRIDGES WITH FILTERING MATERIALS

CARTRIDGES WITH FILTERING MATERIALS

Code	Cartridges with filtering materials
14-1	Post-filter cartridge in-line Deacidifying length 12" connections ¼" F rechargeable
26	Cartridge with mixed bed resin 0.75 lt. length 10"
26-1	Cartridge with mixed bed resin 1,5 lt. length 20"
26-2	Cartridge with mineral deacidifying system 0.75 lt length 10"
26-3	Cartridge with mineral deacidifying system 1,50 lt length 20"
27	Cartridge Empty housing length 10"
27-1	Cartridge Empty housing length 20"



27

14-1

27-1

FILTER CARTRIDGES PLEATED

FILTER CARTRIDGES PLEATED

Code	Filter cartridges pleated
30	Pleated polyester cartridge 5µ length 10"
30-1	Pleated polyester cartridge 5µ length 20"



30

*Indicative value referred to water with supply pressure 3 bar Δp 0.1 bar and new cartridge

REVERSE OSMOSIS MEMBRANE

R.O. MEMBRANE FOR DOMESTIC USE

Code	R.O. Membrane for domestic use
11-1	Reverse Osmosis Membrane RE-1812 50GPD
11-2	Reverse Osmosis Membrane RE-1812 80GPD
11-3	Reverse Osmosis Membrane RE-2012 100GPD
11-4	Reverse Osmosis Membrane RE-2012 150GPD
TFC2812	Reverse Osmosis Membrane RE-2812 300GPD
TFC3013-A	Reverse Osmosis Membrane TFC-3013-A 500GPD

R.O. MEMBRANE FOR DOMESTIC USE SPECIFICATIONS

MODEL	Nominal Production	Active surface	Test pressure	Medium rejection	Recovery	Salinity max
	lt / day ⁽¹⁾	m ²	bar	%	%	mg/l TDS
RE-1812-50	189	0,20	4,1	98	15	1500
RE-1812-80	303	0,32	4,1	98	15	1500
RE-2012-100	397	0,39	4,1	98	15	1500
RE-2012-150	568	0,59	4,1	98	15	1500
RE-2812-300	1136	1,18	4,1	96	15	1500
TFC-3013-500	1893	2,10	4,5	97	15	1500

(1) Indicative value obtained in laboratory conditions and based on water with 200 ppm NaCl, pH 7.5, temperature 25 °C, operating and recovery pressure as in the above described table. The slow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and the supply water temperature (+/- 3% per °C).

R.O. MEMBRANE FOR PROFESSIONAL USE

Code	R.O. Membrane for professional use
MEMRO001	Reverse Osmosis Membrane RE2514-TL 250GPD (low pressure)
MEMRO002	Reverse Osmosis Membrane RE2521-BLN 300GPD (low pressure)
MEMRO003	Reverse Osmosis Membrane RE2540-BLN 800GPD (low pressure)
MEMRO004	Reverse Osmosis Membrane RE4021-BLN 1200GPD (low pressure)
MEMRO005	Reverse Osmosis Membrane RE4040-BLN 2600GPD (low pressure)
MEMRO006	Reverse Osmosis Membrane RE4040-BE 2400GPD (high rejection)
MEMRO007	Reverse Osmosis Membrane RE4021-BE 1200GPD (high rejection)
MEMRO008	Reverse Osmosis Membrane RE2521-BE 300GPD (high rejection)
MEMRO009	Reverse Osmosis Membrane RE2540-BE 800GPD (high rejection)

R.O. MEMBRANE FOR PROFESSIONAL USE SPECIFICATIONS

MODEL	Nominal Production	Active surface	Test pressure	Medium rejection	Recovery	Salinity max
	m ³ / day ⁽¹⁾	m ²	bar	%	%	mg/l TDS
RE2514-TL	0,94	0,65	10	97,5	15	5000
RE2521-BLN	1,1	1,1	10	99,2	15	5000
RE2540-BLN	3,0	2,5	10	99,2	15	5000
RE4021-BLN	4,5	3,3	10	99,2	15	5000
RE4040-BLN	9,8	7,9	10	99,4	15	5000
RE4040-BE	9,1	7,9	15,5	99,7	15	8000
RE4021-BE	4,5	3,3	15,5	99,5	8	8000
RE2521-BE	1,1	1,1	15	99,7	15	8000
RE2540-BE	3,0	2,5	15	99,7	15	8000

(1) Indicative value obtained in laboratory conditions and based on water with 2,000 ppm NaCl, pH 7.5, temperature 25 °C, operating and recovery pressure as in the above described table. The flow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and the supply water temperature (+/- 3% per °C).



11-1

TFC2812

TFC3013-A



MEMBRANE VESSEL

MEMBRANE VESSEL FOR DOMESTIC USE

Code	Membrane vessel for domestic use
7	Plastic vessel for membrane 1812 white color fittings 1/8" F
7-1	Plastic vessel for membrane 2812 / 3012 white color fittings 3/8" F
7-10	Plastic vessel for membrane 3013 white color
7-11	Plastic vessel for membrane 3013 reinforced white color



COMPONENTS

STAINLESS STEEL MEMBRANE VESSEL

Code	Stainless steel membrane vessel
7-3	Stainless steel vessel Ø 2,5" 300PSI for membrane mod. 2514
7-4	Stainless steel vessel Ø 2,5" 300PSI for membrane mod. 2521
7-5	Stainless steel vessel Ø 2,5" 300PSI for membrane mod. 2540
7-6	Stainless steel vessel Ø 4" 300PSI for membrane mod. 4040

FRP MEMBRANE VESSEL

Code	FRP membrane vessel
7-7	FRP vessel Ø 2,5" 300PSI for membrane mod. 2514
7-8	FRP vessel Ø 2,5" 300PSI for membrane mod. 2521
7-9	FRP vessel Ø 2,5" 300PSI for membrane mod. 2540
7-15	FRP vessel Ø 4" 300PSI for membrane mod. 4021
7-16	FRP vessel Ø 4" 300PSI for membrane mod. 4040



FAUCETS



41



42



43



44-2

LONG REACH FAUCETS

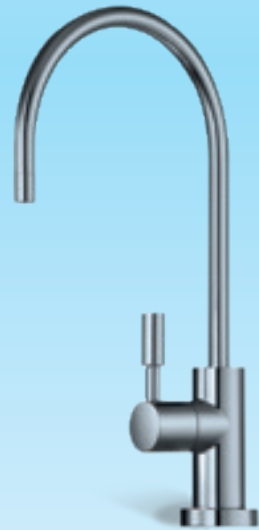
Code	Long reach faucets
41	Long reach faucet type 1 chromed with plastic inner body and stainless steel spout
42	Long reach faucet type 2 chromed with plastic inner body and stainless steel spout
43	Long reach faucet type 3 chromed with plastic inner body and stainless steel spout
44-2	Long reach faucet type 5 chromed with plastic inner body and stainless steel spout
44-6	Long reach faucet type 8 chromed with plastic inner body and stainless steel spout



41-1



43-1



44-6

2-WAY LONG REACH FAUCETS

Code	2-Way long reach faucets
41-1	2-way long reach faucet type 11 chromed brass
43-1	2-way long reach faucet type 12 chromed brass



KITRU003



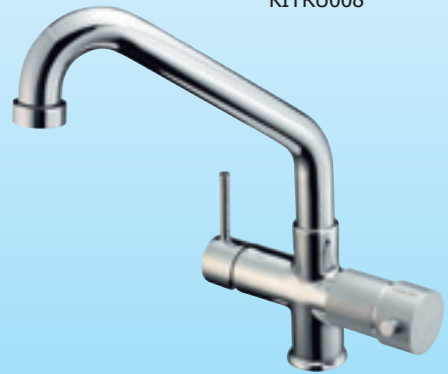
KITRU009



KITRU010



KITRU008



KITRU007

3-WAY FAUCETS

Code	3-Way Faucets
KITRU003	3-way faucet mod. 3750 chromed with mixer
KITRU009	3-way faucet on column mod. Xenia chromed with buttons
KITRU010	3-way faucet on column mod. Xenia chromed with levers
KITRU001	3-way faucet on column mod. Giotto chromed with recirculation and medals
KITRU008	3-way faucet on column mod. Giotto chromed with recirculation



KITRU004



KITRU005



KITRU006



44-14 / 44-15

KITCHEN MIXERS FAUCETS

Code	Kitchen mixers faucets
KITRU004	3-way kitchen sink mixer mod. 3200A chromed with high spout
KITRU005	3-way kitchen sink mixer mod. 3200B chromed with low spout
KITRU006	5-way kitchen sink mixer mod. 5200A chromed with high spout
KITRU007	5-way kitchen sink mixer mod. 5200B chromed with low spout
44-13	Faucet from sink mod. NKDP0138 chromed 3-way with mixer, separate outlet and inner body made of plastic
44-14	Faucet from sink mod. NKDP0238 chromed 3-way with mixer, separate outlet and inner body made of plastic
44-15	Faucet from sink mod. NKDP4238 chromed 4-way with mixer, separate outlet and inner body made of plastic



44-13

KIT DEMONSTRATION CASES

KIT DEMONSTRATION CASES

Code	Kit demonstration cases
RO-103	Kit demonstration cases Reverse Osmosis RO-103 Basic complete with: <ul style="list-style-type: none"> - Osmotic membrane TFC-1812 75GPD - Cartridge pre-filter In-Line Carbon Block CBC 5µ 2.5"x12" - Cartridge post-filter in-line Carbon Block Silver antibacterial 5µ 2"x10" - Flow Control 420 CC/min and manual membrane flushing valve - Mixing kit for residual hardness - Fittings, tube and various materials
RO-103P	Kit demonstration cases Reverse Osmosis RO-103 Plus complete with: <ul style="list-style-type: none"> - Osmotic membrane TFC-1812 75GPD - Cartridge pre-filter In-Line Microfiber PP 5µ 2,5"x12 - Cartridge pre-filter In-Line Carbon Block CBC 5µ 2.5"x12 - Cartridge post-filter in-line Carbon Block Silver antibacterial 5µ 2"x10" - Booster Pump mod. 2.600 ¾" F complete with transformer 230V / 24VDC - Flow Control 420 CC/min and manual membrane flushing valve - Mixing kit for residual hardness - Fittings, tube and various materials
RO-103PO	Kit demonstration cases Reverse Osmosis RO-103 Plus PO complete with: <ul style="list-style-type: none"> - Osmotic membrane TFC-1812 75GPD - Cartridge pre-filter In-Line Carbon Block CBC 5µ 2,5"x12 - Cartridge post-filter in-line Carbon Block Silver antibacterial 5µ 2"x10" - Monophase motor 230V 180W complete with brass rotary pump 200 lt/h - Flow Control 420 CC/min and manual membrane flushing valve - Mixing kit for residual hardness - Fittings, tube and various materials



RO-103



RO-103P

PRESSURE STORAGE TANKS

PRESSURE STORAGE TANKS

Code	Pressure storage tanks
36	Storage tank steel capacity 8 liters ¼" NPT Ø 203 mm H. 317 mm
36-4	Storage tank PP/steel capacity 12 liters ¼" NPT Ø 240 mm H. 364 mm
38	Storage tank steel capacity 41 liters 1" BSPP Ø 390 mm H. 575 mm
38-1	Storage tank steel capacity 75 liters 1" BSPP Ø 390 mm H. 770 mm



36



36-4



38



38-1

FILTERS MOUNTING BRACKETS

FILTERS MOUNTING BRACKETS

Code	Filters mounting brackets
STINOX008	Stainless steel bracket AISI 304 for 1 filter housing Compact 12"
STINOX006	Stainless steel bracket AISI 304 for 2 filter housings Compact 12"
57	Steel bracket white color for filter housing Big
58	Steel bracket white color for filter housing FP2 / FP3
59	Steel bracket white color for 3 filter housings length 10"
66-5	Steel bracket white color for 2 filter housings length 10"

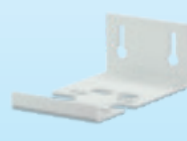


STINOX006

57



59



58



66-5

PRESSURISING PUMPS

PRESSURISING PUMPS

Code	Pressurising pumps
67	Booster Pump 2600 3/8" F complete with transformer 230V / 24VDC
67-1	Booster Pump 2000 3/8" F complete with transformer 230V / 32VDC
67-2	Booster Pump 5800 5/16" R 230V 50Hz 0,3A
67-3	Transformer spare part 230V / 24VDC for Booster Pump 2600
67-4	Transformer spare part 230V / 32VDC for Booster Pump 2000
MOTROT001	Monophase motor 230V 180W direct coupling for rotary pump 200 lt/h
MOTROT005	Monophase motor 230V 300W direct coupling for rotary pump 200/300 lt/h
MOTROT002	Monophase motor 230V 370W direct coupling for rotary pump 300/400 lt/h
POMROT009	Brass rotary pump 150 lt/h with by-pass fittings 3/8" M
POMROT001	Brass rotary pump 200 lt/h with by-pass fittings 3/8" M
POMROT002	Brass rotary pump 300 lt/h with by-pass fittings 3/8" M
POMROT003	Brass rotary pump 400 lt/h with by-pass fittings 3/8" M



67-1



67-2



POMROT002



MOTROT005

PRESSURE SWITCHES

PRESSURE SWITCHES

Code	Pressure switches
64-2	Low pressure switch SP Rilsan plastic fitting stem 1/4"
66	High / low pressure switch GP110 brass fitting 1/8" M
65-1	High pressure switch SP Rilsan plastic fitting stem 1/4"
65-2	High pressure switch SP Rilsan plastic fitting stem 1/4" Δp 1 bar



64-2



66

SOLENOID VALVES

SOLENOID VALVES

Code	Solenoid valves
63-7	Solenoid valve series Rapid 1/4" R 230V
63-8	Solenoid valve series Rapid 5/16" stem 230V
63-9	Solenoid valve series Rapid 1/4" R x 1/4" stem 230V
63-10	Solenoid valve series Rapid 1/4" stem 230V
63-11	Solenoid valve series S18 3/4" M x 10mm. stem 230V
63-12	Mounting bracket for solenoid valve series S18



63-8



63-9



63-11

COMPONENTS AND VARIOUS MATERIALS

ACCESSORIES AND VARIOUS SPARE PARTS

Code	Accessories and various spare parts
48	Ball valve 1/4" M for tube 1/4"
48-1	Ball valve 1/4" M for tube 3/8"
48-2	Ball valve 1/4" M for tube 5/16"
49	Kit water socket 3/4" MF with fitting 1/4" F and extension 3/4" MF
51	Feed water adapter 1/2" MF with fitting 1/4" F
45	Water socket fitting with diverter valve for faucet
52-1	Brass needle valve 1/4" FF
52-2	Intermediate brass needle valve 1/4"
REGFLUS02	Intermediate flow controller 1/4" bayonet
REGFLUS03	Fixing bracket for flow controller 1/4" bayonet
REGFLUS05	Intermediate elbow flow controller 1/4" R
54-2	Pressure gauge glycerine 0-16 Bar inox case DN40 rear coupling 1/8" M
54-6	Pressure gauge 0-16 Bar plastic case ABS DN40 rear coupling 1/8" M
9022210	Pressure gauge glycerine 0-10 Bar inox case DN63 rear coupling 1/4" M
9022260	Pressure gauge glycerine 0-25 Bar inox case DN63 rear coupling 1/4" M
9092331	Metal fixing bracket for pressure gauge glycerine DN63
94	Filter strainer 3/8" tube with stainless steel cartridge 150µ
94-1	Filter strainer 6 mm. tube with stainless steel cartridge 150µ
94-2	Filter strainer 5/16" tube with stainless steel cartridge 150µ
94-3	Filter strainer 1/4" tube with stainless steel cartridge 150µ
98-1	Brass pressure reducer mod. Mignon 3/8" FF
98-2	Brass pressure reducer kit mod. Eurobrassblu 3/4" MM CR PN25 complete with pressure gauge 0-10 bar
98-4	Brass pressure reducer kit mod. Eurobrassblu 1" MM CR PN25 complete with pressure gauge 0-10 bar

PLASTIC MOUNTING CLIPS

Code	Plastic mounting clips
74	Double filter clip 2" x 2 1/2"
75	Double filter clip 2 1/2" x 2 1/2"
75-1	Double filter clip 2" x 2"
77	Single clip 2" for filter In-Line and UV sterilizer
78	Single clip 2 1/2" for filter In-Line and membrane vessel 1812
79	Single clip for membrane vessel 3012
79-1	Single clip for membrane vessel 3013

DISASSEMBLING WRENCH FOR FILTERS HOUSINGS

Code	Disassembling wrench for filters housings
76	Double plastic wrench for disassembling vessel 1812 and filter housing 2P
76-1	Plastic wrench for disassembling filter housing BIG
76-3	Plastic wrench for disassembling filter housing 2P
76-4	Plastic wrench for disassembling filter housing 3P
76-5	Metal wrench for disassembling filter housing mod. OTS
76-7	Plastic wrench for disassembling filter housing mod. FP2 / FP3



48



51



94



REGFLUS05



98-2



98-1



54-6



9022210



74



75



78



79-1



76



76-1



76-4



76-5



76-7

VARIOUS FITTINGS

Code	Various fittings
85	Plastic nipples 1/4"
118	Reduction fitting 3/4" F x 8 mm. stem with gasket
ABFU0409	Both Female Union 3/4" BSP x 1/4" BSP with gasket



WATER LEAK STOP VALVES

Codice	Water leak stop valves
ANTALL001	Automatic water leak stop valve with electronic sensor and motorized ball valve 1" FF
ANTALL002	Mechanical water leak stop valve 1/2" tube



FLOW RESTRICTORS

Code	Flow restrictors
70-3	Flow restrictor 200 CC/min. quick fittings 1/4" tube
70-4	Flow restrictor 250 CC/min. quick fittings 1/4" tube
70-1	Flow restrictor 300 CC/min. quick fittings 1/4" tube
70	Flow restrictor 420 CC/min. quick fittings 1/4" tube
70-5	Flow restrictor 550 CC/min. quick fittings 1/4" tube
70-2	Flow restrictor 800 CC/min. quick fittings 1/4" tube



CONCENTRATED DISCHARGE FITTINGS

Code	Concentrated discharge fittings
80	Drain clamp quick fitting 1/4" tube
80-1	Drain clamp quick fitting 3/8" tube



INTERMEDIATE BALL VALVES

Code	Intermediate ball valves
114	Intermediate ball valve 1/4" tube



BALL TANK VALVES

Code	Ball tank valves
97	Ball tank valve 1/4" F x 1/4" tube
97-1	Ball tank valve 1/4" F x 3/8" tube



CHECK VALVES

Code	Check valves
115-1	Check valve 1/4" tube
115-2	Check valve 3/8" tube
115-4	Check valve 5/16" tube



POLYETHYLENE TUBING

Code	Polyethylene tubing
39	Polyethylene tube ø 1/4" white color (reel lenght 300 meter)
39-1	Polyethylene tube ø 3/8" white color (reel lenght 150 meter)
39-2	Polyethylene tube ø 1/4" black color (reel lenght 300 meter)
39-3	Polyethylene tube ø 1/4" blue color (reel lenght 300 meter)
39-4	Polyethylene tube ø 5/16" black color (reel lenght 200 meter)
39-5	Polyethylene tube ø 5/16" white color (reel lenght 200 meter)
TUBPE003	Polyethylene tube ø 6 mm. black color (reel lenght 100 meter)



FITTINGS WITH QUICK FITTING

INTERMEDIATE ELBOW FITTINGS

Code	Intermediate elbow fittings
101	Elbow union 1/4" tube
101-1	Elbow union 3/8" tube
101-2	Elbow union 5/16" tube
101-4	Elbow union 6 mm tube
101-5	Elbow union 8 mm tube



REDUCER ELBOW FITTINGS

Code	Reducer elbow fittings
101-3	Elbow union reduced 1/4" tube x 5/16" tube
101-7	Elbow union reduced 5/16" tube x 3/8" tube
120	Elbow union reduced 1/4" tube x 3/8" tube
101-6	Elbow union reduced 6 mm tube x 8 mm tube



THREADED ELBOW FITTINGS

Code	Threaded elbow fittings
104	Male elbow thread 1/8" M x 1/4" tube
104-1	Male elbow thread 1/8" F x 1/4" tube
107	Male elbow thread 1/4" M x 1/4" tube
107-1	Male elbow thread 3/8" M x 3/8" tube
107-2	Male elbow thread 1/4" M x 3/8" tube
107-3	Male elbow thread 1/4" M x 6 mm tube
108	Male elbow thread 3/8" M x 1/4" tube
108-1	Male elbow thread 1/4" M x 5/16" tube
108-2	Male elbow thread 3/8" M x 5/16" tube



STEM ELBOW FITTINGS

Code	Stem elbow fittings
105	Stem elbow 1/4" x 1/4" tube
105-1	Stem elbow 3/8" x 3/8" tube
105-2	Stem elbow 3/8" x 1/4" tube
105-4	Stem elbow 1/4" x 5/16" tube
105-7	Stem elbow 6 mm x 6 mm tube
105-8	Stem elbow 8 mm x 8 mm tube
105-9	Stem elbow 5/16" x 5/16" tube
105-14	Stem elbow 3/8" x 5/16" tube
105-15	Stem elbow 1/4" x 3/8" tube



DIRECT FITTINGS

Code	Direct fittings
102	Union connector 1/4" tube x 1/4" tube
102-1	Union connector reduced 1/4" tube x 3/8" tube
102-2	Union connector reduced 1/4" tube x 5/16" tube
102-3	Union connector 6 mm tube x 6 mm tube
102-4	Union connector 8 mm tube x 8 mm tube
102-5	Union connector reduced 6 mm tube x 8 mm tube
102-6	Union connector reduced 5/16" tube x 3/8" tube



THREADED MALE DIRECT FITTINGS

Code	Threaded male direct fittings
103	Male connector 1/4" M x 1/4" tube
103-1	Male connector 3/8" M x 1/4" tube
103-2	Male connector 3/8" M x 3/8" tube
103-3	Male connector 1/4" M x 3/8" tube
103-5	Male connector 1/4" M x 5/16" tube
103-6	Male connector 3/8" M x 5/16" tube
84-3	Male connector 1/8" M x 6 mm tube
84-4	Male connector 1/8" M x 8 mm tube
84-5	Male connector 3/8" M x 8 mm tube
84-6	Male connector 1/4" M x 6 mm tube

THREADED FEMALE DIRECT FITTINGS

Code	Threaded female direct fittings
119	Female adapter 7/16" F x 1/4" tube
119-1	Female adapter 7/16" F x 3/8" tube
119-2	Female adapter 1/4" F x 1/4" tube
119-3	Female adapter 1/8" F x 1/4" tube

INTERMEDIATE Y-FITTING

Code	Intermediate Y-fitting
95	Two way divider 1/4" tube

DIRECT STEM FITTINGS

Code	Direct stem fittings
109	Stem adapter 3/8" stem x 1/4" tube
109-1	Stem adapter 5/16" stem x 1/4" tube
109-2	Stem adapter 3/8" stem x 5/16" tube

STEM TERMINALS FITTINGS

Code	Stem terminals fittings
107-4	Stem adapter 1/4" stem x 1/8" M
107-5	Stem adapter 1/4" stem x 1/4" M
107-6	Stem adapter 3/8" stem x 3/8" M
107-7	Stem adapter 3/8" stem x 1/4" M
107-8	Stem adapter 5/16" stem x 1/4" M

INTERMEDIATE AND REDUCER T-FITTINGS

Code	Intermediate and reducer T-fittings
110	Tee union 1/4" tube
110-6	Tee union 5/16" tube
110-1	Tee union 3/8" tube
110-2	Tee union reduced 3/8" tube x 1/4" tube x 3/8" tube
110-3	Tee union 6 mm tube
110-4	Tee union 8 mm tube
110-5	Tee union reduced 5/16" tube x 1/4" tube x 5/16" tube



STEM T-FITTINGS

Code	Stem T-fittings
106	Stem run tee 1/4" x 1/4" tube
106-1	Stem run tee 3/8" x 3/8" tube
106-2	Stem branch tee 1/4" x 1/4" tube

THREADED T-FITTINGS

Code	Threaded T-fittings
111	Male run tee 1/4" M x 1/4" tube
111-2	Male branch tee 1/4" M x 1/4" tube

PANEL-MOUNT FITTINGS

Code	Panel-mount fittings
117	Bulkhead union 1/4" tube
117-1	Bulkhead union 3/8" tube
117-2	Bulkhead union 6 mm black color
117-3	Bulkhead union 8 mm black color
117-4	Bulkhead union 5/16" tube

PLUGS

Code	Plugs
120-1	Plug 1/4" stem
120-2	Plug 3/8" stem
120-3	Plug 6 mm stem
120-4	Plug 5/16" stem

LOCKING CLIPS

Code	Locking clips
121	Locking clip 1/4" blue color
121-1	Locking clip 3/8" blue color
121-2	Locking clip 5/16" white color



GENERAL SALES CONDITIONS

The following general sales conditions will be applied from the date of issuing this catalogue and is intended as fully accepted by the client at the time of the order confirmation. Under the conditions below indicated, no derogation is void, unless expressly accepted in writing by Depur Sistem Italia. This catalogue cancels and supersedes any previous one. The price of items presented in this catalogue is published on-line on our website www.depursistemitalia.com and does not include VAT for goods delivered free from our warehouse in Lucca (Italy). The prices may be changed at any time in relation to the general trend of cost of components, of raw materials and to improvements in equipment, without Depur Sistem Italia S.r.l. being required to give special notice. The technical data and the images shown in the catalogues and in the related data sheets are not binding and can be changed at any time without notice.

Delivery:

The shipment of goods is borne by the customer and any risk during the delivery is taken by the buyer. All our responsibility ceases automatically with the delivery of goods to the carrier, to whom the customer will signal any claims. We remind you that, as provided by Law No. 450 of 1985, the reimbursement for the loss or damage of the transported goods is exclusively assured by the carrier. Upon receipt of the goods, the customer is required to thoroughly check the quantity and condition of the packaging and materials contained therein. Any claims must be noted preferably on commercial invoice and in any case be submitted in writing to Depur Sistem Italia S.r.l. within 8 days from receipt of the goods. The delivery time indicated in the order confirmation is indicative and any delay in delivery of goods will not enable the client to cancel the order or to request compensation for any direct or indirect damages caused by this inconvenience.

Warranty:

The warranty on our products covers 24 months from the date of shipment and includes only the free replacement of the materials that were verified by us as defective, except for the parts subject to normal wear (filters, membranes, etc.), to the exclusion of any further and different obligation. Depur Sistem Italia S.r.l. declines any and all responsibility for consequence or damages due to damages caused by negligence, carelessness, tampering or intentional misconduct of the client, its personnel or third parties.

Returned material:

We do not accept returned goods unless expressly agreed in writing by Depur Sistem Italia S.r.l. The goods considered defective, after our written authorization, have to be returned at Buyer's freight together the information about the defect. The material returned must maintain all the characteristics of merchantability, must be complete in the intact original packing and with any accessories.

Payment:

The payments of the commercial invoices must be made to the deadlines and conditions indicated in the invoice. In case of delay in payment, the interest shall be automatically payable at the interest rate calculated on the basis of the official discount rate increased by four points. Delayed payment, even partial, will also result in the suspension of the guarantee and additional supplies and Depur Sistem Italia S.r.l. will have the right to use all appropriate legal means for the recovery of the credit. Our ownership of the goods delivered will remain valid until full payment of the commercial invoices.

Competent court:

For any dispute will be exclusive responsible the court of Lucca (Italy).



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