

## Water treatment

### manual water softeners

#### water softeners with two valves



#### technical data:

throughput: 1000 l/h  
operating pressure: 1-8bar  
water temperature: 4-25°C

fig.	part no.	connection	type	tank capacity (l)	resin amount (l)	salt amount/ regeneration (kg)	capacity at 20°e (l)	ø x width x height (mm)
1	530161	3/8"	DVA LT	5	3.5	0.5	700	190x255x300
2	530120	3/8"	DVA LT	8	5.6	1	1120	190x255x400
2	530199	3/4"	DVA LT	8	5.6	1	1120	190x255x400
3	530121	3/8"	DVA LT	12	8.4	1.5	1680	190x255x500
3	530201	3/4"	DVA LT	12	8.4	1.5	1680	190x255x500
4	530126	3/8"	DVA LT	16	11.2	2	2240	190x255x600
4	530202	3/4"	DVA LT	16	11.2	2	2240	190x255x600
5	530127	3/8"	DVA LT	20	14	2.5	2800	190x255x900
5	530203	3/4"	DVA LT	20	14	2.5	2800	190x255x900

#### water softeners with bypass valve and mix valve



#### technical data:

throughput: 900 l/h  
operating pressure: 1-8bar  
water temperature: 4-25°C

fig.	part no.	connection	type	tank capacity (l)	resin amount (l)	salt/reg. (kg)	capacity at 20°e (l)	ø x width x height (mm)
1	530122	3/8"	DVA BP	8	5.6	1	1120	190x255x400
2	530123	3/8"	DVA BP	12	8.4	1.5	1680	190x255x500
3	530124	3/8"	DVA BP	16	11.2	2	2200	190x255x600
4	530125	3/8"	DVA BP	20	14	2.5	2800	190x255x900

## spare parts for manual water softeners



fig.	part no.	description	suitable for
1	520133	valve 3/8"	DVA LT
2	520713	valve 3/4"	DVA LT
3	530328	nozzle M6x1	DVA LT
4	520213	reducer 3/8"-3/4"	DVA LT
5	520214	reducer 3/4"-3/4"	DVA LT
6	520715	lever	DVA LT



fig.	part no.	description	suitable for
1	520131	O-ring	DVA LT / BP
2	530807	plastic lid complete	DVA LT / BP

## automatic water softeners water softeners with control Autotrol 255/440 (timer)



### technical data:

throughput: 1500 l/h  
operating pressure: 2-8bar  
water temperature: 6-25°C  
supply: 230V AC

fig.	part no.	connection	type	tank capacity (l)	resin amount (l)	salt amount/ regeneration (kg)	salt tank/capacity	capacity at 20°e (l)	ø x width x height (mm)
4	530131	1/2"	MINI	12	9	1.5	35	1680	310x430x660
5	530132	3/4"	MAXI	26	15	2.7	80	3360	310x430x1100

## water softeners with control Autotrol 255/440 (volumetric)



### technical data:

throughput: 1500 l/h  
operating pressure: 2-8bar  
water temperature: 6-25°C  
supply: 230V AC

fig.	part no.	connection	type	tank capacity (l)	resin amount (l)	salt amount/ regeneration (kg)	salt tank/capacity	capacity at 20°e (l)	ø x width x height (mm)
1	530133	3/4"	MINI	12	9	1.5	35	1680	310x430x660
2	530134	3/4"	MAXI	26	15	2.7	80	3360	310x430x1100

## water softeners with control Autotrol LOGIX 255/740 (Timer)



### technical data:

throughput: 1500 l/h  
operating pressure: 2-8bar  
water temperature: 6-25°C  
supply: 230V AC

fig.	part no.	connection	type	tank capacity (l)	resin amount (l)	salt amount/ regeneration (kg)	salt tank/capacity	capacity at 20°e (l)	ø x width x height (mm)
1	530808	½"	GIX 5	5	4	0.5	10	700	225x355x535
2	530809	½"	GIX 8	8	5	1	20	1120	245x480x560
3	530824	¾"	GIX 12	12	8	1.5	25	1680	290x400x665

## water softeners with control Autotrol 366/604 (timer)



fig.	part no.	connection	type	tank capacity (l)	resin amount (kg)	salt amount/ regeneration (l)	salt tank/capacity	capacity at 20°e (l)	ø x width x height (mm)
1	530825	½"	ISI 5	5	4	0.5	10	700	225x350x415
2	530826	½"	ISI 8	8	5	1	20	1120	245x450x440
3	530827	¾"	ISI 12	12	8	1.5	25	1680	285x400x550

## water softeners with control DM (timer), with mix valve



### technical data:

throughput: 900 l/h  
operating pressure: 2-8bar  
water temperature: 8-15°C  
supply: 230V AC

**ATTENTION:**  
Install with pre-filter only (530178 page 582)

no.	part no.	connection	type	tank capacity (l)	resin amount (l)	salt amount/ regeneration (kg)	salt tank/capacity	capacity at 20°e (l)	ø x width x height (mm)
1	530158	¾"	DM	8	5.6	1	10	1000	250x480x480

## water filters for water heaters



fig.	part no.	type	flow rate (l/min)	capacity at 20°e (l)	operation pressure (bar)	water temperature (°C)	filter size (µm)	suitable filter head	ø x height (mm)
1	530114	AH	1.9	approx. 2850	max. 10	max. 38	0.5	QL2/ QL3	80x260
2	530103	4H	1.9	approx. 5680	max. 10	max. 38	0.5	QL2/ QL3	80x370
3	530104	MH	6.3	approx. 34200	max. 10	max. 38	0.5	QL2/ QL3	80x530
4	530242	BH	1.9	approx. 11300	max. 10	max. 38	0.5	QL2/ QL3	80x370
5	530243	BH2	1.9	approx. 11300	max. 10	max. 38	0.5	QL2/ QL3	80x370
6	530244	2CB5-S	3.8	approx. 11350	max. 10	max. 38	5	QL2/ QL3	80x260
7	530245	4CB5-S	6.3	approx. 22710	max. 10	max. 38	5	QL2/ QL3	80x370
8	530246	7CB5-S	6.3	approx. 37854	max. 10	max. 38	5	QL2/ QL3	80x530
9	530112	QC7	2.0	approx. 1500	max. 8.6	max. 38	5	QL2/ QL3	80x530

## water softeners Everpure (total hardness)



fig.	part no.	type	flow rate (l/min)	capacity at 20°e (l)	operation pressure (bar)	water temperature (°C)	ø (mm)	height (mm)	width (mm)	depth (mm)
1	530107	BWSO 2000 complete	1.9	approx. 486	max. 10	max. 38	-	680	260	120
2	530140	BWSO 7000 complete	1.9	approx. 1700	max. 10	max. 38	-	625	275	180
3	530110	replacement cartridge for BWSO 2000 (new)	1.9	approx. 486	max. 10	max. 38	80	530	-	-
3	530111	replacement cartridge for BWSO 2000 (regenerated)	1.9	approx. 486	max. 10	max. 38	80	530	-	-
4	530146	replacement cartridge for BWSO 7000 (new)	1.9	approx. 1700	max. 10	max. 38	170	530	-	-
4	530147	replacement cartridge for BWSO 7000 (regenerated)	1.9	approx. 1700	max. 10	max. 38	170	530	-	-

## filter heads



fig.	part no.	description	connection	ø x height (mm)	fig.	part no.	description	connection	ø x height (mm)
1	530115	QL2 without shut-off valve	3/8" horizontal	96x80	4	530249	QL3B with shut-off valve	3/8" vertical	96x90
2	530248	QL2B without shut-off valve	3/8" horizontal	96x80	5	530250	QL3Bi with shut-off valve and pressure gauge	3/8" vertical	180x110
3	530106	QL3 with shut-off valve	3/8" vertical	96x90	6	520218	double nipple	3/4" - 3/8"	32

## accessories



fig.	part no.	description	ø x height (mm)	fig.	part no.	description
1	530118	Scalekleen (Everpure)	80x260	3	530098	descaling agent 200g
2	530097	descaling agent 50g		4	530099	descaling agent 1000g



fig.	part no.	description	type	application (coffee) capacity (l) at 10° KH	application vending capacity (l) at 10° KH	ø x height (mm) incl. connection head
1	530204	softener cartridge	Claris S	1500	1700	95x365
1	530205	softener cartridge	Claris M	2500	3000	95x475
1	530206	softener cartridge	Claris L	4600	5600	136x410
1	530207	softener cartridge	Claris XL	6600	8000	136x525
1	530208	softener cartridge	Claris XXL	11000	13200	175x525
2	530209	connection head 3/8"	Claris			

**water softeners Water + More (carbonate hardness)**



fig.	part no.	description	type	application (coffee)	application (combination steamer/ice-cube machines)		ø x height (mm) incl. connection head
				capacity (l) at 10° KH and 30% blend	capacity (l) at 10° KH and 0% blend	capacity (l) at 10° KH and 10% blend	
1	530071	softener cartridge	Bestmax X	500	370	415	88x300
2	530072	softener cartridge	Bestmax S	820	605	680	88x385
3	530073	softener cartridge	Bestmax V	1850	1370	1545	115x445
4	530074	softener cartridge	Bestmax M	2925	2165	2435	130x500
5	530075	softener cartridge	Bestmax L	4120	3050	3430	145x530
6	530076	softener cartridge	Bestmax XL	6000	4440	5000	145x530
7	530070	connection head 3/8"	Bestmax				

\* KH = german carbonate hardness

**water softeners Bilt (carbonate hardness)**



fig.	part no.	description	type	application (vending machines) capacity (l) at 10° KH (with bypass, 10%)	filtering capacity (microns)	ø x height (mm)
1	530500	softener cartridge	B 5232	1500	150	150x359
2	530501	softener cartridge	B 52MX	3000	150	150x360
3	530502	softener cartridge	B 52	4200	150	150x361
4	530503	softener cartridge	B 58MX	5700	150	150x439
5	530504	softener cartridge	B 58	7000	150	150x439

# WATER TREATMENT - ACCESSORIES



fig.	part no.	description	type	connection	for cartridge type
6	530505	connection head with bypass	BYP	3/8"	B52/B58
7	530506	connection fitting	R 8-3/8	3/8"	B52/B58

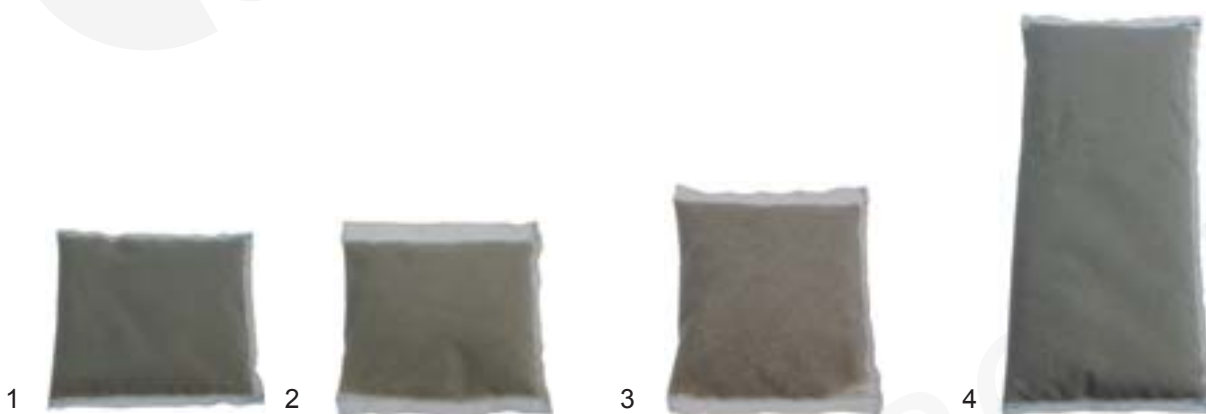


fig.	part no.	description	type	application (vending machines) capacity (l) at 10° KH	length/width (mm)
1	530507	softener bag	Oscar 60	100	120x100
2	530508	softener bag	Oscar 90	250	120x100
3	530509	softener bag	Oscar 150	415	150x100
4	530510	softener bag	Oscar 300	830	150x100



fig.	part no.	description	type	application (vending machines) capacity (l) at 10° KH	resin	ø x height (mm)
1	530511	softener cartridge	Nical 125	25	strong cation	41x95
2	530512	softener cartridge	Nical 250	50	strong cation	41x135
3	530513	softener cartridge (blu)	Nical 450 B	75	weak cation	41x95
4	530514	softener cartridge (blu)	Nical 900 B	150	weak cation	41x135
5	530515	softener cartridge (steam)	Nical deMi	30	demineralizing	76x85
6	530516	softener cartridge	Nical Midi	150	strong cation	76x85
7	530517	softener cartridge	Nical Mx	300	weak cation	76x85

## water filters for hot drinks



fig.	part no.	description	flow rate (l/min)	capacity at 20°e (l)	water pressure (bar)	water temperature (°C)	filter size (µm)	suitable filter head	ø x height (mm)
1	530012	replacement cartridge CS-14	3.8	approx. 9464	max. 8.6	max. 38	1.0	QL2/ QL3 (system Everpure)	86x286
2	530013	replacement cartridge CFS-9112-S	5.7	approx. 13249	max. 8.6	max. 38	1.0	QL2/ QL3 (system Everpure)	86x367
3	530018	replacement cartridge SWC-9135	1.9		max. 8.6	max. 38	5.0	QL2/ QL3 (system Everpure)	86x480
4	530270	replacement cartridge HF05-MS	2.8	approx. 5678	max. 8.6	max. 38	0.5	VH3 BSPT	86x180
5	530271	replacement cartridge HF10-MS	3.8	approx. 13200	max. 8.6	max. 38	0.5	VH3 BSPT	78x240



fig.	part no.	description	flow rate (l/min)	capacity at 20°e (l)	water pressure (bar)	water temperature (°C)	filter size (µm)	ø x height (mm)
1	530014	water filter CS-451 complete	1.9	approx. 5678	max. 8.6	max. 38		59x210
2	530015	replacement cartridge CS-51	1.9	approx. 5678	max. 8.6	max. 38		59x210
3	530022	replacement cartridge CS-11	3.8	approx. 9464	max. 8.6	max. 38	1.0	81x250

## water softeners (total hardness)



fig.	part no.	description	flow rate (l/min)	capacity (l) at 18.75°E and 30% waste	water pressure (bar)	water temperature (°C)	filter size (µm)	ø x height (mm)
1	530016	water softener CFS-6135	1.9	approx. 1350	max. 8.6	max. 38	5	92x471
2	530017	replacement filter SWC-1350	1.9	approx. 1350	max. 8.6	max. 38	5	92x471



## filter heads



fig.	part no.	description	connection	ø x height (mm)	fig.	part no.	description	connection	ø x height (mm)
1	530115	QL2 without shut-off valve	3/8" horizontal	96x80	5	530250	QL3Bi with shut-off valve and pressure gauge	3/8" vertical	180x110
2	530248	QL2B without shut-off valve	3/8" horizontal	96x80	6	530272	filter head VH3 BSPT	3/8"	120x160
3	530106	QL3 with shut-off valve	3/8" vertical	96x90	7	520218	double nipple	3/4" / 3/8"	32
4	530249	QL3B with shut-off valve	3/8" vertical	96x90					

## accessories for water softeners

### pre-filters for water softeners



fig.	part no.	description	ø x length (mm)	fig.	part no.	description	ø x length (mm)
1	530178	pre-filter 3/8"	59x58	2	530179	pre-filter 1/2"	59x58



fig.	part no.	description	ø x length (mm)	fig.	part no.	description	suitable for
1	530182	pre-filter 3/8"	180x180.5	3	530186	spare filter	530182 / 530183
1	530183	pre-filter 1/2"	180x180.5	4	530189	spare filter	530188
2	530188	pre-filter 3/4"	180x306.5	5	530187	ring spanner	

## water meters



fig.	part no.	description	fig.	part no.	description
1	530094	water meter cold water, 3/4"	2	530055	digital flowmeter