

advanced
water
solutions



WATER TREATMENT CHEMICALS

JURBY WATERTech INTERNATIONAL

Established in 1992 Jurby WaterTech International (London, UK) has successfully expanded into a group of companies to research, design and produce their own lines of chemical products JurbySoft[®], equipment and technologies AquaHard[®] and JurbyFlow[®] for water treatment, salt tablets JurbySalt[®], composite pressure tanks AquaShell[®] and vessels ROShell[®] for membrane technologies.

Jurby WaterTech International is constantly developing and improving technologies and provide clients worldwide with the most effective water treatment solutions.

Customers care and quality assurance

Throughout our organization everyone is fully aware of the importance of quality and customer satisfaction. Our quality management system is set out according to ISO 9001:2000 registered by the company KEMA Quality B.V. – the member of the international certification network IQNet. Our success is based on our high standards ensuring quality products and customer care.

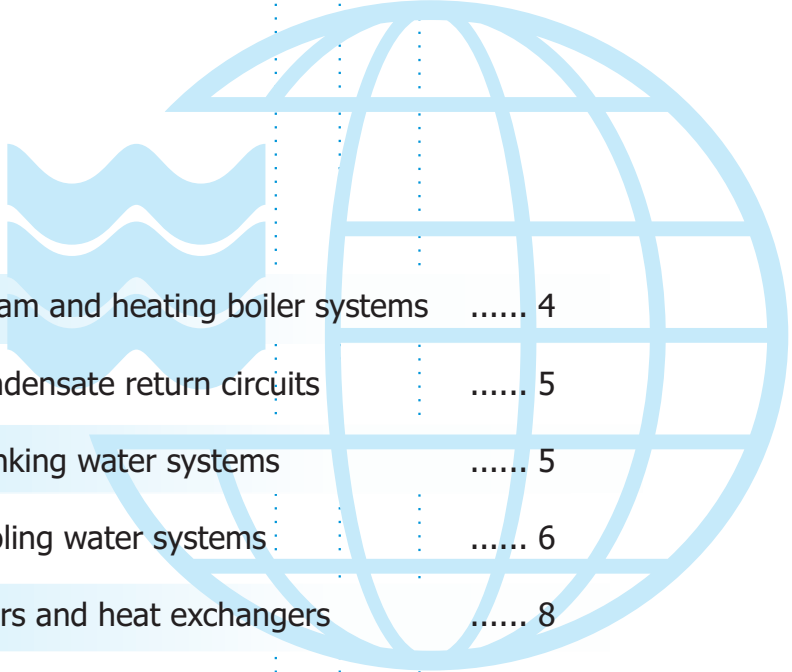


Company's clients come from various industries, such as:

- Thermal and nuclear power
- Oil and gas refineries
- Chemical
- Metallurgy
- Fertilizers
- Textiles
- Food
- Pharmaceutical
- Agriculture
- Beverages
- Municipal water
- Hotels and restaurants

This brochure was specially designed to bring our customers a short overview of JurbySoft[®] chemicals

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JurbySoft®

STEAM AND HEATING BOILER SYSTEMS

PRODUCT NAME	DESCRIPTION	ACTIVE CHEMICAL COMPONENTS	APPLICATION / ADVANTAGES	REMARKS	DOSAGE	CONTROL	PACKING
JurbySoft 1	Alkalinity builder	- alkali	- increases water alkalinity - neutralises sewage after acid cleaning	- for industrial water treatment, not for drinking water systems - compatible with other JurbySoft products	Depends on required water pH and alkalinity	- alkalinity and pH at required levels	20 l (24 kg) 60 l (72 kg) 200 l (240 kg) plastic drums
JurbySoft 3	Scale inhibitor for sterilisers	- organic and inorganic phosphates - dispersants - lignins	- excellent scale inhibitor for sterilisers with hard water and water of medium hardness	- compatible with chlorination - active up to 150°C and 20 Atm	30-80 g/m ³ depending on water hardness	- PO ₄ – 2-5 mg/l	20 l (21 kg) 60 l (62 kg) 200 l (210 kg) plastic drums
JurbySoft 6	Scale & corrosion inhibitor	- polyphosphates - dispersants - antifoam - lignins	- transforms mineral salts into softened, non-adherent sludges - provides dispersant properties - prevents corrosion - prevents scale formation	- max. boiler water temperature 300°C - max. boiler pressure 40 Atm - FDA approved components - compatible with other JurbySoft products	Depends on water hardness and required level of PO ₄ . Dosage range is 30-100 mg/l	- PO ₄ – 30-60 mg/l in boiler water - other parameters as per boiler's manual	20 l (22 kg) 60 l (65 kg) 200 l (215 kg) plastic drums
JurbySoft 9	Multipurpose scale & corrosion inhibitor for heating systems	- organic and inorganic phosphates - alkali - lignins - tannins - dispersants	- neutralises carbonic acid - creates protective film - softens water - reacts with dissolved oxygen - accelerates cleaning process	- for soft water and medium hardness water - active up to 180°C	30-200 g/m ³ depending on water hardness	- pH control - PO ₄ – 2-5 mg/l - other parameters as per boiler's manual	20 l (23 kg) 60 l (68 kg) 200 l (230 kg) plastic drums
JurbySoft 10	Scale inhibitor	- alkali - dispersants - tannins	- prevents scale formation - provides dispersant properties - increases alkalinity - neutralises carbonic acid	- for industrial heating systems and boilers of medium and high pressure	Depends on water hardness and CO ₂ amount	- pH control - other parameters as per boiler's manual	20 l (24 kg) 60 l (72 kg) 200 l (240 kg) plastic drums
JurbySoft 12	Multipurpose scale & corrosion inhibitor	- polyphosphates - dispersants - lignins - antifoam - oxygen scavengers	- reacts with dissolved oxygen up to 0.5 mg/l - neutralises carbonic acid - provides dispersant properties - forms magnetite film - prevents scale formation	- max. working temperature 270°C - max. boiler pressure 40 Atm - FDA approved components	Depends on water hardness, dissolved oxygen and required levels of PO ₄ and SO ₃ . Dosage range is 50-100 mg/l	- PO ₄ – 30-60 mg/l in boiler water - SO ₃ – 20-40 mg/l in boiler water - other parameters as per boiler's manual	20 l (22 kg) 60 l (66 kg) 200 l (219 kg) plastic drums
JurbySoft 12-06	Scale & corrosion inhibitor	- organic compounds of phosphates - polymers	- is used for passivation of steam boilers' feed lines - inhibits corrosion processes - forms protective film	- disperses ferrous deposits - for decarbonised and demineralised water	5-30 g/m ³	- as per boiler's manual	20 l (23 kg) 60 l (70 kg) 200 l (246 kg) plastic drums
JurbySoft 14	Multipurpose scale & corrosion inhibitor	- polyphosphates - dispersants - polyacrylates - antifoam - oxygen scavengers	- reacts with dissolved oxygen up to 0.75 mg/l - neutralises carbonic acid - provides dispersant properties - forms magnetite film - prevents scale formation	- max. working temperature 270°C - max. boiler pressure 40 Atm - FDA approved components	Depends on water hardness, dissolved oxygen and required levels of PO ₄ and SO ₃ . Dosage range is 50-100 mg/l	- PO ₄ – 30-60 mg/l in boiler water - SO ₃ – 20-40 mg/l in boiler water - other parameters as per boiler's manual	20 l (24 kg) 60 l (70 kg) 200 l (240 kg) plastic drums
JurbySoft 24	Oxygen scavenger	- catalysed bisulphite	- quickly reacts with dissolved oxygen	- max. working temperature 270°C - max. boiler pressure 40 Atm - FDA approved components	Depends on amount of dissolved oxygen in feed water. Dosage range is 30 - 100 mg/l	- SO ₃ – 20-40 mg/l in boiler water - other parameters as per boiler's manual	20 l (25 kg) 60 l (74 kg) 200 l (245 kg) plastic drums
JurbySoft 25	Oxygen scavenger & scale inhibitor	- oxygen scavenger - phosphates - dispersants - lignins	- for low and medium pressure steam boilers where deaeration is not available - accelerates cleaning processes - reacts with dissolved oxygen - neutralises carbonic acid	- max. working temperature up to 270°C - maximal pressure 40 Atm - FDA approved components	30-100 g/m ³ depending on the quantity of dissolved oxygen	- SO ₃ – 20-40 mg/l - PO ₄ 10-15 mg/l in boiler water - other parameters as per boiler's manual	20 l (24 kg) 60 l (72 kg) 200 l (240 kg) plastic drums

CONDENSATE RETURN CIRCUITS

PRODUCT NAME	DESCRIPTION	ACTIVE CHEMICAL COMPONENTS	APPLICATION / ADVANTAGES	REMARKS	DOSAGE	CONTROL	PACKING
JurbySoft 32	Inhibitor of carbonic acid corrosion	- neutralising amines	- protects condensate return lines from corrosion - does not increase salinity - is non corrosive to copper and copper alloys	- for condensate lines up to 500 m, steam temperature up to 350°C, boiler pressure 40 Atm	Depends on CO ₂ amount in condensate. Dosage range is 5-60 mg/l	- pH in condensate 8.5-9.0	20 l (20 kg) 60 l (58 kg) 200 l (200 kg) plastic drums
JurbySoft 34	Inhibitor of carbonic acid corrosion	- neutralising amines	- protects condensate return lines from corrosion - does not increase salinity - is non corrosive to copper and copper alloys	- for condensate lines up to 2000 m, steam temperature up to 350°C, boiler pressure 40 Atm	Depends on CO ₂ amount in condensate. Dosage range is 5-60 mg/l	- pH in condensate 8.5-9.0	20 l (20 kg) 60 l (59 kg) 200 l (200 kg) plastic drums
JurbySoft 36	Inhibitor of carbonic acid corrosion	- neutralising amines	- protects condensate return lines from corrosion - does not increase salinity - is non corrosive to copper and copper alloys	- for condensate lines up to 2000 m, steam temperature up to 350°C, boiler pressure 40 Atm - FDA approved components (except dairies)	Depends on CO ₂ amount in condensate. Maximum dosage for food industry is 45 mg/l	- pH in condensate 8.5-9.0	20 l (20 kg) 60 l (58 kg) 200 l (200 kg) plastic drums
JurbySoft 37	Corrosion inhibitor	- film forming amines	- protects condensate return lines from corrosion by forming hydrophobic film - does not increase salinity	- can be used for boilers and condensate lines conservation - prevents corrosion	Depends on the surfaces pollution. Dosage range is 10-50 mg/l	- pH in condensate 7.8-8.0	20 l (20 kg) 60 l (54 kg) 200 l (200 kg) plastic drums

DRINKING WATER SYSTEMS

PRODUCT NAME	DESCRIPTION	ACTIVE CHEMICAL COMPONENTS	APPLICATION / ADVANTAGES	REMARKS	DOSAGE	CONTROL	PACKING
JurbySoft 90-10	Scale & corrosion inhibitor for hot water lines	- phosphates - silicates	- prevents precipitation and scale formation - passivates metal surfaces	- FDA approved components	Max. dosage in drinking water is 100 mg/l	- PO ₄ – 5 mg/l - SiO ₂ – 10 mg/l	20 l (22 kg) 60 l (66 kg) 200 l (219 kg) plastic drums

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GRINDING AID

PRODUCT NAME	DESCRIPTION	ACTIVE CHEMICAL COMPONENTS	APPLICATION / ADVANTAGES	REMARKS	DOSAGE	CONTROL	PACKING
JurbySoft HC3 Plus	Grinding aid	- triethanolamine	- reduces energy consumption - increases productivity - improves cement performance and flow characteristics - prevents agglomeration and mill internal coating	- used for dry grinding of most hard materials - compatible with all types of concrete admixtures	150-350 g/ton	- keep required characteristics of cement	1000 kg container

COOLING WATER SYSTEMS

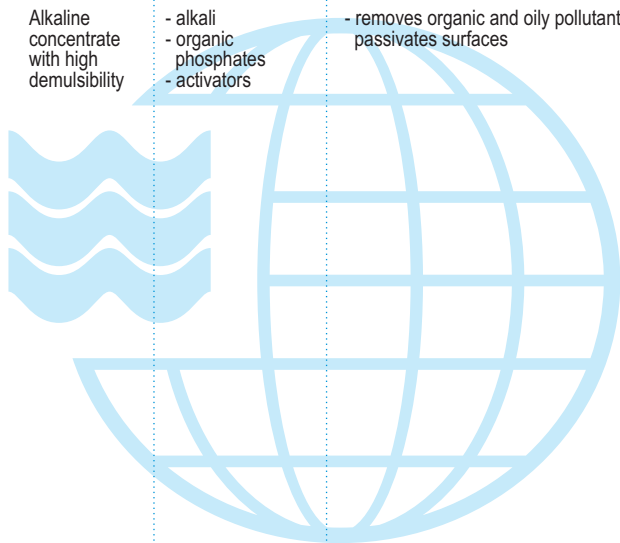
PRODUCT NAME	DESCRIPTION	ACTIVE CHEMICAL COMPONENTS	APPLICATION / ADVANTAGES	REMARKS	DOSAGE	CONTROL	PACKING
JurbySoft 2	Alkalinity builder	- potassium hydroxide	- increases water alkalinity - neutralises sewage after acid cleaning	- for industrial water treatment, not for drinking water systems - compatible with other JurbySoft products	Depends on required water pH and alkalinity	- alkalinity and pH at required levels	20 l (24 kg) 60 l (72 kg) 200 l (240 kg) plastic drums
JurbySoft 80	Scale & corrosion inhibitor	- phosphonates - complexes of zinc - dispersants - inhibitors	- prevents scale formation - prevents corrosion - provides dispersant properties	- stable at 80°C - for hard water (up to 10 meq/l; alkalinity up to 6 meq/l) - for opened and closed recirculating systems	30-120 mg/l	- Zn – 3-4 mg/l - PO ₄ – 3-7 mg/l - Ryznar index – 4.0-6.5 - pH – 7.8-8.5	20 l (22 kg) 60 l (68 kg) 200 l (230 kg) plastic drums
JurbySoft 81	Scale & corrosion inhibitor	- organic phosphates - dispersants	- for the systems with various alloys of ferrous metals - inhibits processes of galvanic corrosion and forms protective film on all types of the metals	- for soft water and medium hardness water	100-300 mg/l	- pH – 8.5-9.0 - PO ₄ – 2-7 mg/l	20 l (24 kg) 60 l (72 kg) 200 l (240 kg) plastic drums
JurbySoft 83	Scale & corrosion inhibitor	- polyphosphates - phosphonates - dispersants	- prevents scale formation - provides dispersant properties - provides corrosion inhibitor properties for medium hardness water	- stable at 80°C - for hard water (up to 10 meq/l; alkalinity up to 6 meq/l) - for opened recirculating systems	30-120 mg/l	- PO ₄ – 3-7 mg/l - Ryznar index – 4.0-6.5 - pH – 7.8-8.5	20 l (24 kg) 60 l (72 kg) 200 l (240 kg) plastic drums
JurbySoft 83b	Scale & corrosion inhibitor	- polyphosphates - phosphonates - dispersants	- prevents scale forming - acts as dispersant and corrosion inhibitor for medium hardness water	- stable at 80°C - compatible with chlorination - for opened recirculated cooling systems	30-120 mg/l	- PO ₄ – 3-7 mg/l - Ryznar index not less than 4	20 l (22 kg) 60 l (70 kg) 200 l (230 kg) plastic drums
JurbySoft 83c	Scale & corrosion inhibitor	- phosphonates - polyphosphates - dispersants	- prevents scale forming - acts as dispersant and scale inhibitor for medium hardness water	- stable at 80°C - compatible with chlorination and bromination - for hard water up to 10 meq/l - for opened recirculated cooling systems	30-120 mg/l	- PO ₄ – 3-7 mg/l - Ryznar index not less than 4	20 l (22 kg) 60 l (70 kg) 200 l (230 kg) plastic drums
JurbySoft 84	Scale & corrosion inhibitor	- phosphonates - polyphosphates - silicates - dispersants	- prevents scale forming - acts as dispersant and corrosion inhibitor	- stable at 80°C - for small cooling recirculating and conditioning systems with soft water	30-120 mg/l	- PO ₄ – 3-7 mg/l - SiO ₂ – 5-10 mg/l	20 l (23 kg) 60 l (68 kg) 200 l (230 kg) plastic drums
JurbySoft 85	Scale & corrosion inhibitor	- dispersants - organic and inorganic phosphates - corrosion inhibitors	- prevents scale forming - acts as dispersant and corrosion inhibitor	- for opened recirculated cooling systems with softened or decarbonised water	80-120 mg/l	- org. PO ₄ – 2-3 mg/l	20 l (21 kg) 60 l (64 kg) 200 l (215 kg) plastic drums
JurbySoft 88-5	Scale & corrosion inhibitor	- phosphono-carboxylate - polymers - dispersants - corrosion inhibitor	- prevents scale formation - provides dispersant properties - provides corrosion inhibitor properties for hard water	- stable at 120°C - for very hard water (up to 16 meq/l) - can be used with oxidising biocides - for opened and closed recirculating systems	30-120 mg/l	- Langerier index 3.0-6.5	20 l (23 kg) 60 l (72 kg) 200 l (240 kg) plastic drums
JurbySoft 95	Biodispersant	- dispersants - surfactants	- provides biodispersant properties - compatible with all JurbySoft microbiocides	- stable to high temperatures and oxidising biocides - destroys biological film	2-20 mg/l	- keep parameters at recommended levels	20 l (22 kg) 60 l (65 kg) 200 l (217 kg) plastic drums
JurbySoft 99	Scale & fouling inhibitor	- dispersants - polymers	- provides dispersant properties - prevents scale formation - compatible with other JurbySoft chemicals	- stable to high temperatures and oxidising biocides - for water with high level of suspended solids	2-20 mg/l	- keep parameters at recommended levels	20 l (22 kg) 60 l (65 kg) 200 l (217 kg) plastic drums
JurbySoft 73	Corrosion inhibitor	- complex on the basis of nitrites	- prevents corrosion - forms protective film	- stable at 80°C - compatible with alcohol antifreeze - most effective at pH 8-9 for closed recirculating systems	5000-7000 mg/l	- NO ₂ – 500 mg/l - pH – 8.5 max	20 l (23 kg) 60 l (70 kg) 200 l (230 kg) plastic drums

COOLING WATER SYSTEMS

PRODUCT NAME	DESCRIPTION	ACTIVE CHEMICAL COMPONENTS	APPLICATION / ADVANTAGES	REMARKS	DOSAGE	CONTROL	PACKING
JurbySoft 74	Corrosion inhibitor	- compounds of nitrites and borates - dispersants	- inhibits corrosion processes in closed systems - forms protective film on the surfaces of any alloy	- stable at 95°C - for soft and demineralised water - compatible with antifreeze	7000-10000 mg/l	- pH – 7.0-8.5 - NO ₂ – 500 mg/l	20 l (21 kg) 60 l (66 kg) 200 l (220 kg) plastic drums
JurbySoft 75	Corrosion inhibitor	- complex on the basis of chromates	- prevents corrosion - forms protective film	- stable at 95°C - most effective at pH 8-9 - for closed recirculating systems - compatible with calcium chloride and antifreeze	5000-10000 mg/l	- CrO ₄ – 300 mg/l - pH – 7.0-8.5 max	20 l (24 kg) 60 l (71 kg) 200 l (240 kg) plastic drums
JurbySoft 527	Corrosion inhibitor	- compounds of molybdates - dispersants	- prevents corrosion - suitable for closed recirculating systems	- stable at 101°C - for soft and demineralised water	5000-7000 mg/l	- Mo – 500 mg/l - pH – 8.5 max	20 l (23 kg) 60 l (70 kg) 200 l (240 kg) plastic drums
JurbySoft 527-1	Scale & corrosion inhibitor	- compounds of phosphates and molybdates - dispersants	- works as scale and corrosion inhibitor for closed systems - forms protective film	- stable at 101°C - for the systems with soft and medium hardness water	5000-7000 mg/l	- Mo – 500 mg/l - pH – 8.5 max	20 l (23 kg) 60 l (70 kg) 200 l (240 kg) plastic drums
JurbySoft 61	Oxidising microbiocide	- stabilised sodium hypochlorite	- controls growth of bacteria, algae, fungi - wide spectrum of action - effective at pH 6-7.5	- compatible with inhibitors resistant to oxidising biocides - for opened and closed recirculating systems	20-80 mg/l	- Cl ₂ – 0.3-0.5 mg/l in circulating water - bacteriological control: 10 ³ -10 ⁵ units/ml	20 l (35 kg) 200 l (287 kg) plastic drums
JurbySoft 63	Microbiocide	- quaternary polyammonium salts - dispersants - antifoam	- controls growth of bacteria, algae, fungi - wide spectrum of action - provides biodispersant properties	- does not react with metals, rubber - compatible with other chemicals used for cooling water treatment	20-80 mg/l	- bacteriological control: 10 ³ - 10 ⁵ units/ml	20 l (20 kg) 60 l (59 kg) 200 l (200 kg) plastic drums
JurbySoft 67	Microbiocide	- isothiazolines - dispersants	- controls growth of bacteria, algae, fungi - wide spectrum of action - provides biodispersant properties - soluble in many organic solvents	- does not react with metals, rubber - compatible with other chemicals used for cooling water treatment	20-80 mg/l	- bacteriological control: 10 ³ - 10 ⁵ units/ml	20 l (20 kg) 60 l (59 kg) 200 l (200 kg) plastic drums
JurbySoft 60BG	Microbiocide	- compounds of guanidine's salts	- provides biocidal, fungicidal and algaecidal properties	- effective at low concentrations and in the wide range of pH - not volatile	20-80 mg/l	- bacteriological control: 10 ³ - 10 ⁵ units/ml	20 l (20 kg) 60 l (60 kg) 200 l (200 kg) plastic drums
JurbySoft DB	Microbiocide	- liquid organic compounds of bromine	- provides biocidal, fungicidal and algaecidal properties	- destroys and removes biofilm - quickly biodegradable	10-50 mg/l	- bacteriological control: 10 ³ - 10 ⁵ units/ml	20 l (20 kg) 60 l (60 kg) 200 l (200 kg) plastic drums
JurbySoft 690	Microbiocide	- THPS	- controls growth of bacteria, algae, fungi - wide spectrum of action - provides biodispersant properties - effective against <i>Legionella</i>	- quickly biodegradable - compatible with other chemicals used for cooling water treatment	40-100 mg/l	- bacteriological control: 10 ³ - 10 ⁵ units/ml	20 l (23 kg) 60 l (69 kg) 200 l (232 kg) plastic drums
JurbySoft RWT	Tablet form oxidising microbiocide	- stabilised compounds of bromine and chlorine	- controls growth of bacteria, algae, fungi and mollusks	- effective in alkaline water (pH up to 9) - no odour	0.5-1.5 mg/l	- Br ₂ – 0.1-0.3 mg/l - bacteriological control: 10 ³ - 10 ⁵ units/ml	23 kg drums
JurbySoft RWG	Granule from oxidising microbiocide	- stabilised compounds of bromine and chlorine	- controls growth of bacteria, algae, fungi and mollusks	- effective in alkaline water (pH up to 9) - no odour	0.5-1.5 mg/l	- Br ₂ – 0.1-0.3 mg/l - bacteriological control: 10 ³ - 10 ⁵ units/ml	23 kg drums

CLEANERS FOR BOILERS AND HEAT EXCHANGERS

PRODUCT NAME	DESCRIPTION	ACTIVE CHEMICAL COMPONENTS	APPLICATION / ADVANTAGES	REMARKS	DIRECTIONS FOR USE	PACKING
JurbySoft A3	Additive for acid cleaners	- corrosion inhibitors - dispersants - activators	- mixed with HCl removes carbonate, ferric and mixed deposits from steel surfaces, protects against HCl attack - cleans high polluted surfaces	- for steam and heating boilers, heat exchanging equipment cleaning - effectiveness is increased after heating up to 50°C	- mix with HCl 5-6% solution (1:100) - cleaning time depends on scale deposits and cleaning solution pH (2 - 24 hours)	5 l (5 kg) 10 l (10 kg) 20 l (22 kg) plastic drums
JurbySoft DS1	Inhibited concentrate for acid cleaning	- inhibited hydrochloric acid - activators - dispersants	- removes carbonate and ferric deposits from steel, copper and aluminium surfaces, protects against HCl attack	- for steam and heating boilers, heat exchanging equipment cleaning - effectiveness is increased after heating up to 50°C	- mix with water (1:5 - 1:10) - cleaning time depends on scale deposits and cleaning solution pH (2 - 24 hours)	20 l (22 kg) 60 l (65 kg) 200 l (220 kg) plastic drums
JurbySoft DS2	Inhibited concentrate for weak acid cleaning	- inhibited organic and weak inorganic acids - dispersants - activators	- cleans stainless steel and non-ferrous metal surfaces not resistant to HCl - prevents corrosion - environment friendly	- for pipelines of heating and cooling systems cleaning - effectiveness is increased after heating up to 50°C	- mix with water (1:5 - 1:10) - cleaning time depends on scale deposits and cleaning solution pH (2 - 24 hours)	20 l (22 kg) 60 l (64 kg) 200 l (215 kg) plastic drums
JurbySoft DS2N	Neutral concentrate for cleaning	- inhibited organic acids - dispersants - activators	- removes ferrous deposits and oil residue - for precommission cleaning	- for pipelines and heat exchangers in heating and cooling recirculating systems cleaning - effectiveness is increased after heating up to 50°C	- mixed with water (1:10 - 1:15) - duration of circulation up to 24 hours	20 l (23 kg) 60 l (69 kg) 200 l (230 kg) plastic drums
JurbySoft DGS2	Alkaline concentrate for equipment cleaning and passivation	- concentrate on the base of phosphates - activators - dispersants	- passivates surfaces and removes organic and soft-carbonate deposits	- cleans and lixivates heat exchangers - can be used as pre-commission cleaner	- mix with water (1:5 - 1:10) - cleaning time: 2 - 4 hours - for aluminium and zinc surfaces cleaning solution pH < 9	20 l (22 kg) 60 l (66 kg) 200 l (220 kg) plastic drums
JurbySoft DG1	Alkaline concentrate with high demulsibility	- alkali - organic phosphates - activators	- removes organic and oily pollutants, passivates surfaces	- removes oil products influenced by high temperature	- mix with water (1:5 - 1:10) - cleaning time: 1 - 3 hours - for aluminium and zinc surfaces cleaning solution pH < 9	20 l (22 kg) 60 l (66 kg) 200 l (220 kg) plastic drums

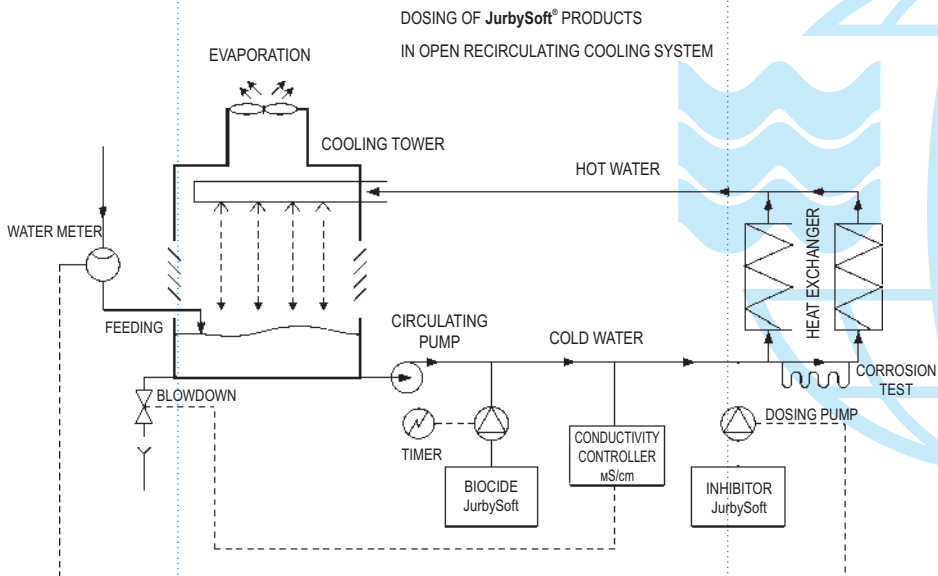


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JurbySoft®

Cooling systems

Principle scheme



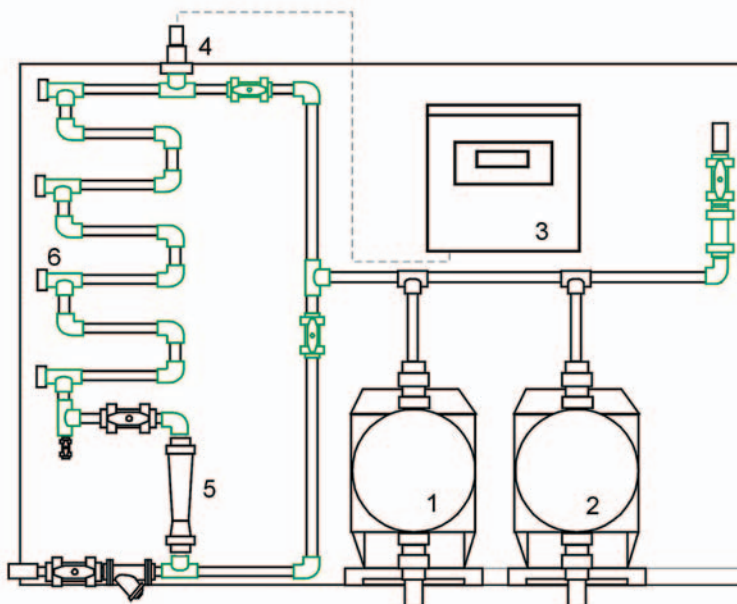
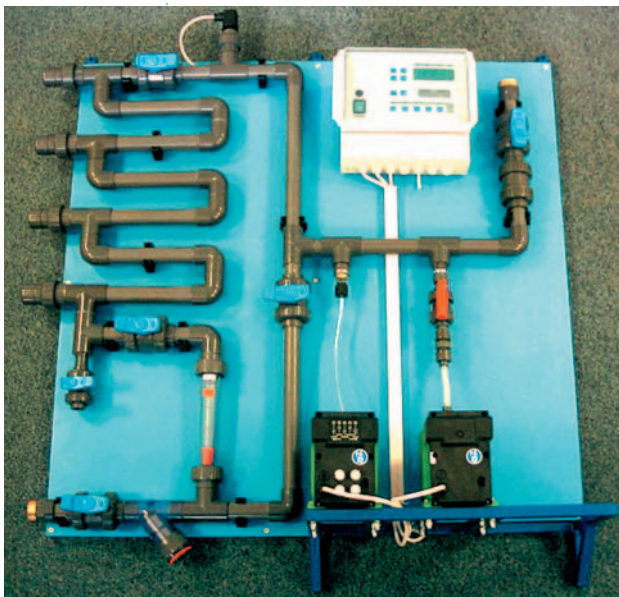
JurbySoft® products prevent problems such as scale, corrosion, biofouling and others that often occur in cooling recirculating systems.

Dosing stations AquaDos® are used to ensure that JurbySoft® products are fed proportionally as it is very important while keeping salinity at required levels.

In addition dosing station can include solenoid blowdown valve, impulse water meter and equipment for detection of corrosion rate.

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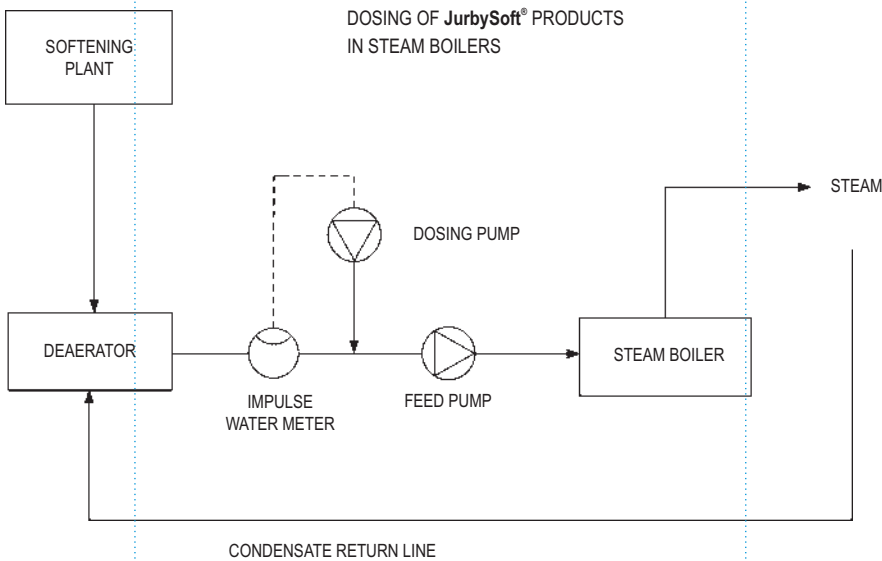
Dosing station AquaDos®



1	DOSING PUMP FOR INHIBITOR
2	DOSING PUMP FOR BIOCIDES
3	ELECTRICITY BOX
4	ELECTRODE FOR CONDUCTIVITY MEASUREMENT
5	FLOW METER
6	RACK OF COUPONS FOR CORROSION SPEED MEASUREMENT

Steam boilers

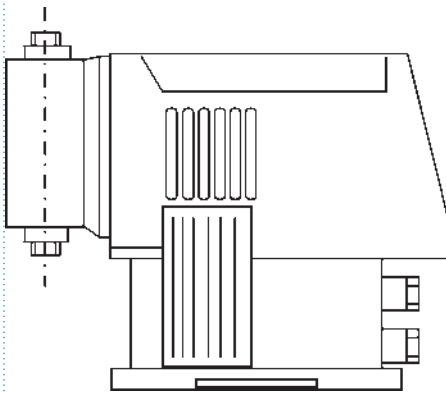
Principle scheme



JurbySoft® program prevents problems such as corrosion, scale, fouling and others that often occur in steam boilers.

Dosing pumps series Primus 208

Diaphragm dosing pumps series Primus 208 are driven by a synchronous motor with reducing gear. They are suitable for mounting to horizontal and vertical surfaces.

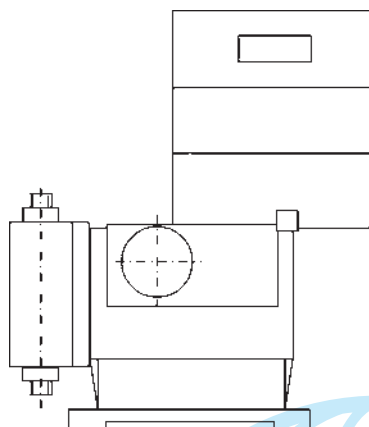


TECHNICAL DATA Diaphragm dosing pumps Series Primus 208

Type	V stroke (cm ³)	l/h	bar	n/min
208 - 0.3	0.04	0.3	10	121
208 - 1.0	0.14	1	16	121
208 - 1.6	0.22	1.6	16	121
208 - 3.0	0.42	2.9	10	121
208 - 3.6	0.50	3.6	16	121
208 - 5.0	0.69	5	6	121
208 - 6.0	0.84	6	8	121
208 - 9.0	1.24	9	6	121
208 - 14	1.92	14	4	121

Types:
 E20 - switchable to contact input with multiplier and divisor
 E26 - contact input with multiplier and divisor; current signal control 0/4 – 20mA with spreading of the current input signal

Dosing pumps series Primus 221



TECHNICAL DATA

Diaphragm dosing pumps Series Primus 221

Type	V stroke (cm ³)	l/h	bar	n/min
221 - 4	2.2	4	10	29
221 - 7	3.8	7	10	29
221 - 9	4.9	9	10	29
221 - 12	6.9	12	10	29
221 - 17	10.4	17	4	29
221 - 25	16	25	3	29
221 - 8	2.2	8	10	63
221 - 14	3.8	14	10	63
221 - 18	4.9	18	10	63
221 - 26	6.9	26	10	63
221 - 39	10.4	39	4	63
221 - 60	16	60	3	63
221 - 16	2.2	16	10	120
221 - 27	3.8	27	10	120
221 - 35	4.9	35	10	120
221 - 50	6.9	50	10	120
221 - 75	10.4	75	4	120
221 - 115	16	115	3	120

Diaphragm dosing pumps series Primus 221 are reciprocating displacement pumps with mechanical diaphragm control.

Types:

E20 - switchable to contact input with multiplier and divisor

E26 - contact input with multiplier and divisor; current signal control 0/4 – 20mA with spreading of the current input signal

JURBY

Impulse water meter

WATERTEC

Type	Diameter, mm	Qnom., m ³ /h	Qmax., m ³ /h
ETWI 90°C	15	1,5	3
ETWI 90°C	20	2,5	5
MTWI 90°C	25	3,5	7
MTWI 90°C	32	6,0	12
MTWI 90°C	40	10,0	20
MTWI 130°C	50	15,0	30
WS-XKA 130°C	65	25,0	60
WS-XKA 130°C	80	40,0	85
WS-XKA 130°C	100	60,0	125
WS-XKA 130°C	125	100,0	200
WS-XKA 130°C	150	150,0	300



Offices
and service
centres

**JURBY
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