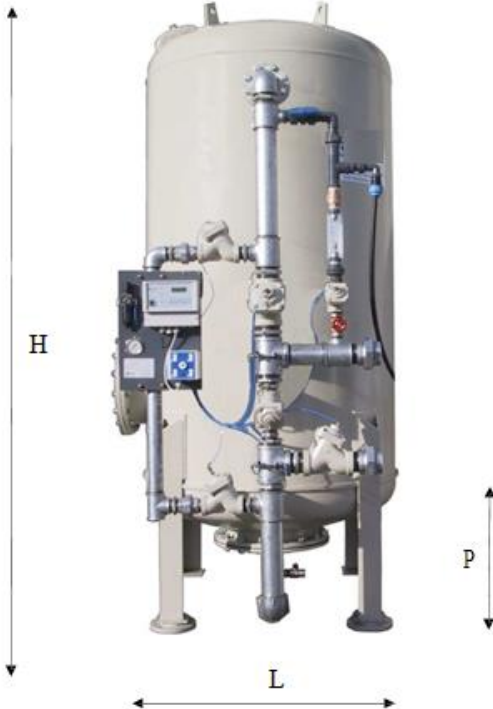


Water softener plants

Series Apura® industrial, single filter, volumetric



Main components of the plant are:

- Reservoir entirely built in food steel FE 410B painted internally with epoxy bicomponent varnish and externally with *polyurethane* bicomponent varnish RAL 7032 and is equipped with suitable easy accesses for maintenance operation and load of resins.
- Control valves in cast-iron for membrane (n.o.) equipped with necessary flow regulators.
- Pipes for interconnection of reservoir and valves in galvanized steel.
- The function of the valves is activated thanks to Hydro-pneumatic distributors managed by a control electrical panel with microprocessor logic.
- The perfect hydrodynamic functioning of the reservoir is ensured by a distribution system with diffuser nozzles removing at the same time accidental lack of resin.
- All the phases of softening and regeneration are visualized and programmable.
- The storage salt container (optional) in polyethylene. HD with a proper capacity complete with separation grill, water salt, ventilation shaft and hydraulic and floating valve.

Type	Q mc/h		Resin Lt.	Cycl m³ x	Salt Kg	Connection		Dimension			code.
	Es.*	max				In	Out	l	H	P	
ASI 800	20	40	800	4300	120	65	50	1150	2500	1000	710025
ASI 1000	25	50	1000	5400	150	80	65	1250	2800	1100	710020
ASI 1500	40	80	1500	8100	225	100	80	1450	3000	1300	710015
ASI 2000	60	120	2000	1080	300	125	100	1750	3000	1600	710010

Voltage for all the models: 230V/50 Hz – voltage for functioning 24 V/50 Hz – 10 Watt.

Performance refers to functioning of the plant with suitable pre-treatment that should follow the following parameters:

max hardness 50°F, sodium < 100 mg/l, SDI < 5, without free chlorine, iron and manganese sum of a value of max 0,5 mg/l

Temperature of the incoming water: +5 - +40°C, pressure of the incoming water min. 3, max 5 bar, flow of the exercises p = 1 bar

Es.* flow nominal



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UNI EN ISO 9001:2015
IQ-0519-05

Weight: loosely included resin

Type of pre-treatment and potential post-treatment should be chosen following each case depending on the parameters of the water that need to be treated and the field of use of the water.

Apura s.r.l. reserves the chance to make some technical variation for the dimension and weight. Suggestion regarding installation and use of our product reported on the technical data sheet are general, the customer should take in account the different subjective issues and must be installed following the regulation in force.

Apura s.r.l. is not responsible for an improper use of the product.

Serie Apura® industrial, double filter, volumetric



Main components of the plant are:

- Reservoir entirely built in food steel FE 410B painted internally with epoxy bicomponent varnish and externally with *polyurethane* bicomponent varnish RAL 7032 and is equipped with suitable easy accesses for maintenance operation and load of resins.
- Control valves in cast-iron for membrane (n.o.) equipped with necessary flow regulators.
- Pipes for interconnection of reservoir and valves in galvanized steel.
- The function of the valves is activated thanks to Hydro-pneumatic distributors managed by a control electrical panel with microprocessor logic.
- The perfect hydrodynamic functioning of the reservoir is ensured by a distribution system with diffuser nozzles removing at the same time accidental lack of resin.
- All the phases of softening and regeneration are visualized and programmable.
- The storage salt container (optional) in polyethylene. HD with a proper capacity complete with separation grill, water salt, ventilation shaft and hydraulic and floating valve.

Type	Q mc/h		Resin Lt.	Cycle m ³ x	Salt Kg	Connection		Dimension			code
	Es.*	Max				I	Out	l	H	P	
ASI 800D	20	40	2x800	4300	120	65	50	1150	2500	1000	720025
ASI 1000D	25	50	2x100	5400	150	80	65	1250	2800	1100	720020
ASI 1500D	40	80	2x150	8100	225	100	80	1450	3000	1300	720015
ASI 2000D	60	120	2x200	1080	300	125	100	1750	3000	1600	720010



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Dasa-Rägister
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Serie Apura® Single Filter

 	Softener through ion-exchange according to DM443/90 Art. 4.1. Tank in fiberglass painted, brine tank HDPE complete with grill, ventilation shaft and brine valve. Cationic resin strong for food use. Valve Autotrol Magnum with digital timer Logix complete with display. 
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Single filter series, timed 1 ½"

type	flow (m ³ /h)	Connection (")	Capacity (m ³ x °f)	Quantity of resin (l)	code.
S 150 T	4 – 7	1 ½"	750	150	710585
S 200 T	4 – 8	1 ½"	1.000	200	710580
S 250 T	4 – 9	1 ½"	1.250	250	710575
S 300 T	4 – 10	1 ½"	1.500	300	710570
S 400 T	4 – 10	1 ½"	2.000	400	710565
S 500 T	4 – 12	1 ½"	2.500	500	710560
S 600 T	4 – 14	1 ½"	3.000	600	710555
S 700 T	4 - 15	1 ½"	3.500	700	710550

Single filter series, volumetric 1 ½"

type	flow (m ³ /h)	Connection (")	Capacity (m ³ x °f)	Quantity of resin (l)	code
S 150 V	4 – 7	1 ½"	750	150	710085
S 200 V	4 – 8	1 ½"	1.000	200	710080
S 250 V	4 – 9	1 ½"	1.250	250	710075
S 300 V	4 – 10	1 ½"	1.500	300	710070
S 400 V	4 – 10	1 ½"	2.000	400	710065
S 500 V	4 – 12	1 ½"	2.500	500	710060
S 600 V	4 – 14	1 ½"	3.000	600	710055
S 700 V	4 - 15	1 ½"	3.500	700	710050

ON DEMAND ALSO CONNECTION 2", TECHNICAL DATA ARE LIKE THE 1 ½"
(SAME PRICE)



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Dasa-Rägister
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Double filter Apura® series, volumetric

	Softener through ion-exchange according to DM443/90 Art. 4.1. Tank in fiberglass painted, brine tank HDPE complete with grill, two ventilation shafts and two brine valve. Cationic resin strong for food use.		
	Type of valve for quantity of resin		
	50 - 100	150 - 200	250 - 700
	 Valve 255	 Valve 278	 Magnum

Double filter series, volumetric, PVC pipe

type	flow (m ³ /h)	Connection (“)	Capacity (m ³ x °f)	Quantity of resin (l)	code
D 50 V	1 – 2,5	1”	250	50	722555
D 75 V	1 – 2,5	1”	375	75	722550
D 100 V	1 – 2,5	1”	500	100	722545
D 150 V	1 – 4,5	1 ¼”	750	150	722540
D 175 V	1 – 4,5	1 ¼”	875	175	722535
D 200 V	1 – 4,5	1 ¼”	1.000	200	722530
D 250 V	4 – 9	2”	1.250	250	722525
D 300 V	4 – 10	2”	1.500	300	722520
D 400 V	4 – 10	2”	2.000	400	722515
D 500 V	4 – 12	2”	2.500	500	722510
D 600 V	4 – 12	2”	3.000	600	722505
D 700 V	4 – 12	2”	3.500	700	722500

Single filter Apura® series, with mixer

	Softener through ion-exchange according to DM443/90 Art. 4.1. Tank in fiberglass painted, brine tank HDPE complete with grill, ventilation shaft and brine valve. Cationic resin strong for food use.
	Valve Autotrol 255 with digital timer Logix complete with display. Included: mixer for residual hardness and disinfection of resin. 



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Single filter series, timed, with mixer

type	flow (m ³ /h)	Connection (“)	Capacity (m ³ x °f)	Quantity of resin (l)	code
S 10 T	1 – 1,5	¾”	50	10	710750
S 15 T	1 – 1,5	¾”	75	15	710745
S 20 T	1 – 1,5	¾”	100	20	710740
S 25 T	1 – 1,8	1“	125	25	710735
S 30 T	1 – 1,8	1“	150	30	710730
S 40 T	1 – 2	1“	200	40	710725
S 50 T	1 – 2	1“	250	50	710720
S 60 T	1 – 2	1“	300	60	710715
S 75 T	1 – 2	1“	375	75	710710
S 100 T	1 – 2	1“	500	100	710705
S 125 T	1 - 2	1“	625	125	710700

Single filter series, volumetric, with mixer

type	flow (m ³ /h)	Connection (“)	Capacity (m ³ x °f)	Quantity of resin (l)	code.
S 10 V	1 – 1,5	¾”	50	10	710150
S 15 V	1 – 1,5	¾”	75	15	710145
S 20 V	1 – 1,5	¾”	100	20	710140
S 25 V	1 – 1,8	1“	125	25	710135
S 30 V	1 – 1,8	1“	150	30	710130
S 40 V	1 – 2	1“	200	40	710125
S 50 V	1 – 2	1“	250	50	710120
S 60 V	1 – 2	1“	300	60	710115
S 75 V	1 – 2	1“	375	75	710110
S 100 V	1 – 2	1“	500	100	710105
S 125 V	1 - 2	1“	625	125	710100

Series with cab and mixer



Softener through ion-exchange according to DM443/90 Art.4.1.
Tank in fiberglass painted, brine tank HDPE complete with grill, ventilation shaft and brine valve.
Dimension: 320 x 500 x 140 (l x p x h)
Cationic resin strong for food use.
Valve Autotrol 255 with digital timer Logix complete with display.
Included: mixer for residual hardness and disinfection of resin.



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Single filter series, timed, with mixer

type	flow (m ³ /h)	Connection (“)	Capacity (m ³ x °f)	Quantity of resin (l)	code
K 7 T	1 – 1,5	¾”	35	7	711030
K 10 T	1 – 1,5	¾”	50	10	711025
K 14 T	1 – 1,8	1”	70	14	711020
K 20 T	1 – 1,8	1”	100	20	711015
K 25 T	1 – 2	1“	125	25	711010
K 30 T	1 – 2	1“	150	30	711005

Single filter series, volumetric, with mixer

type	Flow (m ³ /h)	Connection (“)	Capacity (m ³ x °f)	Quantity of resin (l)	code
K 7 V	1 – 1,5	¾”	35	7	720585
K 10 V	1 – 1,5	¾”	50	10	720580
K 14 V	1 – 1,8	1”	70	14	720575
K 20 V	1 – 1,8	1”	100	20	720570
K 25 V	1 – 2	1“	125	25	720565
K 30 V	1 – 2	1“	150	30	720560

We reserve technical changes

Version 03/2018