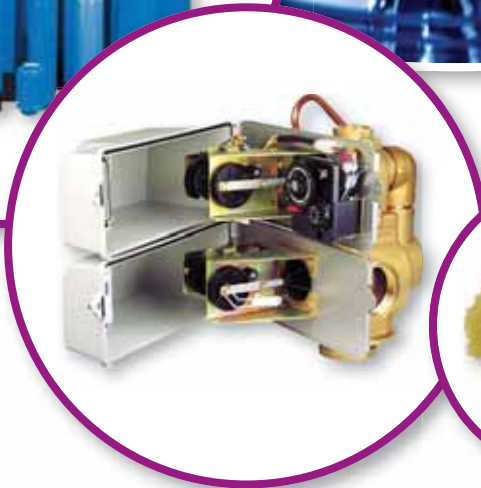


water treatment components



VATN
ДЭЗИНФЕКЦЫЯ
MAM
水 TÂY UẾ
ΦΙΛΤΡΙΡΑΝΗ
DESINFECCIÓN
ΔΙΗΘΗΣΗ
DJOUR
BAĐA
FILTRACIÓN
VÍZ
WODA
DESINFEKTION
AMA
AIGUA
WATER
AVSALTNING
AGUA
वलिवणीकरण
VATTEN
ACQUA
VANDUO
MÁA
FILTRASIE
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ENTSALZUNG
WASSER
FILTRACE
PAGSASALA
AKVO
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AMAZI
DEZINFEKCE
FILTROWANIE
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Clean Water Group

About us

CWG Group, with its own companies in more than 20 countries and distributors in more than 50 countries worldwide, is one of the largest European distributors of water treatment systems, components and chemicals.

We coordinate worldwide recognised manufacturers of water treatment equipment and chemicals in order to offer you full service including engineering, components, chemicals and water treatment systems, installation and technical support according to your specific demands and within the range of estimated budget.

Based on our technical skills and expertise we are able to upgrade and optimize existing water treatment systems and that is also a benefit of having us as your partner. We can provide the most efficient solutions based on modern technologies for the treatment of boiler water, cooling systems, processing industry, drinking water and pool&spa.

Our experience and equipment provide reliability, short-term delivery terms and competitive prices.

Our vision

As a regional leader in water treatment business we strive to strengthen our position and expand our range of products. Therefore, our clients can get total package of the equipment and services just by contacting us.

Our goal

Implementation of modern technologies and the latest features in the field of water treatment and providing the best possible and environmentally friendly solutions for commercial, industrial and municipal applications.

In this manner our clients can improve their own business by getting water of the highest quality with reasonable investments and low maintenance costs.



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Ion Exchange Resin & Filtration Media



- Pure Resin PC002
- Pure Resin PC003
- Pure Resin PC003 UN-NA
 - Pure Resin PC100NA
 - Pure Resin PC100H
 - Pure Resin PC200FD
 - Pure Resin PA103OH
- Pure Resin PA201 (CL)
 - Pure Resin PA300
 - Pure Resin PA202
- Pure Resin PMB101-2
 - Pure Resin PS400
 - Greensand plus
 - MTM
 - BIRM
 - Pyrolusite
 - Activated carbon
 - Anthracite
- Filter sand and gravel
 - Calcite
 - Filter AG
- GFH (Granular Ferric Hydroxide)
 - Ecomix

Pure Resin PC002

SAC - Strong Acid Cation Exchange Resin



- Gel Strong Acid Cation Exchange Resin;
- light coloured;
- gel type sulfonated polystyrene cation resin supplied in the sodium form as moist, tough uniform spherical beads.
- well suited for industrial, commercial or residential softening applications where free chlorine is not present because of its high capacity and good physical stability.
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- NSF/ANSI 44&61 certified.

REF	MODEL
400100	Pure Resin PC002 - (25 lit bag)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Polystyrene crosslinked with 7% DVB
Functional Group	R-(SO ₃) ⁻ M ⁺
Ionic Form, as shipped	Sodium (Na ⁺)
Physical Form and Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range --- U.S. Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention, Na ⁺ form	45 ÷ 50%
Swelling Na ⁺ → H ⁺	10% max.
Ca ²⁺ → Na ⁺	5% max.
Shipping Weight, Na ⁺ form	770 ÷ 870 g/l (50 lbs/cu.ft, approx.)
Total Exchange Capacity, Na ⁺ form	1,9 eq/l min.
pH Range	0 ÷ 14

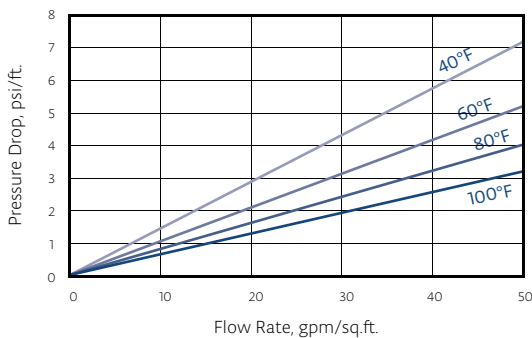
Pure Resin PC002



SUGGESTED OPERATING CONDITIONS	
Maximum Temperature	
Na ⁺ form	120°C (248°F) max.
H ⁺ form	100°C (212°F) max.
Minimum Bed Depth	0,6 m (24 inches)
Backwash Rate	50 ÷ 75% bed expansion
Regeneration	
Regenerant Concentration	8 ÷ 20% NaCl or saturated salt water
Flow Rate	2 ÷ 4 BV/h (0,25 ÷ 0,50 gpm/cu.ft)
Contact Time	At least 30 Minutes
Displacement Rinse Rate	Same as Regenerant Flow Rate
Displacement Rinse Volume	1 ÷ 2 BV (7,5 ÷ 15 gallons/cu.ft)
Fast Rinse Rate	Same as Service Flow Rate
Fast Rinse Volume	3 ÷ 4 BV (22,5 ÷ 30 gallons/cu.ft)
Service Flow Rate	10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft)

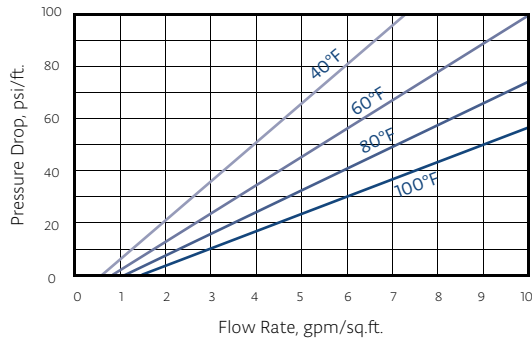
Hydraulic Properties

Pressure Drop



Pressure Drop: The graph above shows the expected pressure loss per foot of bed depth as a function of flow rate at various temperatures.

Backwash Expansion



Backwash: After each cycle the resin bed should be backwashed at a rate that expands the bed 50 to 75 percent. That will remove any foreign matter and reclassify the bed. The graph above shows the expansion characteristics of Pure PC002 in the sodium form.

Pure Resin PC003

SAC - Strong Acid Cation Exchange Resin



- Gel Strong Acid Cation Exchange Resin;
- high capacity premium grade bead form, conventional gel polystyrene sulphonate cation exchange resin supplied in the sodium or hydrogen form;
- intended for use in all water softening, dealcalisation, deionization and chemical processing applications, such as the following:
 1. in H form (PC003H), can be used in multiple and mixed bed demineralizers with strong base;
 2. anion exchangers such as Pure PA101, PA102 and PA103 in OH- form.
- well suited for industrial, commercial or residential softening applications because of its high capacity and good physical stability;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- NSF/ANSI 44&61 certified.

REF	MODEL
400101	Pure Resin PC003 - (25 lit bag)

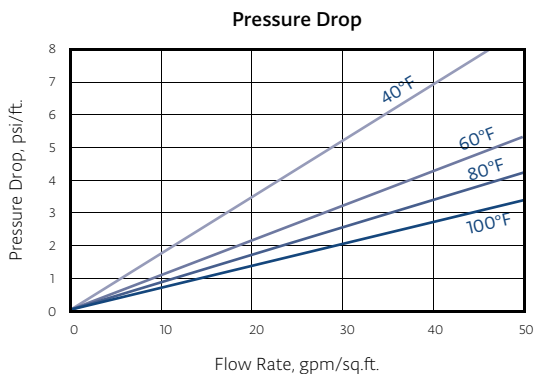
TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Polystyrene crosslinked with 8% DVB
Functional Group	R-(SO ₃) ⁻ M ⁺
Ionic Form, as shipped	Na ⁺ / H ⁺
Physical Form and Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention, Na ⁺ form	43 ÷ 48%
H ⁺ form	50 ÷ 56%
Swelling Na ⁺ → H ⁺	10% max.
Ca ²⁺ → Na ⁺	5% max.
Shipping Weight, Na ⁺ form	780 ÷ 880 g/l (51 lbs/cu.ft, approx.)
H ⁺ form	770 ÷ 870 g/l (50 lbs/cu.ft, approx.)
Total Exchange Capacity, Na ⁺ form	2,0 eq/l min.
H ⁺ form	1,9 eq/l min.
pH Range	0 ÷ 14

Pure Resin PC003

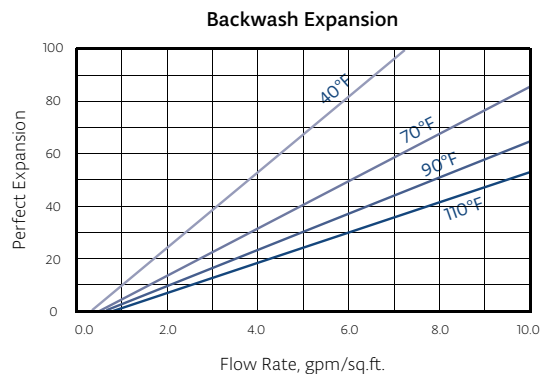


SUGGESTED OPERATING CONDITIONS	
Maximum Temperature	
Na ⁺ form	150°C (300°F) max.
H ⁺ form	100°C (212°F) max.
Minimum Bed Depth	0,6 m (24 inches)
Backwash Rate	25 ÷ 50% Bed Expansion
Regeneration	
Sodium Cycle	8 ÷ 20% NaCl
Hydrogen Cycle	5 ÷ 10% HCl, 2-8% H ₂ SO ₄
Flow Rate	2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft)
Contact Time	At least 30 Minutes
Displacement Rinse Rate	Same as Regenerant Flow Rate
Displacement Rinse Volume	1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft)
Fast Rinse Rate	Same as Service Flow Rate
Fast Rinse Volume	4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft)
Service Flow Rate	10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft)

Hydraulic Properties



Pressure Drop: The graph above shows the expected pressure loss per foot of bed depth as a function of flow rate at various Temperatures.



Backwash: After each cycle the resin bed should be backwashed at a rate that expands the bed 50 to 75 percent. That will remove any foreign matter and reclassify the bed. The graph above shows the expansion characteristics of Pure PC003 in the sodium form.

Pure Resin PC003 UN-NA



- Gel Strong Acid Cation Exchange Resin with high uniformity coefficient;
- high capacity premium grade bead form, conventional gel polystyrene sulphonate cation exchange resin supplied in the sodium or hydrogen form;
- intended for use in all water softening, dealcalisation, deionization and chemical processing applications, such as the following:
- in H form (PC003HUN), can be used in multiple and mixed bed demineralizers with strong base;
- anion exchangers such as Pure PA101, PA102 and PA103 in OH-form.
- well suited for industrial, commercial or residential softening applications because of its high capacity and good physical stability.
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- NSF/ANSI 44&61 certified.

REF	MODEL
400109	Pure Resin PC003 UN-NA

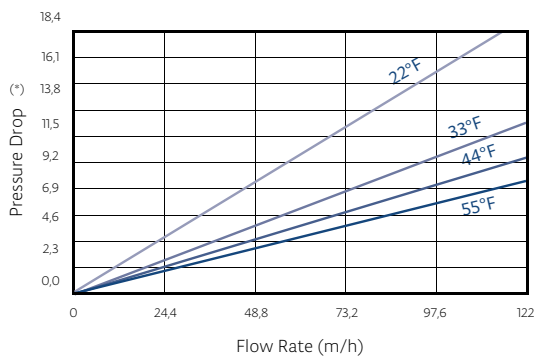
TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Polystyrene crosslinked with 8% DVB
Functional Group	R-(SO ₃) ⁻ M ⁺
Ionic Form, as shipped	Na ⁺
Physical Form and Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range U.S. Standard Screen	25 ÷ 35 mesh, wet
Particle Size Range	0,5 ÷ 0,71 mm ≥ 95%
Uniformity Coefficient	1,15 max.
Water Retention, Na ⁺ form, H ⁺ form	43 ÷ 48% 47 ÷ 54%
Swelling Na ⁺ → H ⁺ Ca ²⁺ → Na ⁺	10% max. 5% max.
Shipping Weight, Na ⁺ form, H ⁺ form	780 ÷ 880 g/l (51 lbs/cu.ft, approx.) 770 ÷ 870 g/l (50 lbs/cu.ft, approx.)
Total Exchange Capacity, Na ⁺ form, H ⁺ form	2,0 eq/l min. 1,9 eq/l min.
pH Range	0 ÷ 14

Pure Resin PC003 UN-NA



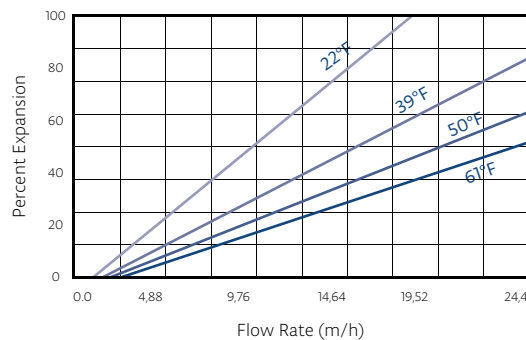
SUGGESTED OPERATING CONDITIONS	
Maximum Temperature	
Na ⁺ form	150°C (300°F) max.
H ⁺ form	100°C (212°F) max.
Minimum Bed Depth	0,6 m (24 inches)
Backwash Rate	25 ÷ 50% Bed Expansion
Regeneration	
Sodium Cycle	8 ÷ 20% NaCl
Hydrogen Cycle	5 ÷ 10% HCl, 2-8% H ₂ SO ₄
Flow Rate	2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft)
Displacement Rinse Rate	Same as Regenerant Flow Rate
Displacement Rinse Volume	1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft)
Fast Rinse Rate	Same as Service Flow Rate
Fast Rinse Volume	4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft)
Service Flow Rate	10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft)

Hydraulic Properties



(*) = m of water / m of bed

Backwash Expansion



Backwash: After each cycle the resin bed should be backwashed at a rate that expands the bed 25 to 50 percent. That will remove any foreign matter and reclassify the bed. The graph above shows the expansion characteristics of Pure PC003UN in the sodium form.

Pure Resin PC100NA

SAC - Macroporous Strong Acid Cation Exchange Resin



- Macroporous Strong Acid Cation Exchange Resin;
- macroporous poly (styrene sulphonate) cation exchange resin with excellent resistance to both osmotic and thermal shock;
- supplied as spherical beads;
- used for water softening with high level of DVB;
- also widely used in mixed bed demineralizers where high hydraulic demands exist and high resistance to mechanical thermal and oxidative stresses are required, such as condensate polishing, chemical processing, hydrometallurgy, sugar treatment.

REF	MODEL
400102	Pure Resin PC100NA - (25 lit bag)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Polystyrene crosslinked with 8% DVB
Functional Group	R-(SO ₃) ⁻ M ⁺
Ionic Form, as shipped	Na ⁺
Physical Form and Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention	45 ÷ 55%
Swelling Na ⁺ → H ⁺	10% max.
Shipping Weight	760 ÷ 830 g/l (50 lbs/cu.ft, approx.)
Total Exchange Capacity	1,8 eq/l min.
pH Range	0 ÷ 14

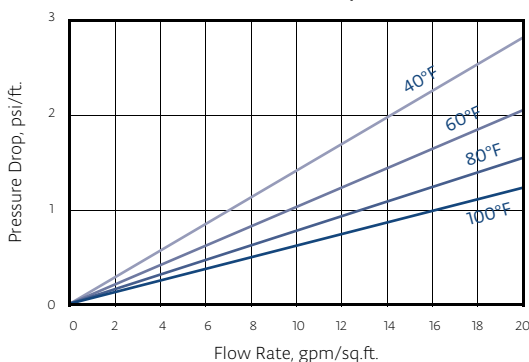
Pure Resin PC100NA



SUGGESTED OPERATING CONDITIONS	
Maximum Temperature	150°C (300°F) max.
Minimum Bed Depth	0,6 m (24 inches)
Backwash Rate	50 ÷ 75% Bed Expansion
Regeneration Flow Rate	8 ÷ 20% NaCl
Flow Rate	2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft)
Contact Time	At least 20 Minutes
Displacement Rinse Rate	Same as Regenerant Flow Rate
Displacement Rinse Volume	1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft)
Fast Rinse Rate	Same as Service Flow Rate
Fast Rinse Volume	4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft)
Service Flow Rate	10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft)

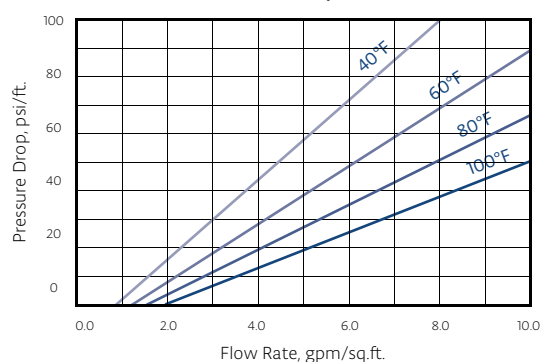
Hydraulic Properties

Pressure Drop



Pressure Drop: The graph above shows the expected pressure loss per foot of bed depth as a function of flow rate at various temperatures.

Backwash Expansion



Backwash: After each cycle the resin bed should be backwashed at a rate that expands the bed 50 to 75 percent. That will remove any foreign matter and reclassify the bed. The graph above shows the expansion characteristics of Pure PC100.

Pure Resin PC100H

SAC - Macroporous Strong Acid Cation Exchange Resin



- Macroporous Strong Acid Cation Exchange Resin;
- macroporous poly (styrene sulphonate) cation exchange resin with excellent resistance to both osmotic and thermal shock;
- supplied as spherical beads;
- used for water softening with high level of DVB;
- also widely used in mixed bed demineralizers where high hydraulic demands exist and high resistance to mechanical thermal and oxidative stresses are required, such as condensate polishing, chemical processing, hydrometallurgy, sugar treatment.

REF	MODEL
400103	Pure Resin PC100H - (25 lit bag)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Polystyrene crosslinked with 8% DVB
Functional Group	R-(SO ₃) ⁻ M ⁺
Ionic Form, as shipped	H ⁺
Physical Form and Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention	50 ÷ 60%
Swelling Na ⁺ → H ⁺	10% max.
Shipping Weight, Na ⁺ form	760 ÷ 830 g/l (50 lbs/cu.ft, approx.)
Total Exchange Capacity	1,7 eq/l min.
pH Range	0 ÷ 14

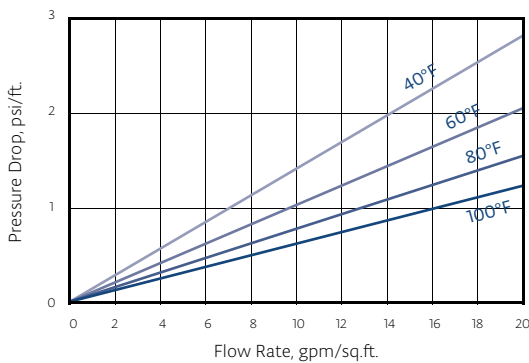
Pure Resin PC100H



SUGGESTED OPERATING CONDITIONS	
Maximum Temperature	120°C (248°F) max.
Minimum Bed Depth	0,6 m (24 inches)
Backwash Rate	50 ÷ 75% Bed Expansion
Regeneration Flow Rate	5 ÷ 10% HCl, 2 ÷ 8% H ₂ SO ₄
Contact Time	2 ÷ 7 BV/h (0,25 ÷ 0,90 gpm/cu.ft)
	At least 20 Minutes
Displacement Rinse Rate	Same as Regenerant Flow Rate
Displacement Rinse Volume	1,4 ÷ 2,0 BV (10 ÷ 15 gallons/cu.ft)
Fast Rinse Rate	Same as Service Flow Rate
Fast Rinse Volume	4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft)
Service Flow Rate	10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft)

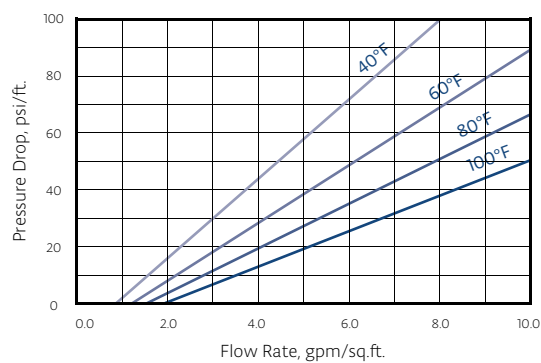
Hydraulic Properties

Pressure Drop



Pressure Drop: The graph above shows the expected pressure loss per foot of bed depth as a function of flow rate at various temperatures.

Backwash Expansion



Backwash: After each cycle the resin bed should be backwashed at a rate that expands the bed 50 to 75 percent. That will remove any foreign matter and reclassify the bed. The graph above shows the expansion characteristics of Pure PC100.

Pure Resin PC200FD

WAC - Macroporous Weak Acid Cation Exchange Resin



- Macroporous Weak Acid Cation Exchange Resin;
- macroporous poly-acrylic weak acid cation resin;
- it can be supplied in the hydrogen (H+) form or sodium (Na+) as spherical beads;
- in H cycle is used for dealcalisation, deionization and chemical processing applications;
- supplied in sodium cycle for use in applications such as softening and heavy metal cations removal. This requires a two stage regeneration process using a strong acid first and then a neutralization rinse to put the resin into the sodium form and is especially effective in high solids softening applications.

REF	MODEL
400104	Pure Resin PC200FD - (25 lit bag)

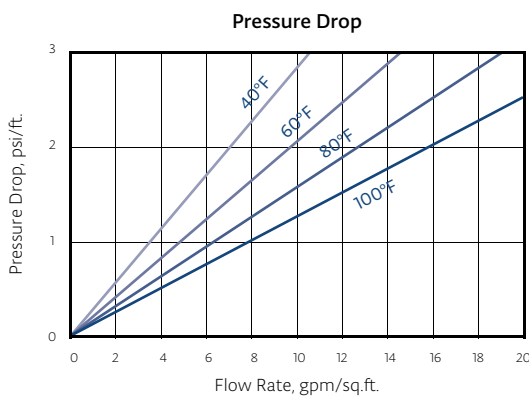
TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Acrylic-Divinylbenzene
Functional Group	R-(COOH) ⁻
Ionic Form, as shipped	H ⁺
Physical Form and Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention, H ⁺ form	50 ÷ 60%
Swelling Na ⁺ → H ⁺	65% max.
Shipping Weight, H ⁺ form	700 ÷ 780 g/l (45 lbs/cu.ft, approx.)
Total Exchange Capacity, H ⁺ form	3,5 eq/l min.
pH Range	4 ÷ 14

Pure Resin PC200FD

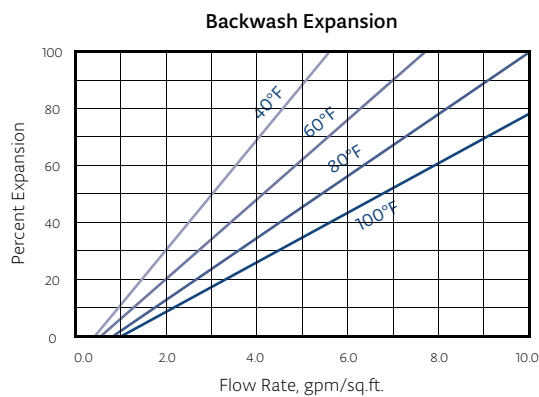


SUGGESTED OPERATING CONDITIONS	
Maximum Temperature, H ⁺ form	120°C (248°F) max.
Minimum Bed Depth	0,8 m (30 inches)
Backwash Rate	50 ÷ 75% Bed Expansion
Regeneration, Hydrogen Cycle	5 ÷ 10% HCl, 0,5 ÷ 1% H ₂ SO ₄
Flow Rate	2 ÷ 7 BV/h 8 ÷ 20 BV/h
Contact Time	At least 30 Minutes
Displacement Rinse Rate	Same as Regenerant Flow Rate
Displacement Rinse Volume	1,4 ÷ 2 BV (10 ÷ 15 gallons/cu.ft)
Fast Rinse Rate	Same as Service Flow Rate
Fast Rinse Volume	4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft)
Service Flow Rate	10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft)

Hydraulic Properties



Pressure Drop: The graph above shows the expected pressure loss per foot of bed depth as a function of flow rate at various temperatures.



Backwash: After each cycle the resin bed should be backwashed at a rate that expands the bed 50 to 75 percent. That will remove any foreign matter and reclassify the bed. The graph above shows the expansion characteristics of Pure PC200FD.

Pure Resin PA103OH

SBA - Strong Base Anion Exchange Resin



- Gel Strong Base Anion Exchange Resin;
- it is a Type II, gel strong-base anion exchange resin, with high capacity and excellent regeneration efficiency;
- supplied as spherical beads in the hydroxyl form;
- it removes all ions including silica and CO₂, anyway, it operates best on waters having a high percentage of strong acids (FMA);
- intended for use in all type of dealcalisation, demineralization, deionization and chemical processing applications.

REF	MODEL
400105	Pure Resin PA103OH - (25 lit bag)

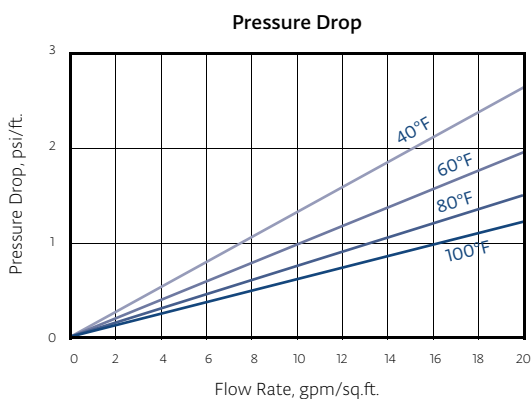
TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Polystyrene crosslinked with divinylbenzene
Functional Group	R-N(CH ₃) ₂ (C ₂ O ₄ H) ⁺
Ionic Form, as shipped	Hydroxyl (OH ⁻)
Physical Form and Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention, H ⁺ form	45 ÷ 51%
Swelling Cl ⁻ → OH ⁻	15% max.
Shipping Weight, Cl ⁻ form	680 ÷ 760 g/l (44 lbs/cu.ft, approx.)
Total Exchange Capacity, H ⁺ form	1,3 eq/l min.
pH Range	0 ÷ 14

Pure Resin PA103OH

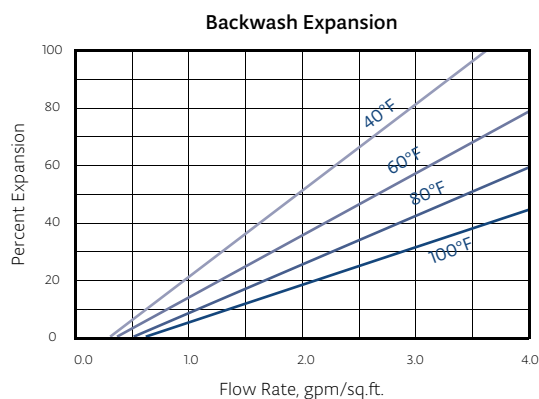


SUGGESTED OPERATING CONDITIONS	
Maximum Temperature, Cl ⁻ form	60°C (176°F) max.
OH ⁻ form	40°C (105°F) max.
Minimum Bed Depth	0,6 m (24 inches)
Backwash Rate	50 ÷ 75% Bed Expansion
Regeneration, Regenerant Concentration	2 ÷ 6% NaOH
Flow Rate	2 ÷ 4 BV/h (0,25 ÷ 0,50 gpm/cu.ft)
Contact Time	At least 60 Minutes
Displacement Rinse Rate	Same as Regenerant Flow Rate
Displacement Rinse Volume	1,4 ÷ 2 BV (10 ÷ 15 gallons/cu.ft)
Fast Rinse Rate	Same as Service Flow Rate
Fast Rinse Volume	4 ÷ 8 BV (30 ÷ 60 gallons/cu.ft)
Service Flow Rate	10 ÷ 50 BV/h (1,25 ÷ 6,25 gpm/cu.ft)

Hydraulic Properties



Pressure Drop: The graph above shows the expected pressure loss per foot of bed depth as a function of flow rate at various temperatures.



Backwash: After each cycle the resin bed should be backwashed at a rate that expands the bed 50 to 75 percent. That will remove any foreign matter and reclassify the bed. The graph above shows the expansion characteristics of Pure PA103

Pure Resin PA201 (CL)



- Macroporous Strong Base Anion Exchange Resin;
- it is a Type II, gel strong-base anion exchange resin;
- supplied wet as spherical beads in the chloride form;
- it has a high operating capacity, especially on high-FMA feedwaters, as well as a high reversible sorptive capacity for complex organic materials, such as the fulvic and humic acids which occur in many surface water supplies;
- it is recommended for use in waters with low silica loads. For high silica waters, a type I anion resin such as Pure PA200 is recommended.

REF	MODEL
400110	Pure Resin PA201 (CL)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Macroporous polystyrene crosslinked with divinylbenzene
Functional Group	R-N(CH ₃) ₂ (C ₂ H ₄ OH) ⁺
Ionic Form, as shipped	Chloride (CL ⁻)
Physical Form and Appearance	Opaque light yellowish spherical beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention CL ⁻ form	47 ÷ 57%
Swelling CL ⁻ → OH ⁻	10% max.
Weight, CL ⁻ form	660 ÷ 730 g/l (43 lbs/cu.ft, approx.)
Total Exchange Capacity, CL ⁻ form	1,2 eq/l min.
pH Range	0 ÷ 14

Pure Resin PA201 (CL)



SUGGESTED OPERATING CONDITIONS	
Maximum Temperature	
Cl ⁻ form	60°C (140°F) max.
OH ⁻ form	40°C (40°F) max.
Minimum Bed Depth	0,8 m (2,6 ft)
Backwash Rate	50 ± 75% Bed Expansion
Regeneration, Regenerant Concentration	2 ± 5% NaOH
Service / fast rinse	5 ± 50 m/h (2 ± 20 gpm/ft ²)
Co-current regeneration / displacement rinse	1 ± 10 m/h (0,4 ± 4 gpm/ft ²)
Total rinse requirement	3 ± 5 Bed volumens
Temperature	Ambient up to 35°C (95°F) for silica removal

Pure Resin PA300

WBA - Weak Base Anion Exchange Resin



- Macroporous Weak Base Anion Exchange Resin;
- it is a macroporous polystyrene weak-base anion exchange resin having tertiary amine functionality;
- it has superior kinetics and greater resistance to oxidation and osmotic shock, high chemical and physical stability;
- intended primarily for use in multiple bed demineralizers;
- it can be used in a two-bed system following a strong acid cation exchanger such as Pure PC003 where weak acid ions (silica and carbon dioxide) do not have to be removed;
- it can also be used in a separate bed, ahead of the strong base exchanger to remove organics and strong acid ions.

REF	MODEL
400106	Pure Resin PA300 - (25 lit bag)

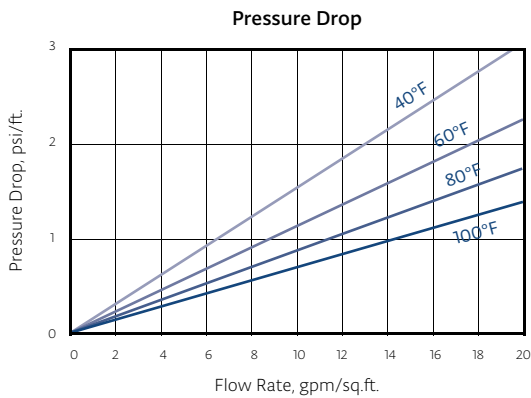
TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Macroporous Polystyrene with DVB
Functional Group	R-N-(CH ₃) ₂ ⁺
Ionic Form, as shipped	Free Base
Physical Form and Appearance	Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention, Free Base	50 ÷ 60%
Swelling Na ⁺ → Cl ⁻	25% max.
Shipping Weight	650 ÷ 720 g/l (42 lbs/cu.ft, approx.)
Total Exchange Capacity, Free Base	1,4 eq/l min.
pH Range	0 ÷ 14

Pure Resin PA300

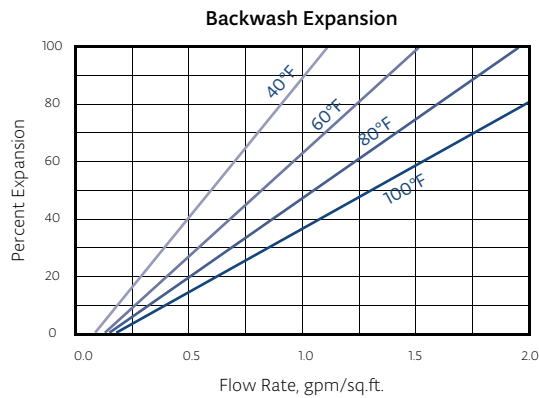


SUGGESTED OPERATING CONDITIONS	
Maximum Temperature Free Base	100°C (212°F) max.
Minimum Bed Depth	0,6 m (24 inches)
Backwash Expansion	50 ÷ 75%
Regeneration Regenerant Concentration	2 ÷ 6% NaOH
Flow Rate	2 ÷ 8 BV/h (0,25 ÷ 1,0 gpm/cu.ft)
Contact Time	At least 60 Minutes
Displacement Rinse Rate	Same as Regenerant Flow Rate
Displacement Rinse Volume	1,4 ÷ 2 BV (10 ÷ 15 gallons/cu.ft)
Fast Rinse Rate	Same as Service Flow Rate
Fast Rinse Volume	4,9 ÷ 8 BV (35 ÷ 60 gallons/cu.ft)
Service Flow Rate	16 ÷ 32 BV/h (2,0 ÷ 4,0 gpm/cu.ft)

Hydraulic Properties



Pressure Drop: The graph above shows the expected pressure loss per foot of bed depth as a function of flow rate at various temperatures.



Backwash: After each cycle the resin bed should be backwashed at a rate that expands the bed 50 to 75 percent. That will remove any foreign matter and reclassify the bed. The graph above shows the expansion characteristics of Pure PA300.

Pure Resin PA202

Nitrate Selective Resin



- Nitrate Selective Resin
- macroporous strong base anion exchange resin supplied in the chloride form as moist, tough, spherical beads, specially designed for the removal of nitrates from water for potable processes;
- the macroporous matrix and special ion exchange group functionality imparts ideal nitrate selectivity to Pure PA202 making this resin particularly suitable for nitrate removal even when moderate to high sulphate concentrations are present.

REF	MODEL
400107	Pure Resin PA202 - (25 lit bag)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Macroporous, Styrene with DVB
Functional Group	R-N-R ₃ ⁺ Cl ⁻
Ionic Form, as shipped	Cl ⁻
Physical Form and Appearance	Clear Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Uniformity Coefficient	1,6 max.
Water Retention, Cl ⁻ form	52 ÷ 56%
Shipping Weight	680 ÷ 730 g/l (42 ÷ 45,5 lbs/cu.ft, approx.)
Total Exchange Capacity	1,0 eq/l min.
Max Operating Temperature	100°C (212°F) max.
pH Range	0 ÷ 14

Pure Resin PA202



SUGGESTED OPERATING CONDITIONS	
Maximum Operating Temperature	100°C (212°F) max.
Working Exchange Capacity @ 25°C	≥ 0,3 meq/l (wet)
Concentration of Regenerate Solution	NaCl: 8 ÷ 10%
Consumption of Regenerate	NaCl (8 ÷ 10%) Vol. : Resin Vol. = 2+3 : 1
Flow Rate of Regenerate Solution	4 ÷ 6 (m/hr)
Regenerate Contact time	30 ÷ 60 (minute)
Rinse Flow Rate	15 ÷ 25 (m/hr)
Rinse Time (minute)	25 (approx.)
Operating Flow Rate	15 ÷ 25(m/hr)

Pure Resin PMB101-2

Mixed Bed Resin



- Mixed Bed Resin;
- it is a high capacity mixed bed ion exchange resin consisting of a mixture of a gel, Type I strong base anion resin and a gel strong acid cation resin for direct water purification;
- the conductivity is around 0,1 us/cm;
- suitable for use in regenerable or non-regenerable cartridges, for deionization with high silica removal efficiency and refine water for electrical home applications.

REF	MODEL
400108	Pure Resin PMB101-2 - (25 lit bag)

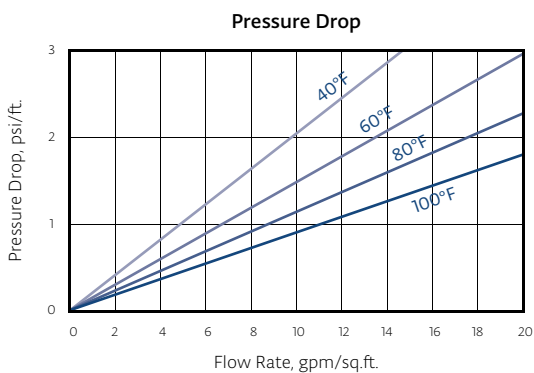
TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Gel polystyrene crosslinked with DVB
Functional Group: Cation	R-SO ₃ ⁻ H ⁺
Anion	R ₄ ⁻ N-OH ⁻
Ionic Form, as shipped	H ⁺ / OH ⁻
Physical Form and Appearance	Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Volume Ratio (as shipped)	
Cation	40% PC003H
Anion	60% PA101OH
Total Exchange Capacity,	
Cation (in Na ⁺ form)	2,0 eq/l min.
Anion (in Cl ⁻ form)	1,3 eq/l min.
Water Retention, H ⁺ form	45 ÷ 50%
OH ⁻ form	53 ÷ 60%
Shipping Weight (Approx.)	700 ÷ 740 g/l (44 ÷ 46 lbs/cu.ft, approx.)
Temperature limit:	
Non regenerative bed	100°C (212°F) max.
Regenerative bed	60°C (140°F) max.
pH Range	0 ÷ 14

Pure Resin PMB101-2



SUGGESTED OPERATING CONDITIONS	
Maximum Temperature	80°C (175°F) max.
Minimum Bed Depth	0,6 m (24 inches)
Service Flow Rate	16 ÷ 80 BV/h (2,0 ÷ 10,0 gpm/cu.ft)
Limitations	Extended exposure to strong oxidizers, such as chlorine, hydrogen peroxide and concentrated nitric acid, degrade the structural backbone of the resin and should be avoided

Hydraulic Properties



Pressure Drop: The graph above shows the expected pressure loss per foot of bed depth as a function of flow rate at various temperatures.

Pure Resin PS400



- Selective removal of polyvalent ions;
- Macroporous Weak Acid Cation Exchange Resin;
- it is based on the iminodiacetic acid functional group, which has chelating properties for heavy metal ions even against high concentrations of calcium;
- It finds use in processes for extraction and recovery of metals from ores, galvanic plating solutions, pickling baths and effluents.

REF	MODEL
400111	Pure Resin PS400

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS	
Polymer Matrix Structure	Macroporous, Styrene / DVB
Functional Group	Iminodiacetic
Ionic Form, as shipped	Na ⁺
Physical Form and Appearance	Milky White Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 40 mesh, wet
Particle Size Range	0,40 ÷ 1,25 mm ≥ 95
Uniformity Coefficient	1,6 max.
Water Retention Na ⁺ form	52 ÷ 58%
Reversible Swelling H ⁺ → Na ⁺	40% max.
Shipping Weight	720 ÷ 780 g/l (45 lbs/cu.ft, approx.)
Total Exchange Capacity, Na ⁺ form	≥ 1,95 meq/g (Chelated Cu ²⁺)
pH Range	3 ÷ 12

Pure Resin PS400



SUGGESTED OPERATING CONDITIONS	
Maximum Temperature, H ⁺ form	100°C (212°F) max.
Operating Flow Rate	15 - 45 (m/hr)
Method of Regeneration	pass 1 eq/l HCl 2~4 BV in 1~1,5 hours, rinse with DI water or soft water until pH = 3~4; pass 1 eq/l NaOH 2~4 BV in 1,5~2 hours, rinse with DI water or soft water until pH = 9

Greensand plus

Deferization Media



- filter media used for removing soluble iron, manganese, hydrogen sulphide, arsenic and radium from well water supplies;
- like the sister product Manganese Greensand, the substrate media has a manganese dioxide coated surface that acts as a catalyst in the oxidation-reduction of iron and manganese. The difference between GREENSAND PLUS and Manganese Greensand is the substrate that forms the core of the media and the method by which the manganese dioxide coating is attached to that substrate. GREENSAND PLUS has a silica sand core and coating is fused to it, while manganese greensand has a glauconite core and the coating is ionically bound to it;
- the silica sand core allows to better withstand operating conditions in waters that are low in silica, TDS and hardness. Also can withstand higher operating temperatures and higher differential pressure than Manganese Greensand;
- exact replacement for manganese greensand. It can be used in CR (continuous regeneration) or IR (intermittent regeneration) and requires no changes in backwash rate or times or chemical feeds;
- not shipped in regenerated form; prior to use it is necessary to regenerate with a solution of potassium permanganate contacting the bed for a minimum of 4 hours. A regeneration level of 4 g of potassium permanganate per liter is recommended. Before placing in service the filter must be rinsed of all remaining traces of potassium permanganate;
- available in 14,2 liters bags.

REF	MODEL
400200	Greensand plus - (14,2 lit bag)

PHYSICAL PROPERTIES	
Colour	black
Specific gravity (g/l)	2400
Bulk density (g/l)	1375
Effective size (mm)	0,30 ÷ 0,35
Uniform coefficient	1,6

OPERATING CONDITIONS	
Minimum bed depth (mm)	750
Service flow rate continuous (m ³ /h m ²)	7 ÷ 15
Service flow rate intermittent (m ³ /h m ²)	15 ÷ 30
Backwash flow rate (m ³ /h m ²)	30 ÷ 35
Backwash bed expansion (%)	35 ÷ 40
pH range	6,2 ÷ 8,5

MTM

Deferization Media



- MTM consist of a light weight granular core with a coating of manganese dioxide, and is used for reducing iron, manganese and hydrogen sulphide from water. Its active surface coating oxidizes and precipitate soluble iron and manganese, and hydrogen sulphide is oxidized to a sulphur. The precipitates are filtered out in the granular bed and removed by backwashing;
- compared to other iron removal medias, MTM has many advantages: pH level as low as 6,2 can be treated, dissolved oxygen is not essential, the media light weight reduces backwash water requirements;
- chlorine can be beneficial in extending filter run times;
- MTM requires intermittent or continuous regeneration to maintain its oxidizing capacity, with a weak solution of potassium permanganate;
- regeneration KMnO₄ solution from 1,5 to 2 g per liter MTM;
- a new bed should be regenerated at the start up;
- CAUTION: operating the filter after its oxidizing capacity is exhausted will reduce its service life and may cause staining;
- influent limitations: none oil and polyphosphates;
- available in 28,3 liters bags.

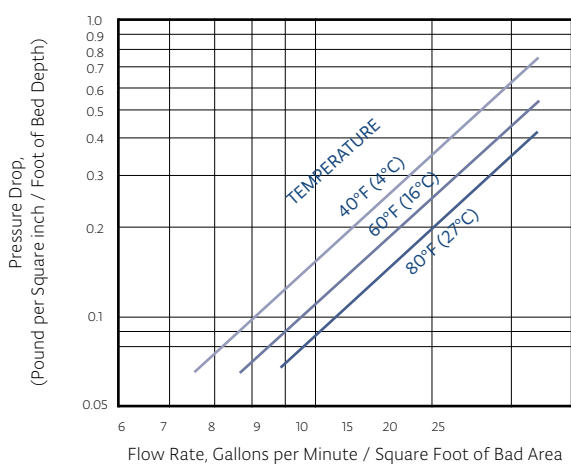
Ion Exchange Resin & Filtration Media

REF	MODEL
400201	MTM - (28,3 lit bag)

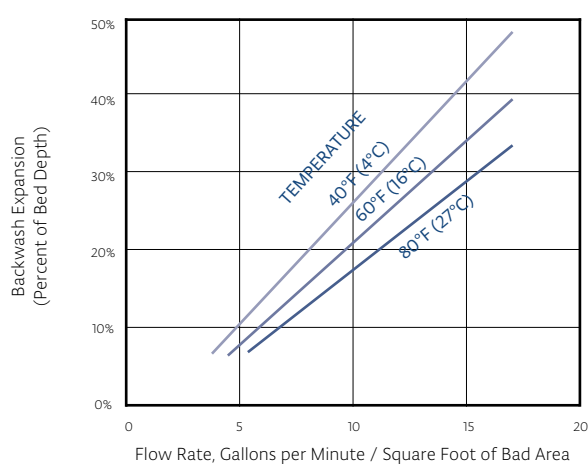
PHYSICAL PROPERTIES	
Colour	dark brown
Specific gravity (g/l)	2000
Bulk density (g/l)	715
Effective size (mm)	0,45

OPERATING CONDITIONS	
Bed depth (mm)	600 ÷ 900
Service flow rate (m ³ /h m ²)	8 ÷ 13
Backwash flow rate (m ³ /h m ²)	20 ÷ 24
Backwash bed expansion (%)	20 ÷ 40
Capacity per liter (g)	1,4 Fe or 0,7 Mn
pH range	6,2 ÷ 8,5

Service flow - Pressure Drop



Backwash bad Expansion



(*) Note: a "Gallon per Minute / Square Foot of Bed Area" is equal to 2,44448 m/h.

BIRM

Deferization Media



- granular filter media used for the reduction of iron and manganese dissolved in the water. In ground water the dissolved iron is usually in the ferrous bicarbonate state and is not filterable; BIRM acts as an insoluble catalyst to enhance the reaction between dissolved oxygen and iron compounds, producing ferric hydroxide which precipitates and may be easily filtered;
- the physical characteristics of BIRM provide an excellent filter media which is easily cleaned by backwashing to remove the precipitant;
- BIRM is not consumed in the iron removal operation;
- available in 28,3 liters bags;
- following are the conditions necessary for a good efficiency of the BIRM:
 - o no oil or hydrogen sulphide in the water;
 - o pH 6,8 ÷ 9,0 (if water contains also manganese pH has to be 8,0 ÷ 8,5);
 - o dissolved oxygen content must be equal to at least 15% of the iron content;
 - o alkalinity should be greater than two times the combined sulphate and chlorine concentration;

CAUTION: chlorination greatly reduces BIRM activity.

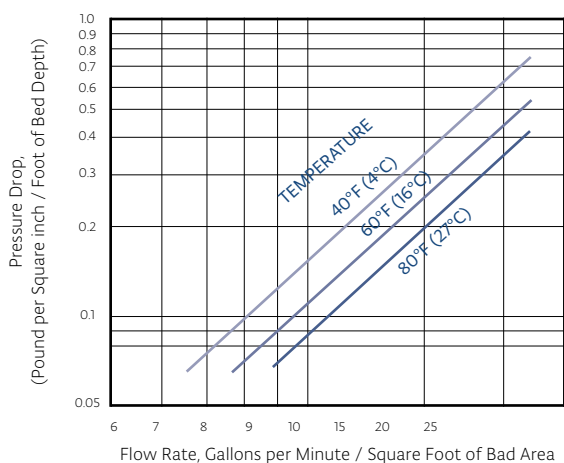
Ion Exchange Resin & Filtration Media

REF	MODEL
400202	BIRM - (28,3 lit bag)

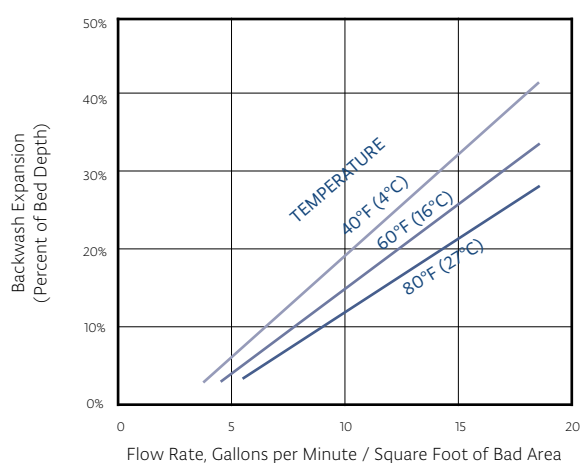
PHYSICAL PROPERTIES	
Colour	black
Specific gravity (g/l)	2000
Bulk density (g/l)	700 ÷ 800
Effective size (mm)	0,6

OPERATING CONDITIONS	
Bed depth (mm)	750 ÷ 900
Service flow rate (m ³ /h m ²)	9 ÷ 13
Backwash flow rate (m ³ /h m ²)	24 ÷ 30
Backwash bed expansion (%)	20 ÷ 40

Service flow - Pressure Drop



Backwash bad Expansion



(*) Note: a "Gallon per Minute / Square Foot of Bed Area" is equal to 2,44448 m/h.

Pyrolusite

Deferization Media



- PYROLUSITE is manganese dioxide (MnO_2) of very good quality and pureness obtained by washing, drying and screening of mineral selected for the specific catalytic activity;
- used as catalyser for the reduction of iron, manganese and hydrogen sulphide dissolved in the water, by sand filters, mixed at 20% with sand 0,6 ÷ 1,2 mm;
- does not require a compulsory regeneration with $KMnO_4$, but you can do a continuous chlorination or a chlorination during the backwash;
- PYROLUSITE complies the standard UNI ISO EN 13752 "Products for potable water treatment";
- hardness 3° ÷ 5° Mosh;
- available in 25 kg bags.

REF	MODEL
400203	Pyrolusite - (25 lit bag)

PHYSICAL PROPERTIES	
REF.	400203
MODEL	Pyrolusite media (25 kg bag)
Colour	brown
Bulk density (g/l)	2000
Effective size (mm)	0,3 ÷ 0,8
Mn (%)	80

OPERATING CONDITIONS	
Composition	Mixed at 20% volume with sand size 0,6 ÷ 1,2 mm
Suggested filtration speed (m/h)	10
Max backwash speed ($m^3/h m^2$)	25
Min contact time (min)	6

Activated carbon

Filtration Media



- range of granular activated carbons designed for reduction of chlorine and organic contaminants dissolved in water for civil and industrial purpose;
- manufactured from select grades of bituminous (or vegetal origin) coal, with a thermal activation process at strictly controlled temperature to obtain a large surface area and a porous structure allowing the adsorption of low and high molecular weight organic compounds;
- high density activated carbons with good resistance to the attrition and mechanical stocks;
- activated carbon require periodic backwashing to eliminate accumulated suspended matters and to regrade the filter bed;
- a good backwashing of the AC filter bed of the start-up is required.

PHYSICAL PROPERTIES:

REF.	TYPE	ORIGIN	SIZE (mm)	BULK DENSITY (g/l)	BET (m ² /g)	IODINE NUMBER (mg/g)	BAG WEIGHT (kg)	BAG VOLUME (litres)
400204	SC45 cylindrical	Mineral	4	530	700	750	25,0	47
400205	GAC DCN 1000 8x30	Vegetal	0,5 ÷ 2,4	550	1100	1000	25,0	46
400206	GAC DCN 1000 12x40	Vegetal	0,4 ÷ 1,6	550	1100	1000	25,0	46

OPERATING CONDITIONS

Bed depth (mm) dechlorination)	650 ÷ 750
Service flow rate (m ³ /h m ²) (dechlorination)	12 ÷ 15
Backwash flow rate (m ³ /h m ²)	24 ÷ 30
Backwash bed expansion (%)	30 ÷ 40

Anthracite

Filtration Media



- granular anthracite selected per gradation, hardness and purity for specific use in potable and industrial water filtration;
- the high filtering efficiency of anthracite is due to its angular shape, that allows high filtering speed, longer filter runs and less head loss;
- excellent media with density lower than sand, anthracite can be used alone or in multimedia filters;
- the ANTHRACITE complies the standard UNI ISO EN 12909 "Products used for treatment of water intended for human consumption";
- minimum carbon contents 90%, low silica, hardness 3° Mosh average;
- available in 25 kg bags.

Operating conditions:

- bed depth 600 ÷ 900 mm (250 ÷ 450 in multimedia filters);
- service flow rate following specific conditions;
- backwash flow rate 28 ÷ 35 m³/h m²;
- bed expansion 20 ÷ 30%.

GRADES AND PHYSICAL PROPERTIES:

REF.	SIZE (mm)	BULK DENSITY (g/l)
400210	0,6 ÷ 1,2	950
400211	1,5 ÷ 2,5	950
400212	1,5 ÷ 2,5	950

Filter sand and gravel

Filtration Media



- filter sand and gravel spherical shape of alluvium origin, uncrushed;
- high contents of silica, selected for specific use in water filtration for potable and industrial application;
- hardness 7° Mosh.

REF.	SIZE (mm)	BAG WEIGHT (kg)
400220	0,8 ÷ 1,2	25
400221	1,5 ÷ 2,5	25
400222	4,0 ÷ 6,0	25

PHYSICAL PROPERTIES	
Colour	light grey
Specific gravity (g/l)	2650
Bulk density (g/l)	1500
SiO ₂ content	99%

OPERATING CONDITIONS	
Bed depth (mm) (sand filter)	450 ÷ 750
Service flow rate (m ³ /h m ²)	8 ÷ 12
Backwash flow rate (m ³ /h m ²)	30 ÷ 42
Backwash bed expansion (%)	5 ÷ 10

Calcite

Neutralization Media



- CALCITE is a natural crushed and screened calcium carbonate media which is used to neutralize low pH waters;
- acidic water slowly dissolves the calcium carbonate to raise the pH which reduces the potential leaching of copper, lead and other metals found in typical plumbing systems;
- one of the advantages of CALCITE is its self-limiting property, that corrects pH only enough to reach a non corrosive equilibrium;
- of course CALCITE will increase the hardness of the water;
- periodic backwashing of the bed is necessary to keep in working order the system;
- the CALCITE bed will have to be periodically replenished as the CALCITE is depleted;
- gravel support bed is recommended;
- available in 15,6 liters bags.

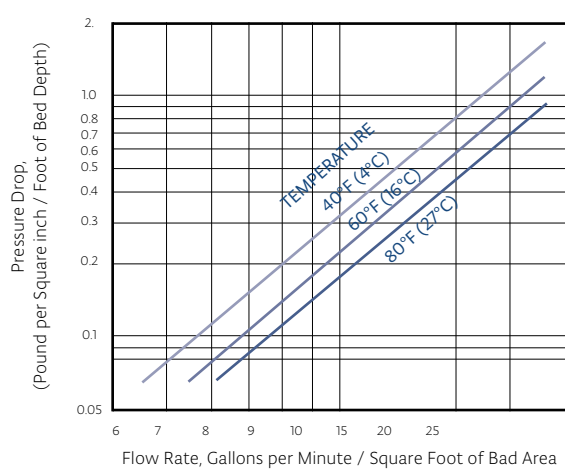
Ion Exchange Resin & Filtration Media

REF	MODEL
400230	Calcite - (15,6 lit bag)

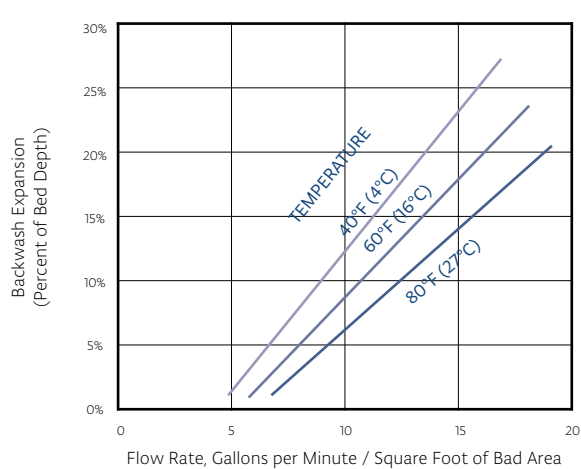
PHYSICAL PROPERTIES	
Colour	white
Specific gravity (g/l)	2700
Bulk density (g/l)	1450
Effective size (mm)	0,4
Composition	CaCO ₃ 95% min. MgCO ₃ 3% max.

OPERATING CONDITIONS	
Bed depth (mm)	600 ÷ 750
Service flow rate (m ³ /h m ²)	7 ÷ 15
Backwash flow rate (m ³ /h m ²)	20 ÷ 30
Backwash bed expansion (%)	35

Service flow - Pressure Drop



Backwash bad Expansion



(*) Note: a "Gallon per Minute / Square Foot of Bed Area" is equal to 2,44448 m/h.

Filter AG

Filtration Media



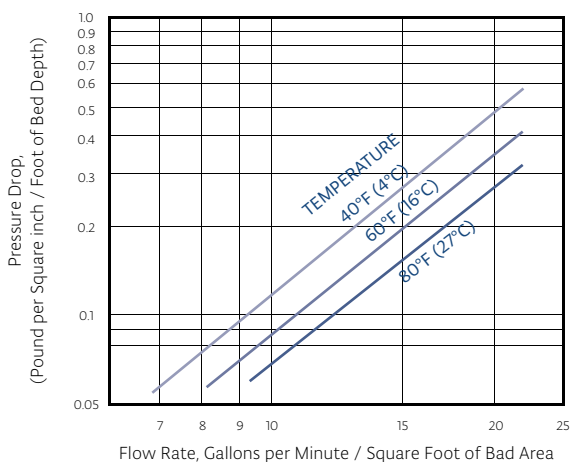
- Filter-Ag is a non-hydrous silicon dioxide media which can be used as highly efficient filter media for the reduction of suspended matter. Its fractured edges and irregular surface provides an high surface area and complex flow path for efficient filtration;
- less pressure loss through a bed of Filter-Ag than through most other filter medias;
- light weight requires lower backwash rates than other filter medias;
- upon installation allow bed to soak overnight before backwashing;
- available in 28,3 liters bags.

REF	MODEL
400231	Filter AG - (28,3 lit bag)

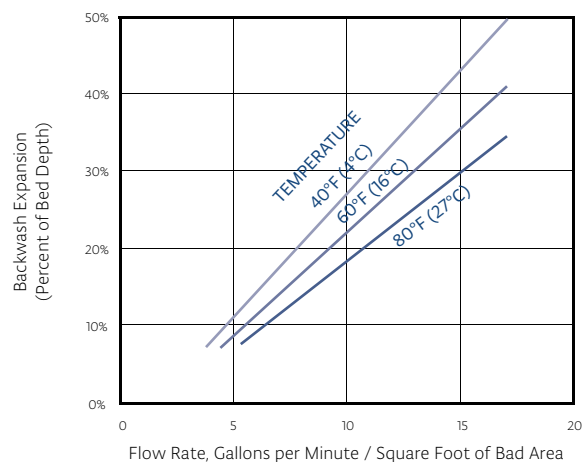
PHYSICAL PROPERTIES	
Colour	light grey
Specific gravity (g/l)	2250
Bulk density (g/l)	380 ÷ 420
Effective size (mm)	0,7

OPERATING CONDITIONS	
Bed depth (mm)	600 ÷ 900
Service flow rate (m ³ /h m ²)	12 ÷ 13
Backwash flow rate (m ³ /h m ²)	20 ÷ 24
Backwash bed expansion (%)	20 ÷ 40

Service flow - Pressure Drop



Backwash bad Expansion



(*) Note: a "Gallon per Minute / Square Foot of Bed Area" is equal to 2,44448 m/h .

GFH (Granular Ferric Hydroxide)

Filtration Media



- the granular ferric hydroxide GFH is an adsorbent for selective removal of arsenic (both arsenite and arsenate), phosphate, selenium, antimony, molybdenum and other heavy metals from natural water;
- preoxidation is not required for arsenic removal applications;
- once the media has exhausted its adsorption capacity, it is removed from the vessel and replaced with new media;
- the simplicity of this process is very attractive for small installations and wellhead applications;
- active substance $\text{Fe}(\text{OH})_3 + \beta\text{-FeOOH}$;
- dry solids content 57% ($\pm 10\%$).

REF.	WEIGHT (kg)	PACKAGING
400240	30	drum
400241	800	Big bag

PHYSICAL PROPERTIES (with water content 45%)	
Density of grains (g/l)	1590
Bulk density (g/l) backwashed	1150 ($\pm 10\%$)
Particle size range (mm)	0,2 ÷ 2
Specific surface (m ² /g)	300 approx.
Porosity of grains (%)	72 ÷ 77
Bulk porosity (%)	22 ÷ 28

OPERATING CONDITIONS	
Bed depth (mm)	0,6 ÷ 1,6
Specific flow rate (m ³ /h m ²)	5 ÷ 20
Contact time (minutes)	4 ÷ 6
Backwash flow rate (m ³ /h m ²)	9 ÷ 12
Expansion free volume	100 %
Pressure loss max (bar)	0,5
Operation temperature max (°C)	60
AsO ₄ ³⁻ Arsenic adsorption density in the drinking water processing (g/kg)	2 ÷ 10 (*)

(*) the adsorption density depends on pH and water chemistry.

Ecomix

Multipurpose Media



- ECOMIX is a granular filtering media, suitable for remove natural organic matter, hardness, iron, manganese and ammonia independently of raw water pH, anions content and chlorine presence;
- ECOMIX is a homogeneous mixture of five high quality ion-exchange and adsorption materials of natural and synthetic origin;
- you can use ECOMIX as a ion-exchange resin and regenerate it with sodium chloride (NaCl);
- wide range of raw water as indicated in the "Limit Concentration Table" below;
- ECOMIX can treat water with high concentration of Fe and Mn, and with max TDS = 4000 mg/l;
- to calculate filter capacity, one should only consider water hardness and ion-exchange capacity (don't consider Fe and Mn data);
- shipping weight 0,75 kg / liter;
- available in 12,0 liters bags.

REF.	TYPE	ION EXCHANGE CAPACITY (eq/l)	ION EXCHANGE CAPACITY (g CaCO ₃ /l)	DOSE OF REGENERANT (g NaCl 100% per liter)
400250	Ecomix - A	0,75	37,5	100
400251	Ecomix - C	0,65	32,5	100

- ECOMIX A is preferred when the contaminants to be removed are mainly hardness and iron;
- ECOMIX C is preferred when the contaminants to be removed are mainly organic matter.

WARNING:

if you use only a part of the product contained in a bag, you have make sure that all the contents are mixed, in order to homogenize the product before spilling. ECOMIX is a mixture of five materials with different specific weight and different particle size, which if not well mixed tends to stratify.

Ion Exchange Resin & Filtration Media

LIMIT CONCENTRATION TABLES:

RA080	HARDNESS (ppm CaCO ₃)	Fe (mg/l), (ppm)	Mn (mg/l), (ppm)	COD (ppm KMnO ₄)	AMMONIA (mg/l), (ppm)	TDS (ppm)
Raw water concentration limits	< 750	< 15	< 3	< 16	< 4	< 4000
Quality of purified water	≤ 20	< 0,3	< 0,1	< 8	< 0,5	No changes

RA081	HARDNESS (ppm CaCO ₃)	Fe (mg/l), (ppm)	Mn (mg/l), (ppm)	COD (ppm KMnO ₄)	AMMONIA (mg/l), (ppm)	TDS (ppm)
Raw water concentration limits	< 750	< 10	< 3	< 80	< 4	< 4000
Quality of purified water	≤ 20	< 0,3	< 0,1	< 8	< 0,5	No changes

OPERATING CONDITIONS:

OPERATING CONDITIONS	UNIT OF MEASUREMENT
Maximum operating temperature	40 °C
pH range	5 ÷ 10
Minimum bed depth	500 mm
Optimum bed depth	800 mm
Service flow rate	20 ÷ 25 m ³ /h m ²
Backwash flow rate (15÷20 min)	13 ÷ 15 m ³ /h m ²
Regeneration flow rate (45÷65 min)	3 ÷ 5 m ³ /h m ²
Rinse flow rate (15÷20 min)	20 ÷ 25 m ³ /h m ²
Free bed volume	> 40 %
Regenerant solution (NaCl)	8 ÷ 10 %
Dose of regenerant	100 g NaCl 100% per liter

SUGGESTED APPLICATIONS:

VESSEL	VOLUME (liters)	FLOW (l/h)
8 x 44	24	600 ÷ 800
10 x 44	36	800 ÷ 1000
10 x 54	48	1000 ÷ 1250
12 x 52	60	1400 ÷ 1750
13 x 54	72	1600 ÷ 2000

Pressure vessels & accessories



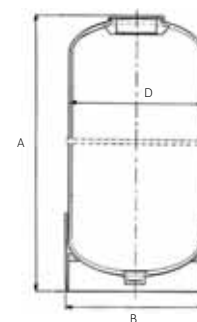
- Park Residential Pressure Vessels with Base
- Park Residential Pressure Vessels without Base
 - Dome-Hole Residential Pressure Vessels
- Park Industrial Pressure Vessels with Threaded Top Opening
- Park Industrial Pressure Vessels with Top & Bottom Threaded Openings
 - Park Industrial Pressure Vessels with Flanged Top Opening
- Park Industrial Pressure Vessels with Flanged Top & Bottom Openings
 - Adapters
 - Closures
 - 6" Closed Flange
 - 6" - 4" Adapter
 - 6" - 3" - 3" Adapter
- Aeration Valve & Vacuum Breaker
 - Cylindrical Diffusors
- Cylindrical Diffusors with Elbow
 - Flanged Upper Diffusors
 - Cylindrical Diffusors
 - Lower Lateral System
- Lower Lateral Systems with 6 Laterals Hub for Flanged Pressure Vessels
- Lower Lateral Systems with 8 Laterals Hub for Flanged Pressure Vessels
 - Lower Double Lateral Systems for Flanged Pressure Vessels
- Top Mount Lower Lateral Systems for Flanged Pressure Vessels
 - 2" Gas Adapter
- Top Mount Lower Lateral Systems for Tubes Diameter 90 mm
- Top Mount Lower Double Lateral Systems for Tubes Diameter 90 mm
 - Cylindrical Laterals
 - Flange Coupling Kit
 - Mineral Tank Funnels

Composite pressure vessels PE liner reinforced with fiberglass and epoxy resin for residential and industrial potable water treatment systems. Products are produced according to European 97/23/EC Directive compliant for pressure equipment (PED).

Certification for contact with drinking water following EC directives and KTW recommendations.

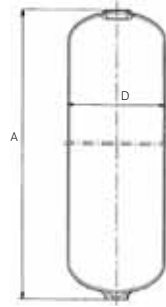
Park Residential Pressure Vessels with Base

- Made in European Union (Belgium);
- composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- for industrial and potable water treatment systems;
- European 97/23/EC Directive compliant for pressure equipment (PED);
- certification for contact with drinking water following EC directives and KTW recommendations;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- max operating pressure 10 bar; max operating temperature 50°C;
- top connection threaded 2 ½" – 8NPSM or 4" – 8UN;
- cycle test 250.000 times from 0,7 to 10 bar;
- burst test to 4 times max operating pressure; blue colour; warranty 5 years.



REF.	MODEL	VOLUME (liters)	EXTERNAL D (mm)	A (mm)	B (mm)	CONNECTION
400500	6 x 13	4,6	159	342 ± 2	170	2 ½"
400501	6 x 18	6,9	159	475 ± 2	170	2 ½"
400502	6 x 35	14,4	159	907 ± 2	170	2 ½"
400503	7 x 13	6,3	184	341 ± 2	195	2 ½"
400504	7 x 17	8,8	184	446 ± 2	195	2 ½"
400505	7 x 24	13,5	184	613 ± 2	195	2 ½"
400506	7 x 30	16,8	184	778 ± 2	195	2 ½"
400507	7 x 35	20,4	184	901 ± 2	195	2 ½"
400508	8 x 13	8,2	208	347 ± 2	220	2 ½"
400509	8 x 17	11,0	208	435 ± 2	220	2 ½"
400510	8 x 24	16,6	208	612 ± 4	220	2 ½"
400511	8 x 30	22,0	208	783 ± 2	220	2 ½"
400512	8 x 35	25,7	208	902 ± 2	220	2 ½"
400513	8 x 44	33,6	208	1124 ± 2	220	2 ½"
400514	9 x 17	13,7	233	431 ± 4	240	2 ½"
400515	9 x 24	20,4	233	612 ± 4	240	2 ½"
400516	9 x 30	26,6	233	766 ± 5	240	2 ½"
400517	9 x 35	31,3	233	903 ± 2	240	2 ½"
400518	9 x 42	38,2	233	1074 ± 5	240	2 ½"
400519	9 x 48	44,6	233	1228 ± 5	240	2 ½"
400520	10 x 17	16,8	257	436 ± 4	269	2 ½"
400521	10 x 19	19,1	257	502 ± 2	269	2 ½"
400522	10 x 22	22,9	257	559 ± 4	269	2 ½"
400523	10 x 24	25,1	257	605 ± 4	269	2 ½"
400524	10 x 30	32,4	257	766 ± 4	269	2 ½"
400525	10 x 35	38,9	257	903 ± 2	269	2 ½"
400526	10 x 44	48	257	1122 ± 2	269	2 ½"
400527	10 x 47	54	257	1188 ± 5	269	2 ½"
400528	10 x 54	61	257	1385 ± 2	269	2 ½"
400529	10 x 54	62	257	1382 ± 5	269	4"
400530	12 x 48	76	304	1232 ± 3	315	2 ½"
400531	12 x 52	84	304	1335 ± 3	315	2 ½"
400532	13 x 44	85	334	1145 ± 6	330	2 ½"
400533	13 x 54	103	334	1371 ± 3	330	2 ½"
400534	13 x 54	103	334	1371 ± 3	330	4"

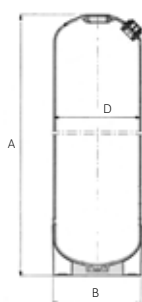
Park Residential Pressure Vessels without Base



- Made in European Union (Belgium);
- composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- for industrial and potable water treatment systems;
- European 97/23/EC Directive compliant for pressure equipment (PED);
- certification for contact with drinking water following EC directives and KTW recommendations;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- max operating pressure 10 bar;
- max operating temperature 50°C;
- top connection threaded 2 ½" – 8NPSM or 4" – 8UN;
- cycle test 250.000 times from 0,7 to 10 bar;
- burst test to 4 times max operating pressure; blue colour; warranty 5 years.

REF.	MODEL	VOLUME (liters)	EXTERNAL D (mm)	A (mm)	CONNECTION (inch)
400580	6 x 13	4,3	156	329 ± 3	2 ½"
400581	7 x 13	5,8	182	329 ± 3	2 ½"
400582	7 x 17	8,3	182	431 ± 3	2 ½"
400583	7 x 19	9,6	182	483 ± 3	2 ½"
400583	7 x 24	12,6	182	611 ± 3	2 ½"
400584	7 x 30	16,2	182	771 ± 3	2 ½"
400585	7 x 35	19,1	182	891 ± 3	2 ½"
400586	8 x 13	7,7	206	329 ± 3	2 ½"
400587	8 x 17	11,0	206	431 ± 3	2 ½"
400588	8 x 24	16,6	206	611 ± 3	2 ½"
400589	8 x 30	21,4	206	771 ± 3	2 ½"
400590	8 x 35	24,8	206	891 ± 3	2 ½"
400591	9 x 17	13,7	232	431 ± 3	2 ½"
400592	9 x 30	26,6	232	771 ± 3	2 ½"
400593	9 x 35	31,6	232	891 ± 3	2 ½"
400594	10 x 17	16,8	257	431 ± 3	2 ½"
400595	10 x 19	19,2	257	483 ± 3	2 ½"
400596	10 x 24	25,1	257	611 ± 3	2 ½"
400597	10 x 30	32,4	257	771 ± 3	2 ½"
400598	10 x 35	38,4	257	891 ± 3	2 ½"

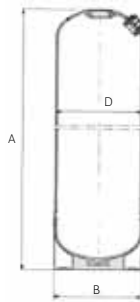
Dome-Hole Residential Pressure Vessels



- Made in U.S.A.;
- composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- 1 ¼" opening on the dome top of the tank with Noryl plug;
- for industrial and potable water treatment systems;
- European 97/23/EC Directive compliant for pressure equipment (PED);
- certification for contact with drinking water following EC directives and KTW recommendations;
- max operating pressure 10 bar;
- max operating temperature 50°C;
- top connection threaded 2 ½" – 8NPSM;
- cycle test 250.000 times from 0,7 to 10 bar;
- burst test to 4 times max operating pressure;
- natural colour;
- warranty 5 years.

REF.	MODEL	VOLUME (liters)	EXTERNAL D (mm)	A (mm)	B (mm)	CONNECTION (inch)
400600	10 x 44 DH	48	257	1122	269	2 ½"
400601	10 x 54 DH	61	257	1378	269	2 ½"
400602	12 x 48 DH	76	304	1217	315	2 ½"
400603	13 x 54 DH	103	364	1370	375	2 ½"

Park Industrial Pressure Vessels with Threaded Top Opening

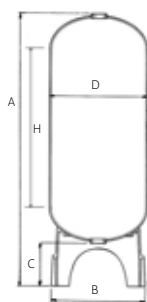


- Made in European Union (Belgium);
- composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- for industrial and potable water treatment systems;
- European 97/23/EC Directive compliant for pressure equipment (PED);
- certification for contact with drinking water following EC directives and KTW recommendations;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- max operating pressure 10 bar;
- max operating temperature 50°C;
- threaded top connection 4"– 8UN;
- cycle test 250.000 times from 0,7 to 10 bar;
- burst test to 4 times max operating pressure;
- blue colour;
- warranty 5 years.

REF.	MODEL	VOLUME (liters)	EXTERNAL DIAMETER (mm)	A (mm)	B (mm)	CONNECTION (inch)
400620	14 x 52	122	369	1360 ± 20	330	4" (*)
400621	14 x 65	140	369	1645 ± 20	380	4" (*)
400622	16 x 52	128	406	1269 ± 20	420	4" (*)
400623	16 x 65	170	406	1632 ± 20	420	4" (*)
400624	18 x 36	138	469	1000 ± 20	510	4"
400625	18 x 53	211	469	1432 ± 20	510	4"
400626	18 x 65	250	469	1726 ± 20	510	4"
400627	21 x 36	164	552	1025 ± 20	510	4"
400628	21 x 53	277	552	1434 ± 20	510	4"
400629	21 x 60	310	552	1625 ± 20	510	4"
400630	24 x 69	450	610	1870 ± 20	510	4"
400631	30 x 72	710	770	2030 ± 20	730	4"
400632	36 x 72	1020	938	2130 ± 20	730	4"

(*) with reduction 2,5"

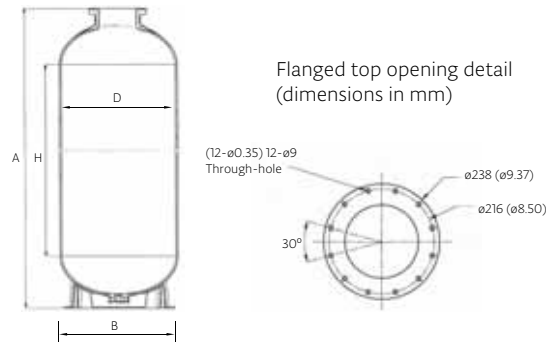
Park Industrial Pressure Vessels with Top & Bottom Threaded Openings



- Made in European Union (Belgium);
- composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- for industrial and potable water treatment systems;
- European 97/23/EC Directive compliant for pressure equipment (PED);
- certification for contact with drinking water following EC directives and KTW recommendations;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- max operating pressure 10 bar;
- max operating temperature 50°C;
- top and bottom threaded connection 4" – 8UN;
- cycle test 250.000 times from 0,7 to 10 bar;
- burst test to 4 times max operating pressure;
- blue colour;
- warranty 5 years.

REF.	MODEL	VOLUME (liters)	EXTERNAL DIAMETER (mm)	A (mm)	B (mm)	C (mm)	H (mm)	CONNECTION (inch)
400650	14 x 65	140	369	2031 ± 20	488	381	1278	4"
400651	16 x 65	170	406	2031 ± 20	497	384	1371	4"
400652	18 x 65	245	469	2080 ± 20	554	404	1350	4"
400653	21 x 60	310	552	1923 ± 20	554	389	1155	4"
400654	24 x 69	450	610	2169 ± 20	615	422	1327	4"
400655	30 x 72	712	770	2248 ± 30	816	413	1313	4"
400656	36 x 72	1080	927	2305 ± 30	1001	408	1266	4"

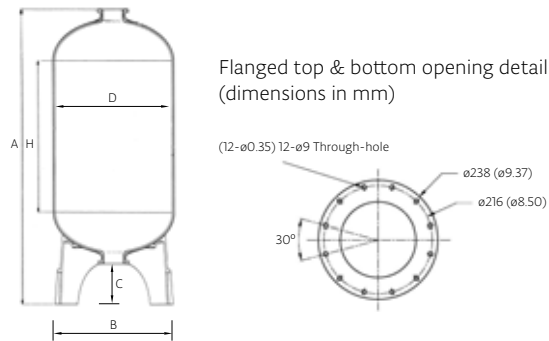
Park Industrial Pressure Vessels with Flanged Top Opening



- Made in European Union (Belgium);
- composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- for industrial and potable water treatment systems;
- European 97/23/EC Directive compliant for pressure equipment (PED);
- certification for contact with drinking water following EC directives and KTW recommendations;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- max operating pressure 10 bar;
- max operating temperature 65°C;
- 6" top connection;
- cycle test 250.000 times from 0,7 to 10 bar;
- burst test to 4 times max operating pressure;
- blue colour;
- warranty 5 years.

REF.	MODEL	VOLUME (liters)	EXTERNAL DIAMETER (mm)	A (mm)	B (mm)	H (mm)	CONNECTION (inch)
400660	18 x 68	248	469	1777 ± 20	510	1344	6"
400661	21 x 62	310	552	1673 ± 20	510	1159	6"
400662	24 x 75	450	610	1908 ± 20	510	1320	6"
400663	30 x 78	710	770	2058 ± 30	768	1282	6"
400664	36 x 78	1020	927	2155 ± 30	768	1235	6"

Park Industrial Pressure Vessels with Flanged Top & Bottom Openings



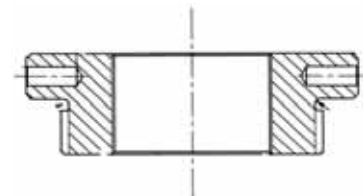
- Made in European Union (Belgium);
- composite pressure vessels PE liner reinforced with fiberglass and epoxy resin;
- for industrial and potable water treatment systems;
- European 97/23/EC Directive compliant for pressure equipment (PED);
- certification for contact with drinking water following EC directives and KTW recommendations;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- max operating pressure 10 bar;
- max operating temperature 65°C;
- top and bottom 6" flange connection;
- cycle test 250.000 times from 0,7 to 10 bar;
- burst test to 4 times max operating pressure;
- blue colour;
- warranty 5 years.

REF.	MODEL	VOLUME (liters)	EXTERNAL DIAMETER (mm)	A (mm)	B (mm)	C (mm)	H (mm)	CONNECTION (inch)
400670	18 x 68	250	469	2120 ± 20	545	240	1344	6"
400671	21 x 66	310	552	2010 ± 20	545	368	1158	6"
400672	24 x 75	450	610	2220 ± 20	620	354	1320	6"
400673	30 x 78	710	770	2285 ± 30	778	365	1284	6"
400674	36 x 78	1020	910	2340 ± 30	955	360	1235	6"
400675	42 x 63	1047	1074	2065 ± 30	1090	440	775	6"
400676	42 x 72	1360	1074	2415 ± 30	1090	440	1142	6"
400677	48 x 72	1840	1220	2430 ± 30	1280	400	1135	6"
400678	63 x 67	2484	1623	2075 ± 30	1575	355	594	6"
400679	63 x 86	3200	1623	2475 ± 30	1575	355	996	6"

Adapters

- adapter 4" – 8UN to 2 ½" – 8NPSM;
- with O-ring.

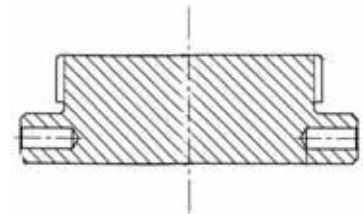
REF.	MODEL	REDUCTION TO
400680	PVC lavorato	2 ½" – 8 NPSM
400681	PVC lavorato	2" BSP



Closures

- closure for 4" – 8UN tanks thread;
- with O-ring.

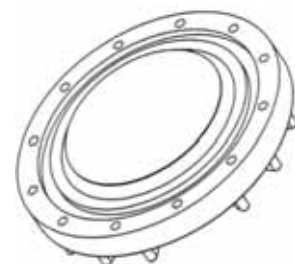
REF.	MATERIAL
400682	PVC machined



6" Closed Flange

- 6" closed flange complete with bolts, nuts, washer and O-ring;
- flange material PVC;
- bolts material AISI 304.

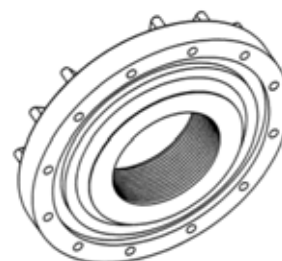
REF.	MATERIAL
400683	6" Closed Flange



6" - 4" Adapter

- 6" flanged adapter 4"-8UN, complete with bolts, nuts, washer and O-ring;
- bolts material AISI 304.

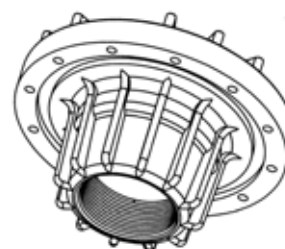
REF.	ADAPTER MATERIAL
400684	PPO
400685	PVC



6" - 3" - 3" Adapter

- 6" flanged x 3" x 3" BSP threaded adapter complete with bolts, nuts, washer and O-ring;
- flange material PPO;
- bolts material AISI 304.

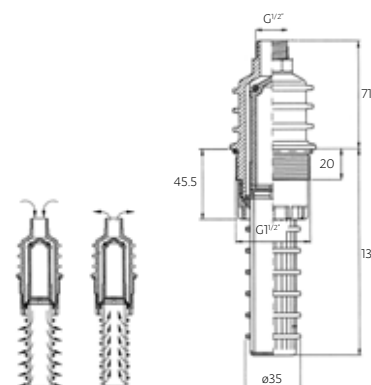
REF.	ADAPTER
400686	6" - 3" - 3"



Aeration Valve & Vacuum Breaker

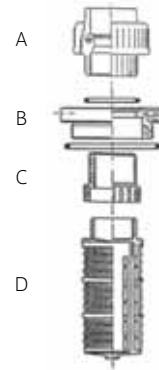
- aeration valve and vacuum breaker in PP;
- connection 1 1/2", drain 1/2";
- max pressure 10 bar;
- max temperature 65°C.

REF.	MATERIAL
400687	conection 1 1/2"



Cylindrical Diffusors

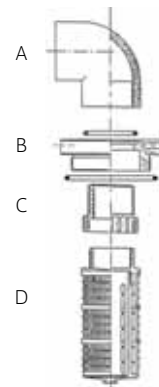
- cylindrical diffuser for vessels with 4" - 8UN, for upper or lower installation;
- outlet connection to glue D.63;
- 0,2 mm slots or 0,5 mm;
- materials: adapter PVC, diffuser PP;
- flow 20 m³/h at Δp 0,2 bar;
- including:
 - A. union D63;
 - B. adapter 4" with O-rings;
 - C. reduction 2" M/F;
 - D. diffuser diameter 85 mm length 180 mm. (0,2 mm slots – 0,5 mm slots).



REF.	SLOTS (mm)	VESSEL
400688	0,2	14" ÷ 36"
400689	0,5	14" ÷ 36"

Cylindrical Diffusors with Elbow

- cylindrical diffuser for vessel 4"-8UN, for upper installation;
- outlet connection with elbow to glue D63;
- 0,2 mm slots or 0,5 mm
- materials: adapter and elbow PVC, diffuser PP;
- flow 20 m³/h at Δp 0,2 bar;
- including:
 - A. elbow D63;
 - B. adapter 4" with O-rings;
 - C. reduction 2" M/F;
 - D. diffuser con diameter 85 mm length 180 mm (0,2 mm slots – 0,5 mm slots).



REF.	SLOTS (mm)	VESSEL
400690	0,2	14" ÷ 36"
400691	0,5	14" ÷ 36"

Flanged Upper Diffusors

- upper diffuser 6" flanged, complete with bolts, nuts, washer and O-ring;
- flange material PVC;
- PP cylindrical diffuser 0,2 mm slots or 0,5 mm slots – see data sheet O2-03-07-EN;
- bolts material AISI 304.

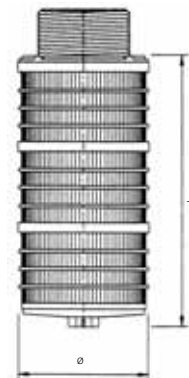
REF.	VESSEL	OUTLET	CYLINDRICAL DIFFUSOR DIAMETER (mm)	CYLINDRICAL DIFFUSOR LENGTH (mm)	SLOTS (mm)	FLOW (m ³ /h) Δp 0,2 bar
400700	18" ÷ 36"	DN65	85	284	0,2	20
400701	24" ÷ 36"	DN80	120	240	0,2	30
400702	42" ÷ 48"	DN80	120	312	0,2	36
400703	63"	DN80	120	384	0,2	50
400704	63"	DN100	120	384	0,2	60
400705	18" ÷ 36"	DN65	85	284	0,5	20
400706	24" ÷ 36"	DN80	120	240	0,5	30
400707	42" ÷ 48"	DN80	120	312	0,5	36
400708	63"	DN80	120	384	0,5	50
400709	63"	DN100	120	384	0,5	60



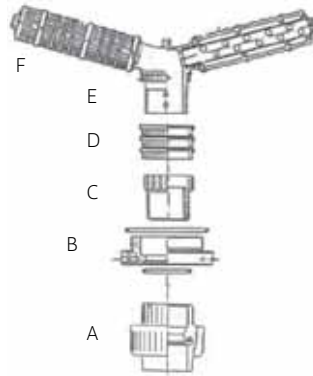
Cylindrical Diffusors

- PP cylindrical diffuser with thread connection 2", 3" or 4";
- slots 0,2 or 0,5 mm.

REF.	CONNECTION	DIAMETER (mm)	LENGTH (mm)	SLOTS (mm)
400710	2"	85	180	0,2
400711	2"	85	284	0,2
400712	2"	85	338	0,2
400713	2"	85	180	0,5
400714	2"	85	284	0,5
400715	2"	85	338	0,5
400716	3"	120	240	0,2
400717	3"	120	312	0,2
400718	3"	120	384	0,2
400719	3"	120	240	0,5
400720	3"	120	312	0,5
400721	3"	120	384	0,5
400722	4"	120	384	0,2
400723	4"	120	384	0,5



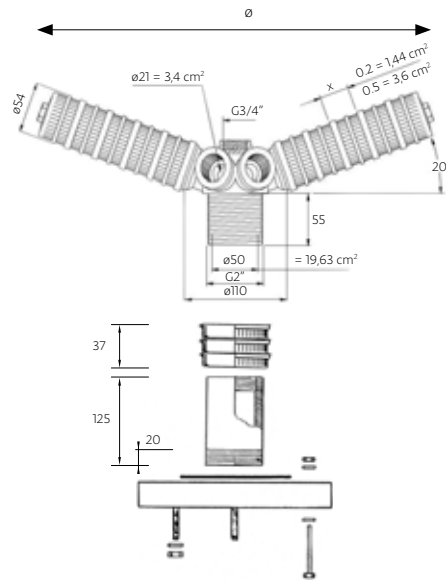
Lower Lateral System



- lower lateral system for vessels with 4" – 8UN opening;
- outlet connection to glue D63;
- slots 0,2 or 0,5 mm;
- materials: adapter PVC, hub and laterals PP;
- including:
 - A. union D63;
 - B. adapter 4" with O-rings;
 - C. reduction 2" M/F;
 - D. n.3 spacers;
 - E. hub;
 - F. n.5 laterals diameter 54 mm, length = see table.

REF.	VESSEL	LATERALS LENGHT (mm)	SLOTS (mm)	FLOW (m ³ /h) Δp 0,2 bar
400740	14" - 16" - 18"	113	0,2	16
400741	21" - 24"	175	0,2	17
400742	30"	237	0,2	18
400743	36"	299	0,2	20
400744	14" - 16" - 18"	113	0,5	16
400745	21" - 24"	175	0,5	17
400746	30"	237	0,5	18
400747	36"	299	0,5	20

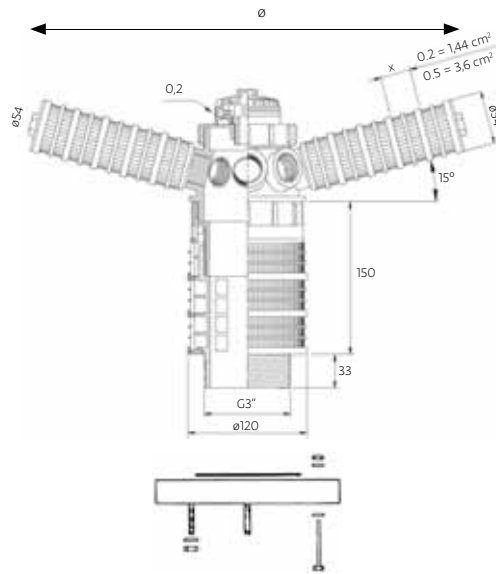
Lower Lateral Systems with 6 Laterals Hub for Flanged Pressure Vessels



- lower lateral system for 6" flanged pressure vessels;
- flange material PVC;
- complete with AISI 304 bolts and washer;
- hub at 6 laterals;
- laterals in PP, slots 0,2 or 0,5 mm, length as table below.

REF.	VESSEL	CONNECTION	LATERALS LENGTH (mm)	DIAMETER Ø (mm)	SLOTS (mm)	FLOW (m ³ /h) Δp 0,2 bar
400770	18" - 21"	DN 65	144	374	0,2	16
400771	24"	DN 65	175	432	0,2	17
400772	30"	DN 65	237	549	0,2	18
400773	36"	DN 65	299	665	0,2	20
400774	18" - 21"	DN 65	144	374	0,5	16
400775	24"	DN 65	175	432	0,5	17
400776	30"	DN 65	237	549	0,5	18
400777	36"	DN 65	299	665	0,5	20

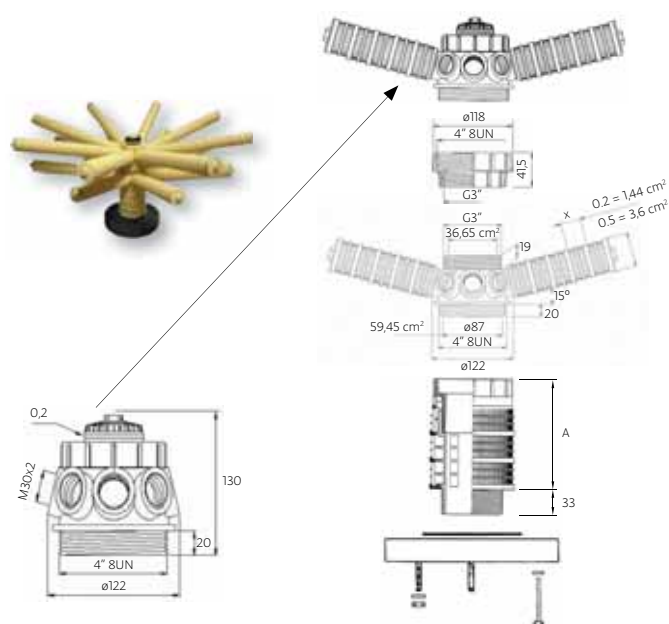
Lower Lateral Systems with 8 Laterals Hub for Flanged Pressure Vessels



- lower lateral system for 6" flanged pressure vessels;
- flange material PVC;
- complete with AISI 304 bolts and washer;
- hub at 8 laterals;
- laterals in PP, slots 0,2 or 0,5 mm, length as table below.

REF.	VESSEL	CONNECTION	LATERALS LENGTH (mm)	DIAMETER Ø (mm)	SLOTS (mm)	FLOW (m³/h) Δp 0,2 bar
400780	30"	DN 65	237	580	0,2	28
400781	36"	DN 65	299	699	0,2	30
400782	24"	DN 80	175	461	0,2	26
400783	30"	DN 80	237	580	0,2	28
400784	36"	DN 80	299	699	0,2	30
400785	30"	DN 65	237	580	0,5	28
400786	36"	DN 65	299	699	0,5	30
400787	24"	DN 80	175	461	0,5	26
400788	30"	DN 80	237	580	0,5	28
400789	36"	DN 80	299	699	0,5	30

Lower Double Lateral Systems for Flanged Pressure Vessels

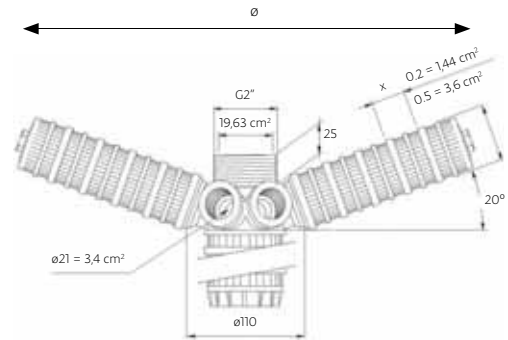


- lower double lateral system for 6" flanged pressure vessels;
- flange material PVC, bolts in AISI 304;
- complete with bolts and washer;
- double hub at 8 + 8 laterals;
- laterals in PP, slots 0,2 or 0,5 mm, length as table below.

REF.	VESSEL	CONNECTION	LATERALS QUANTITY	A (mm)	LATERALS LENGTH (mm)	SYSTEMS DIAMETERS (mm)	SLOTS (mm)	FLOW (m ³ /h) Δp 0,2 bar
400790	42"	DN 80	8 + 8	150	361 423	819 939	0,2	32
400791	48"	DN 80	8 + 8	150	423 485	939 1059	0,2	36
400792	63"	DN 80	8 + 8	190	578 640	1239 1359	0,2	50
400793	63"	DN 100	8 + 8	190	578 640	1239 1359	0,2	60
400794	42"	DN 80	8 + 8	150	361 423	819 939	0,5	32
400795	48"	DN 80	8 + 8	150	423 485	939 1059	0,5	36
400796	63"	DN 80	8 + 8	190	578 640	1239 1359	0,5	50
400797	63"	DN 100	8 + 8	190	578 640	1239 1359	0,5	60

Top Mount Lower Lateral Systems for Flanged Pressure Vessels

- lower lateral system for 6" flanged pressure vessels for top mount valve, with 6 laterals;
- material hub and laterals PP, length as table below;
- slots 0,2 or 0,5 mm;
- to install with 2" adapter for the needed riser tube diameter.

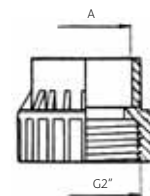


REF.	VESSEL	LATERALS LENGTH (mm)	DIAMETER Ø (mm)	SLOTS (mm)	FLOW (m³/h) Δp 0,2 bar
400800	18" - 21"	144	374	0,2	16
400801	24"	175	432	0,2	17
400802	30"	237	549	0,2	18
400803	36"	299	665	0,2	20
400804	18" - 21"	144	374	0,5	16
400805	24"	175	432	0,5	17
400806	30"	237	549	0,5	18
400807	36"	299	665	0,5	20

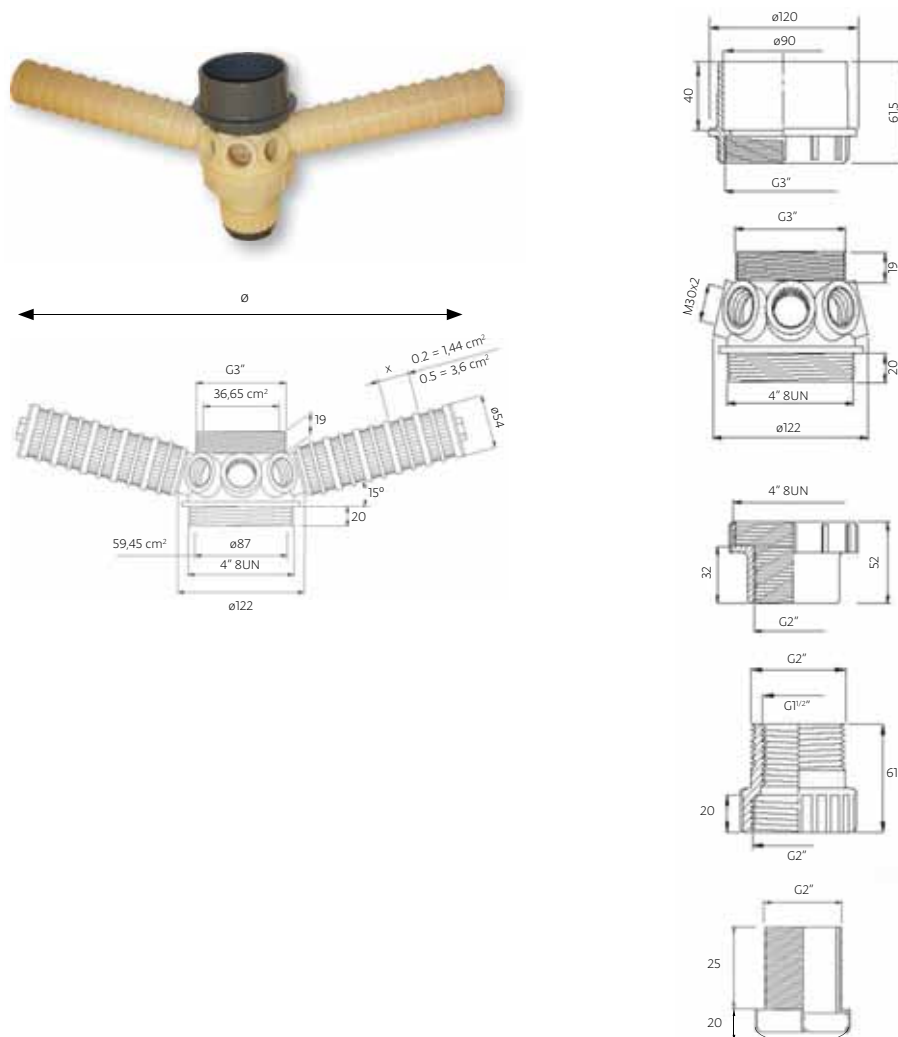
2" Gas Adapter

- 2" GAS adapters with connection to glue;
- material PVC.

REF.	CONNECTION TO GLUE (mm)
400810	41,8
400811	48,3
400812	50,0
400813	63,0



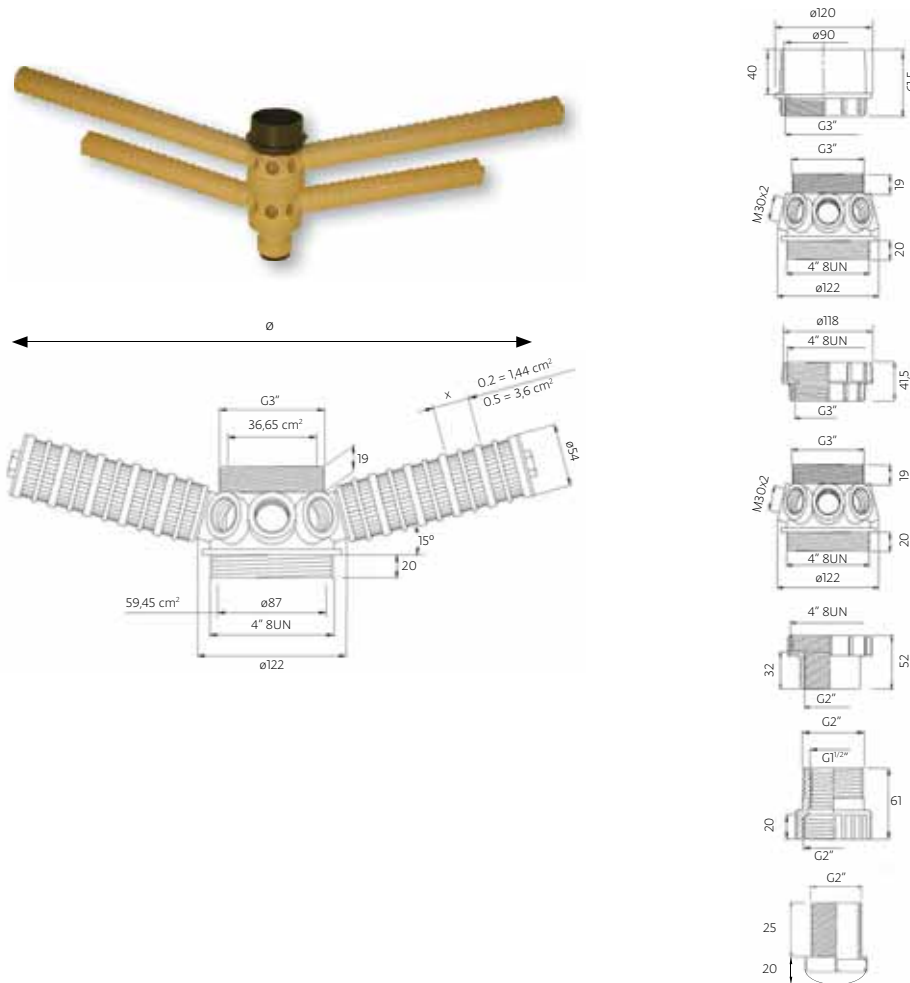
Top Mount Lower Lateral Systems for Tubes Diameter 90 mm



- lower lateral system for 6" flanged pressure vessels for top mount valve, with 8 laterals;
- material hub and laterals PP, length as table below;
- slots 0,2;
- to glue on tube diameter 90 mm.

REF.	PRESSURE VESSEL	LATERALS LENGTH (mm)	DIAMETER Ø (mm)	SLOTS (mm)	FLOW (m ³ /h) Δp 0,2 bar
400820	30"	237	580	0,2	28
400821	36"	299	699	0,2	30

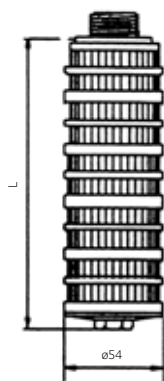
Top Mount Lower Double Lateral Systems for Tubes Diameter 90 mm



- lower lateral system for 6" flanged pressure vessels for top mount valve, with 8+8 laterals;
- material hub and laterals PP, length as table below;
- slots 0,2;
- to glue on tube diameter 90 mm.

REF.	PRESSURE VESSEL	LATERALS QUANTITY	LATERALS LENGTH (mm)	DIAMETERS Ø (mm)	SLOTS (mm)	FLOW (m³/h) Δp 0,2 bar
400825	42"	8 + 8	299 423	699 939	0,2	31
400826	48"	8 + 8	361 485	819 1059	0,2	34

Cylindrical Laterals



- cylindrical laterals with threaded connection
- M 30x2;
- material PP;
- diameter 54 mm;
- slots 0,2 or 0,5 mm.

LATERALS WITH 0,2 mm SLOTS											
REF.	400830	400831	400832	400833	400834	400835	400836	400837	400838	400839	400840
LENGTH (mm)	113	144	175	206	237	299	361	423	485	578	640

LATERALS WITH 0,5 mm SLOTS											
REF.	400841	400842	400843	400844	400845	400846	400847	400848	400849	400850	400851
LENGTH (mm)	113	144	175	206	237	299	361	423	485	578	640

Flange Coupling Kit



- for 6" flanged pressure vessels;
- including flange adaptor and coupling flange in PVC;
- with o-ring in EPDM.

REF.	CONNECTION
400855	DN65
400856	DN80
400857	DN100

Mineral Tank Funnels



REF. 400860



REF. 400861



- The tank funnels are designed for filling mineral tanks with granular media and ion exchange resin;
- the funnels are designed to fit 2,5", 4" and 6" mineral tank openings;
- these economical funnels are nestable to reduce shipping and storage costs;
- the funnel ref. 400861 snaps into a 4" or 6" mineral tank opening for stability when pouring media. The neck of the funnel has been carefully designed to allow trapped air inside the mineral tank to escape when media is poured in. This heavy duty part is blow molded out of high density polyethylene for exceptional strength and durability. The oval design provides an extra wide opening for ease of use when pouring. Handles are molded into the funnel for added convenience.

REF.	DESCRIPTION
400860	Funnel 2,5" openings
400861	Funnel 4" and 6" openings

Cabinets



- Cabinets for Softeners Mini Cab Series
- Cabinets for Softeners New Junior Series
 - Cabinets for Softeners Slim Line Series
 - Cabinets for Softeners Slim Surf Series
 - Cabinets for Softeners Top Line Series
 - Cabinets for Softeners Top Surf Series
- Cabinets for Softeners Top Line Clear Series
- Cabinets for Softeners Top Surf Clear Series
 - Cabinets for Softeners New Crystal
 - Cabinets for Softeners New Iceberg
 - Cabinets for Softeners Ocean Series
 - Cabinets for Softeners Logix Series
 - Cabinets for Softeners Crystal Series
 - Cabinets for Softeners Iceberg Series
 - Cabinets for Softeners Joker Series
 - Cabinets for Softeners New Series
- Cabinets for Softeners "Mini" – "Maxi" Series

Cabinets for Softeners

Mini Cab Series

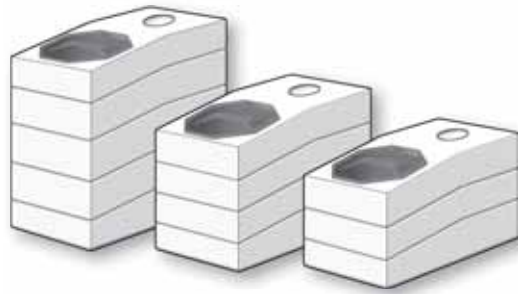


- cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- materials: tank in HDPE, cover in polystyrene;
- standard colours: white tank and blue or black cover;
- on demand and for quantities we can realize customized colours.

REF. WITH WHITE TANK AND BLUE COVER	400900	400902
REF. WITH WHITE TANK AND BLACK COVER	400901	400903
MODEL	MINI CAB 13	MINI CAB 13
WIDTH (mm)	220	220
LENGTH (mm)	365	365
HEIGHT (mm)	333	333
WITH TANK	6 x 13	7 x 13

Cabinets for Softeners

New Junior Series



- cabinets for residential softeners, complete with salt lid;
- materials: tank in HDPE, salt lid in polystyrene;
- colours: tank white, salt lid black:
- different colours available on demand.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
400910	NEW JUNIOR 13	240	435	330	6 x 13
400911	NEW JUNIOR 13	240	435	330	7 x 13
400912	NEW JUNIOR 13	240	435	330	8 x 13
400913	NEW JUNIOR 17	240	435	432	7 x 17
400914	NEW JUNIOR 17	240	435	432	8 x 17
400915	NEW JUNIOR 24	240	435	610	7 x 24
400916	NEW JUNIOR 24	240	435	610	8 x 24

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400920	BRINE WELL FOR 17"	100	220
400942	BRINE WELL FOR 24"	100	342
400943	BRINE WELL FOR 35"	100	520

Cabinets for Softeners Slim Line Series



- cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- materials: tank in HDPE, cover in polystyrene;
- standard colours: white tank and blue cover;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
400930	SLIM LINE 17	320	500	440	7 x 17
400931	SLIM LINE 17	320	500	440	8 x 17
400932	SLIM LINE 17	320	500	440	9 x 17
400933	SLIM LINE 17	320	500	440	10 x 17
400934	SLIM LINE 24	320	500	620	7 x 24
400935	SLIM LINE 24	320	500	620	8 x 24
400936	SLIM LINE 24	320	500	620	9 x 24
400937	SLIM LINE 24	320	500	620	10 x 24
400938	SLIM LINE 35	320	500	900	7 x 35
400939	SLIM LINE 35	320	500	900	8 x 35
400940	SLIM LINE 35	320	500	900	9 x 35
400941	SLIM LINE 35	320	500	900	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR 17"	100	340
400943	BRINE WELL FOR 24"	100	520
400944	BRINE WELL FOR 35"	100	780

Cabinets for Softeners

Slim Surf Series



- cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- materials: tank in HDPE, cover in polystyrene;
- standard colours: white tank and blue cover;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
400950	SLIM SURF 17	320	500	440	7 x 17
400951	SLIM SURF 17	320	500	440	8 x 17
400952	SLIM SURF 17	320	500	440	9 x 17
400953	SLIM SURF 17	320	500	440	10 x 17
400954	SLIM SURF 24	320	500	620	7 x 24
400955	SLIM SURF 24	320	500	620	8 x 24
400956	SLIM SURF 24	320	500	620	9 x 24
400957	SLIM SURF 24	320	500	620	10 x 24
400958	SLIM SURF 35	320	500	900	7 x 35
400959	SLIM SURF 35	320	500	900	8 x 35
400960	SLIM SURF 35	320	500	900	9 x 35
400961	SLIM SURF 35	320	500	900	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR 17"	100	340
400943	BRINE WELL FOR 24"	100	520
400944	BRINE WELL FOR 35"	100	780

Cabinets for Softeners Top Line Series



- cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- materials: tank in HDPE, cover in polystyrene;
- standard colours: white tank and blue cover;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
400970	TOP LINE 17	320	500	670	7 x 17
400971	TOP LINE 17	320	500	670	8 x 17
400972	TOP LINE 17	320	500	670	9 x 17
400973	TOP LINE 17	320	500	670	10 x 17
400974	TOP LINE 24	320	500	840	7 x 24
400975	TOP LINE 24	320	500	840	8 x 24
400976	TOP LINE 24	320	500	840	9 x 24
400977	TOP LINE 24	320	500	840	10 x 24
400978	TOP LINE 35	320	500	1140	7 x 35
400979	TOP LINE 35	320	500	1140	8 x 35
400980	TOP LINE 35	320	500	1140	9 x 35
400981	TOP LINE 35	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR 17"	100	340
400943	BRINE WELL FOR 24"	100	520
400944	BRINE WELL FOR 35"	100	780

Cabinets for Softeners Top Surf Series



- cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- materials: tank in HDPE, cover in polystyrene;
- standard colours: white tank and blue cover;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405001	TOP SURF 17	320	500	670	7 x 17
405002	TOP SURF 17	320	500	670	8 x 17
405003	TOP SURF 17	320	500	670	9 x 17
405004	TOP SURF 17	320	500	670	10 x 17
405005	TOP SURF 24	320	500	840	7 x 24
405006	TOP SURF 24	320	500	840	8 x 24
405007	TOP SURF 24	320	500	840	9 x 24
405008	TOP SURF 24	320	500	840	10 x 24
405009	TOP SURF 35	320	500	1140	7 x 35
405010	TOP SURF 35	320	500	1140	8 x 35
405011	TOP SURF 35	320	500	1140	9 x 35
405012	TOP SURF 35	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR 17"	100	340
400943	BRINE WELL FOR 24"	100	520
400944	BRINE WELL FOR 35"	100	780

Cabinets for Softeners

Top Line Clear Series



- cabinets for residential softeners, complete with salt lid and cover of exclusive design with transparent insert;
- materials: tank in HDPE, cover in polystyrene;
- standard colours: white tank and blue cover;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405100	TOP LINE CLEAR 17	320	500	670	7 x 17
405101	TOP LINE CLEAR 17	320	500	670	8 x 17
405102	TOP LINE CLEAR 17	320	500	670	9 x 17
405103	TOP LINE CLEAR 17	320	500	670	10 x 17
405104	TOP LINE CLEAR 24	320	500	840	7 x 24
405105	TOP LINE CLEAR 24	320	500	840	8 x 24
405106	TOP LINE CLEAR 24	320	500	840	9 x 24
405107	TOP LINE CLEAR 24	320	500	840	10 x 24
405108	TOP LINE CLEAR 35	320	500	1140	7 x 35
405109	TOP LINE CLEAR 35	320	500	1140	8 x 35
405110	TOP LINE CLEAR 35	320	500	1140	9 x 35
405111	TOP LINE CLEAR 35	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR 17"	100	340
400943	BRINE WELL FOR 24"	100	520
400944	BRINE WELL FOR 35"	100	780

Cabinets for Softeners Top Surf Clear Series



- cabinets for residential softeners, complete with salt lid and cover of exclusive design with transparent insert;
- materials: tank in HDPE, cover in polystyrene;
- standard colours: white tank and blue cover;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405200	TOP SURF CLEAR 17	320	500	670	7 x 17
405201	TOP SURF CLEAR 17	320	500	670	8 x 17
405202	TOP SURF CLEAR 17	320	500	670	9 x 17
405203	TOP SURF CLEAR 17	320	500	670	10 x 17
405204	TOP SURF CLEAR 24	320	500	840	7 x 24
405205	TOP SURF CLEAR 24	320	500	840	8 x 24
405206	TOP SURF CLEAR 24	320	500	840	9 x 24
405207	TOP SURF CLEAR 24	320	500	840	10 x 24
405208	TOP SURF CLEAR 35	320	500	1140	7 x 35
405209	TOP SURF CLEAR 35	320	500	1140	8 x 35
405210	TOP SURF CLEAR 35	320	500	1140	9 x 35
405211	TOP SURF CLEAR 35	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR 17"	100	340
400943	BRINE WELL FOR 24"	100	520
400944	BRINE WELL FOR 35"	100	780

Cabinets for Softeners

New Crystal



- cabinets for residential softeners, complete with salt lid and cover of exclusive design with clear insert;
- materials: tank and salt lid in HDPE, cover in polystyrene;
- standard colours:
white tank and blue cover;
- other colours available:
tank grey;
cover white or black;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405300	NEWMINI CRYSTAL	320	500	670	7 x 17
405301	NEWMINI CRYSTAL	320	500	670	8 x 17
405302	NEWMINI CRYSTAL	320	500	670	9 x 17
405303	NEWMINI CRYSTAL	320	500	670	10 x 17
405304	NEWMIDI CRYSTAL	320	500	1010	7 x 30
405305	NEWMIDI CRYSTAL	320	500	1010	8 x 30
405306	NEWMIDI CRYSTAL	320	500	1010	9 x 30
405307	NEWMIDI CRYSTAL	320	500	1010	10 x 30
405308	NEWMAXI CRYSTAL	320	500	1140	7 x 35
405309	NEWMAXI CRYSTAL	320	500	1140	8 x 35
405310	NEWMAXI CRYSTAL	320	500	1140	9 x 35
405311	NEWMAXI CRYSTAL	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR NEWMINI	100	342
400945	BRINE WELL FOR NEWMIDI	100	690
400946	BRINE WELL FOR NEWMAXI	100	820

Cabinets for Softeners New Iceberg



- cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- materials: tank and salt lid in HDPE, cover in polystyrene;
- standard colours: white tank and blue cover with white insert;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405400	NEWMINI ICEBERG	320	500	670	7 x 17
405401	NEWMINI ICEBERG	320	500	670	8 x 17
405402	NEWMINI ICEBERG	320	500	670	9 x 17
405403	NEWMINI ICEBERG	320	500	670	10 x 17
405404	NEWMIDI ICEBERG	320	500	840	7 x 30
405405	NEWMIDI ICEBERG	320	500	840	8 x 30
405406	NEWMIDI ICEBERG	320	500	840	9 x 30
405407	NEWMIDI ICEBERG	320	500	840	10 x 30
405408	NEWMAXI ICEBERG	320	500	1140	7 x 35
405409	NEWMAXI ICEBERG	320	500	1140	8 x 35
405410	NEWMAXI ICEBERG	320	500	1140	9 x 35
405411	NEWMAXI ICEBERG	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR NEWMINI	100	342
400943	BRINE WELL FOR NEWMIDI	100	690
400944	BRINE WELL FOR NEWMAXI	100	820

Cabinets for Softeners Ocean Series



- cabinets for residential softeners complete with new design cover with clear insert;
- material tank HDPE, cover in polystyrene;
- standard colours:
white tank and blue cover;
- other colours available:
tank grey;
cover white or black;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405500	NEWMINI OCEAN	320	500	670	7 x 17
405501	NEWMINI OCEAN	320	500	670	8 x 17
405502	NEWMINI OCEAN	320	500	670	9 x 17
405503	NEWMINI OCEAN	320	500	670	10 x 17
405504	NEWMIDI OCEAN	320	500	1010	7 x 30
405505	NEWMIDI OCEAN	320	500	1010	8 x 30
405506	NEWMIDI OCEAN	320	500	1010	9 x 30
405507	NEWMIDI OCEAN	320	500	1010	10 x 30
405508	NEWMAXI OCEAN	320	500	1140	7 x 35
405509	NEWMAXI OCEAN	320	500	1140	8 x 35
405510	NEWMAXI OCEAN	320	500	1140	9 x 35
405511	NEWMAXI OCEAN	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR NEWMINI	100	342
400945	BRINE WELL FOR NEWMIDI	100	690
400946	BRINE WELL FOR NEWMAXI	100	820

Cabinets for Softeners Logix Series



- cabinets for residential softeners complete with special cover for integrate installation of LOGIX control Autotrol valves;
- materials: tank in HDPE, cover in polystyrene;
- standard colours:
white tank and blue cover;
- other colours available:
tank grey;
cover white or black;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405600	NEWMINI LOGIX	320	500	670	7 x 17
405601	NEWMINI LOGIX	320	500	670	8 x 17
405602	NEWMINI LOGIX	320	500	670	9 x 17
405603	NEWMINI LOGIX	320	500	670	10 x 17
405604	NEWMIDI LOGIX	320	500	1010	7 x 30
405605	NEWMIDI LOGIX	320	500	1010	8 x 30
405606	NEWMIDI LOGIX	320	500	1010	9 x 30
405607	NEWMIDI LOGIX	320	500	1010	10 x 30
405608	NEWMAXI LOGIX	320	500	1140	7 x 35
405609	NEWMAXI LOGIX	320	500	1140	8 x 35
405610	NEWMAXI LOGIX	320	500	1140	9 x 35
405611	NEWMAXI LOGIX	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR NEWMINI	100	342
400945	BRINE WELL FOR NEWMIDI	100	690
400946	BRINE WELL FOR NEWMAXI	100	820

Cabinets for Softeners Crystal Series



- cabinets for residential softeners, complete with salt lid and cover of exclusive design with clear insert;
- materials: tank and salt lid in HDPE, cover in polystyrene;
- standard colours:
white tank and blue cover;
- other colours available:
tank grey; cover white or black;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405700	MINI CRYSTAL	320	500	670	7 x 17
405701	MINI CRYSTAL	320	500	670	8 x 17
405702	MINI CRYSTAL	320	500	670	9 x 17
405703	MINI CRYSTAL	320	500	670	10 x 17
405704	MAXI CRYSTAL	320	500	1140	7 x 35
405705	MAXI CRYSTAL	320	500	1140	8 x 35
405706	MAXI CRYSTAL	320	500	1140	9 x 35
405707	MAXI CRYSTAL	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR MINI	100	342
400946	BRINE WELL FOR MAXI	100	820

Cabinets for Softeners Iceberg Series



- cabinets for residential softeners, complete with salt lid and cover of exclusive design;
- materials: tank and salt lid in HDPE, cover in polystyrene;
- standard colours:
 tank and salt lid white;
 blue cover with white insert;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
405800	MINI ICEBERG	320	500	670	7 x 17
405801	MINI ICEBERG	320	500	670	8 x 17
405802	MINI ICEBERG	320	500	670	9 x 17
405803	MINI ICEBERG	320	500	670	10 x 17
405804	MAXI ICEBERG	320	500	1140	7 x 35
405805	MAXI ICEBERG	320	500	1140	8 x 35
405806	MAXI ICEBERG	320	500	1140	9 x 35
405807	MAXI ICEBERG	320	500	1140	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR MINI	100	342
400946	BRINE WELL FOR MAXI	100	820

Cabinets for Softeners

Joker Series



- JOKER brine/resin tanks that can be combined in special bi-blocs cabinets;
- capacity as brine tank 82 liters; suitable to fit 7" - 8" - 9" - 10" x 35" tanks as resin tank;
- overall dimensions 310 x 310 mm height 900 mm;
- material: tank in HDPE, cover in ABS; standard colours as per table; special colours available on request.

JOKER BRINE TANKS

REF.	MODEL	COLOURS	WITH TANK
405900	JOKER 7 x35	WHITE WITH BLACK COVER	7 x 35
405901	JOKER 8 x 35	WHITE WITH BLACK COVER	8 x 35
405902	JOKER 9 x 35	WHITE WITH BLACK COVER	9 x 35
405903	JOKER 10 x 35	WHITE WITH BLACK COVER	10 x 35
405904	JOKER 7 x 35	WHITE WITH BLUE COVER	7 x 35
405905	JOKER 8 x 35	WHITE WITH BLUE COVER	8 x 35
405906	JOKER 9 x 35	WHITE WITH BLUE COVER	9 x 35
405907	JOKER 10 x 35	WHITE WITH BLUE COVER	10 x 35
405908	JOKER 7 x 35	WHITE WITH WHITE COVER	7 x 35
405909	JOKER 8 x 35	WHITE WITH WHITE COVER	8 x 35
405910	JOKER 9 x 35	WHITE WITH WHITE COVER	9 x 35
405911	JOKER 10 x 35	WHITE WITH WHITE COVER	10 x 35

JOKER RESIN TANK

REF.	MODEL	COLOURS
405920	JOKER A	WHITE WITH BLACK COVER
405921	JOKER A	WHITE WITH BLUE COVER
405922	JOKER A	WHITE WITH WHITE COVER
405923	JOKER B	WHITE WITH BLACK COVER
405924	JOKER B	WHITE WITH BLUE COVER
405925	JOKER B	WHITE WITH WHITE COVER

ACCESSORIE:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400946	BRINE WELL	100	820

Cabinets for Softeners

New Series



- cabinets for residential softeners;
- materials: tank in HDPE, salt lid in polystyrene;
- standard colours:
white tank and white salt lid;
- other colours available:
grey tank;
black salt lid;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
406000	NEWMINI	320	500	435	7 x 17
406001	NEWMINI	320	500	435	8 x 17
406002	NEWMINI	320	500	435	9 x 17
406003	NEWMINI	320	500	435	10 x 17
406004	NEWMIDI	320	500	775	7 x 30
406005	NEWMIDI	320	500	775	8 x 30
406006	NEWMIDI	320	500	775	9 x 30
406007	NEWMIDI	320	500	775	10 x 30
406008	NEWMAXI	320	500	895	7 x 35
406009	NEWMAXI	320	500	895	8 x 35
406010	NEWMAXI	320	500	895	9 x 35
406011	NEWMAXI	320	500	895	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR NEWMINI	100	342
400945	BRINE WELL FOR NEWMIDI	100	690
400946	BRINE WELL FOR NEWMAXI	100	820

Cabinets for Softeners “Mini” – “Maxi” Series



- cabinets for residential softeners;
- materials: tank in HDPE, salt lid in polystyrene;
- standard colours:
white tank and white salt lid;
- other colours available:
grey tank and black salt lid;
- on demand and for quantities we can realize customized colours.

REF.	MODEL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	WITH TANK
406100	MINI	320	500	435	7 x 17
406101	MINI	320	500	435	8 x 17
406111	MINI	320	500	435	9 x 17
406112	MINI	320	500	435	10 x 17
406113	MAXI	320	500	895	7 x 35
406114	MAXI	320	500	895	8 x 35
406115	MAXI	320	500	895	9 x 35
406116	MAXI	320	500	895	10 x 35

ACCESSORIES:

REF.	DESCRIPTION	DIAMETER (mm)	HEIGHT (mm)
400942	BRINE WELL FOR MINI	100	342
400946	BRINE WELL FOR MAXI	100	820

Brine tanks



- Residential Square Brine Tank
- Residential Round Brine Tanks
 - Industrial Round Brine Tanks
- Potassium Permanganate Feeder

Residential Square Brine Tank



- brine tank material HDPE;
- complete with cover in ABS;
- dimensions 380 x 380 mm, height 790 mm;
- capacity 85 liters;
- available multiple packaging of 30 pcs per pallet.

REF.	TANK COLOUR	COVER COLOUR
406140	White	Blue
406141	White	White
406142	White	Black

ACCESSORIES:

SALT GRID

- material HDPE;
- height 200 mm;
- hole for brine well diameter 100 mm;
- salt grid holes $\varnothing = 2$ mm.

REF.	MODEL
406143	SALT GRID



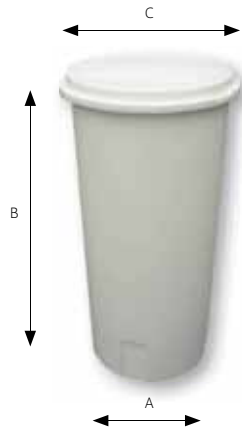
BRINE WELL

- material PVC with cover;
- diameter 100 mm;
- height 640 mm.

REF.	MODEL
406144	BRINE WELL



Residential Round Brine Tanks



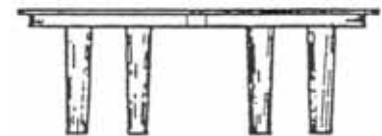
- brine tanks complete with cover;
- material HDPE, rotomolded;
- single or multiple packaging of 20 pcs per pallet for 140 liters brine tanks and 16 pcs per pallet for 190 liters brine tanks;
- colour white opaque UVA ray resistant; color colours available: white, blue or black.

REF.	CAPACITY (liters)	COVER COLOUR	OVERALL DIMENSIONS		
			A (mm)	B (mm)	C (mm)
406120	140	White	460	843	565
406121	140	Blue	460	843	565
406122	140	Black	460	843	565
406123	190	White	460	1123	565
406124	190	Blue	460	1123	565
406125	190	Black	460	1123	565

ACCESSORIES:

SALT GRIDS

- material HDPE;
- hole for brine well diameter 100 mm;
- salt gride holes $\bullet / = 3$ mm.



REF.	HEIGHT (mm)	DIAMETER (mm)	DIAMETER (inch)
406127	130	457	18"
406128	200	457	18"
406129	270	457	18"

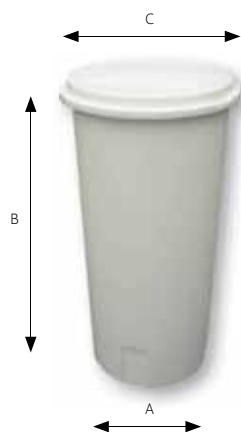
BRINE WELLS

- material PVC with cover;
- diameter 100 mm.

REF.	HEIGHT (mm)	FOR BRINE TANKS (liters)
400945	690	140
400948	970	190



Industrial Round Brine Tanks



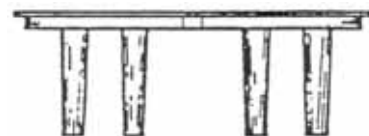
- brine tanks complete with cover;
- material HDPE, rotomolded;
- single or multiple packaging of 3 pcs per pallet;
- colour white opaque UVA ray resistant;
- cover colours available: white, blue or black.

REF.	CAPACITY (liters)	COVER COLOUR	OVERALL DIMENSIONS		
			A (mm)	B (mm)	C (mm)
406130	340	White	594	1200	723
406131	340	Blue	594	1200	723
406132	340	Black	594	1200	723
406133	460	White	703	1196	833
406134	460	Blue	703	1196	833
406135	460	Black	703	1196	833

ACCESSORIES:

SALT GRIDS

- material HDPE;
- hole for brine well diameter 160 mm;
- salt gride holes $\varnothing = 5$ mm.



REF.	HEIGHT (mm)	DIAMETER (mm)	FOR BRINE TANKS (liters)
406140	375	600	340
406141	375	700	460

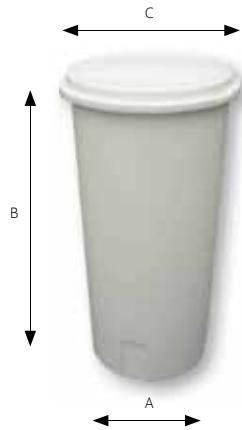
BRINE WELL

- material PVC with cover;
- diameter 160 mm;
- height 1050 mm.

REF.	MODEL
406142	BRINE WELL



Industrial Round Brine Tanks



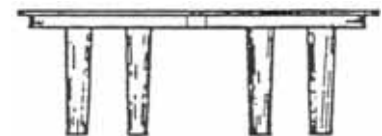
- brine tanks complete with cover;
- material HDPE, rotomolded;
- single or multiple packaging of 3 pcs per pallet;
- colour white opaque UVA ray resistant;
- cover colours available: white, blue or black.

REF.	CAPACITY (liters)	COVER COLOUR	OVERALL DIMENSIONS		
			A (mm)	B (mm)	C (mm)
406150	670	White	847	1196	973
406151	670	Blue	847	1196	973
406152	670	Black	847	1196	973
406153	920	White	997	1206	1123
406154	920	Blue	997	1206	1123
406155	920	Black	997	1206	1123

ACCESSORIES:

SALT GRIDS

- material HDPE;
- hole for brine well diameter 160 mm;
- salt grid holes $\varnothing = 5$ mm.



REF.	HEIGHT (mm)	DIAMETER (mm)	FOR BRINE TANKS (liters)
406157	375	835	670
406158	375	1010	920

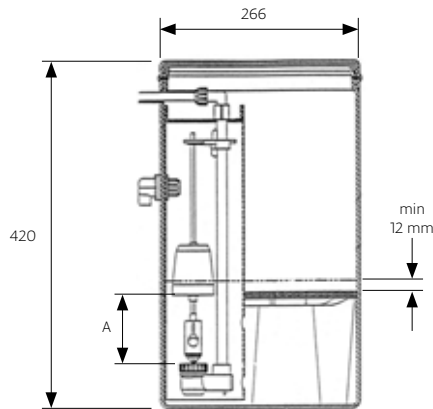
BRINE WELL

- material PVC with cover;
- diameter 160 mm;
- height 1050 mm.

REF.	MODEL
406159	BRINE WELL



Potassium Permanganate Feeder



- feeder for potassium permanganate solution, to realize automatic iron removal systems with manganese greensand;
- complete with floating valve, well, special grid for permanganate, overflow, safety screw for cover;
- material: polyethylene;
- dimensions: diameter 266 mm, height 420 mm;
- storage KMnO_4 capacity: 13,6 kg;
- connection for 3/8" tubing;
- colour black.

REF.	MODEL
406160	Potassium Permanganate Feeder

Float setting:

Suggested dose of regenerant: $2 \div 4$ g KMnO_4 per greensand liter

KMnO_4 solution: 30 g/l at 10°C

60 g/l at 22°C

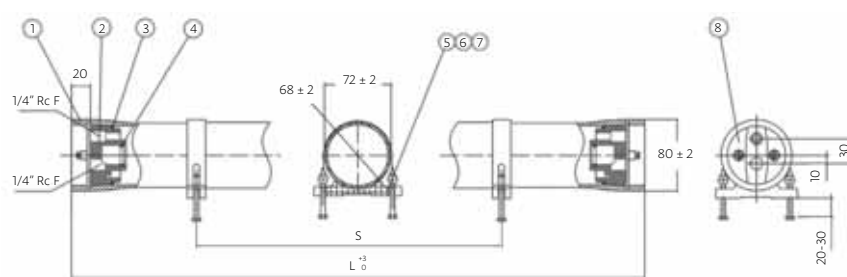
Minimum A floating setting at 108 mm is equivalent to 4 liters of solution.

Membrane vessels & accessories



- 2 ½" Membrane Vessels End Port Series 300 (21 bar)
- 2 ½" Membrane Vessels End Port Series 1000 (69 bar)
 - 4" Membrane Vessels End Port Series 300 (21 bar)
 - 4" Membrane Vessels End Port Series 450 (31 bar)
 - 4" Membrane Vessels End Port Series 1000 (69 bar)
- 4" Membrane Vessels Side Port Series 300 (21 bar)
- 4" Membrane Vessels Side Port Series 1000 (69 bar)
- 8" Membrane Vessels End Port Series 300 (21 bar)
- 8" Membrane Vessels End Port Series 450 (31 bar)
- 8" Membrane Vessels End Port Series 600 (41 bar)
- 8" Membrane Vessels End Port Series 1000 (69 bar)
 - 8" End Port 300-450 Psi Vessels Spare Parts
 - 8" End Port 600-1000 Psi Vessels Spare Parts
- 8" Side Port Vessels Feed / Concentrate Port Options
- 8" Membrane Vessels Side Port Series 300 S-8 (21 bar)
- 8" Membrane Vessels Side Port Series 450 S-8 (31 bar)
- 8" Membrane Vessels Side Port Series 600 S-8 (41 bar)
- 8" Membrane Vessels Side Port Series 1000 S-8 (69 bar)
 - 8" Side Port 300-450 Psi Vessels Spare Parts
 - 8" Side Port 600-1000 Psi Vessels Spare Parts
- 8" Membrane Adapters
 - Blank Adapter Kit
- Victaulic Style Couplings
 - Stub Pipes
- Rotary Pumps for R.O.
- Motors for Rotary Pumps
- Adapter Couplings and Adapters for Rotary Pumps

2 ½" Membrane Vessels End Port Series 300 E-2.5



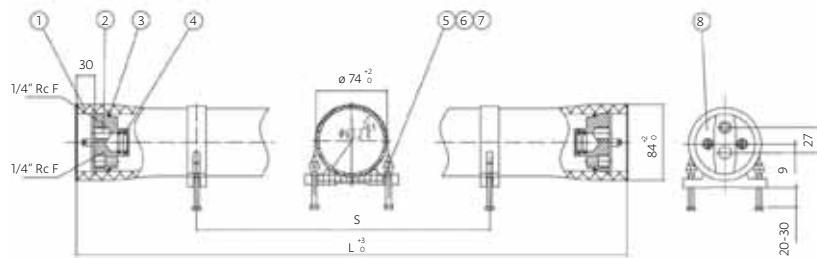
- fiberglass reinforced plastic pressure vessels series 300 E-2.5, D.75" direct connection, white painted, UVA-ray proof material;
- end-cap in ABS;
- max operating pressure 300 psi (21 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessels is factory tested st 1,5 times max operating pressure;
- connections: feed/concentrate 1/4" Rc female, permeate 1/4" Rc female;
- straps and saddled included.

REF.	MODEL	ELEMENTS	L (mm)	S (mm)
407000	300 E - 2514	1 x 14"	431	200
407001	300 E - 2521	1 x 21"	609	400
407002	300 E - 2.5 -1	1 x 40"	1092	700

SPARE PARTS

ITEM	REF.	DESCRIPTION	QUANTITY	MATERIAL	REMARK
1		Pressure Shell	1	Epoxy FRP	White
2	407100	End Plate	2	ABS	
3	407101	Head Seal	2	EPDM	56 x 3,55
4	407102	Adapter Seal	2	EPDM	19 x 2,65
5	407103	Saddle	2	Rubber	
6	407104	Strap Screw	4	AISI 304	M6 x 60
7 + 6	407105	Strap	2	AISI 304 - Rubber	
8	407106	Seeger	4	AISI 304	

2 ½" Membrane Vessels End Port Series 1000 E-2.5



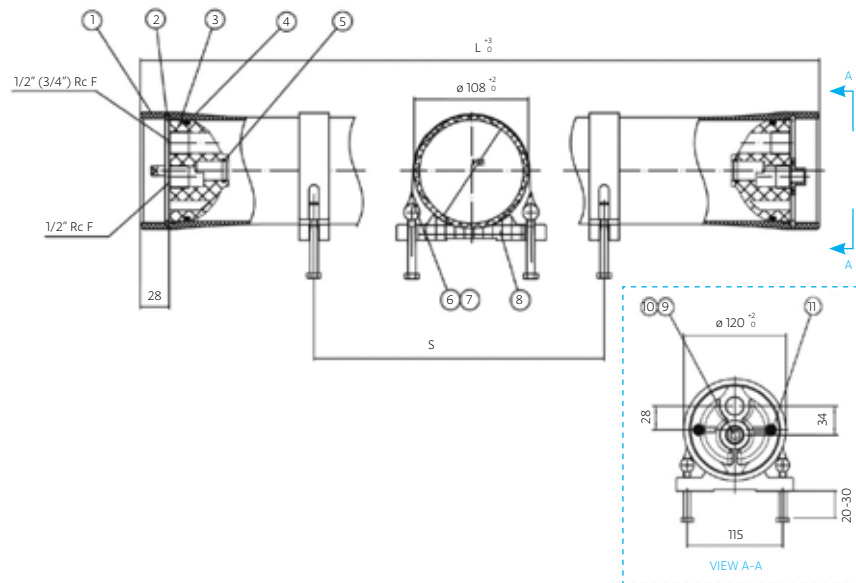
- fiberglass reinforced plastic pressure vessels series 1000 E-2.5, D.75" direct connection, white painted, UVA-ray proof material;
- end-cap in super duplex steel AISI 2507;
- max operating pressure 1000 psi (69 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessels is factory tested st 1,5 times max operating pressure;
- connections: feed/concentrate 1/4" Rc female, permeate 1/4" Rc female;
- straps and saddled included.

REF.	MODEL	ELEMENTS	L (mm)	S (mm)
407005	1000 E - 2521	1 x 21"	629	400
407006	1000 E - 2.5 - 1	1 x 40"	1112	700

SPARE PARTS

ITEM	REF.	DESCRIPTION	QUANTITY	MATERIAL	REMARK
1		Pressure Shell	1	Epoxy FRP	White
2	407100	End Plate	2	Super Duplex Steel AISI 2507	
3	407101	Head Seal	2	EPDM	56 x 3,55
4	407102	Adapter Seal	2	EPDM	19 x 2,65
5	407103	Saddle	2	Rubber	
6	407104	Strap Screw	4	AISI 304	M6 x 60
7 + 6	407105	Strap	2	AISI 304 - Rubber	
8	407106	Seeger	4	AISI 316	

4" Membrane Vessels End Port Series 300 E-4



- fiberglass reinforced plastic pressure vessels series 300 E-4, D.75" direct connection, white painted, UVA-ray proof material;
- end-cap in ABS;
- max operating pressure 300 psi (21 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessels is factory tested st 1,5 times max operating pressure;
- permeate connections 1/2" Rc female;
- straps and saddled included.

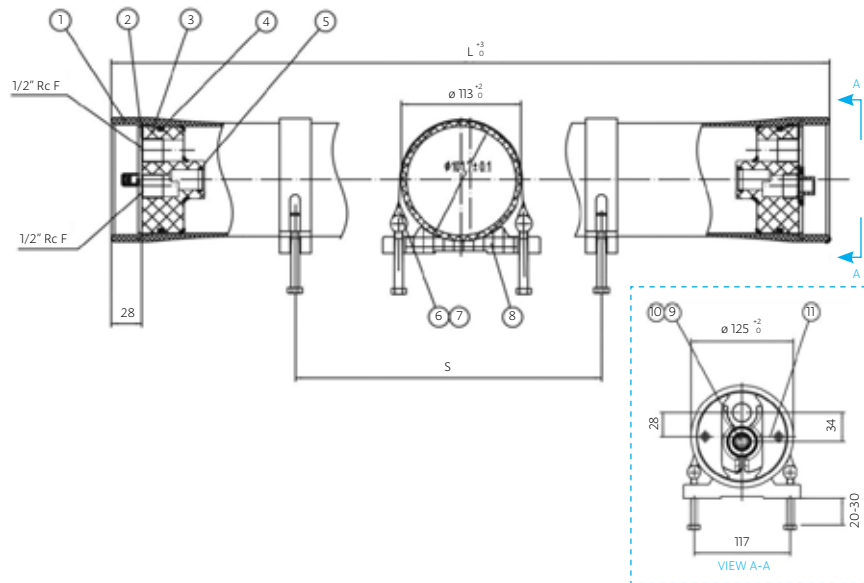
Membrane vessels & accessories

REF.	MODEL	ELEMENTS	L (mm)	S (mm)	CONNECTIONS FEED / CONCENTRATE
407007	300 E - 4021	1 x 21"	658	400	1/2" Rc F
407008	300 E - 4 - 1	1 x 40"	1140	600	1/2" Rc F
407009	300 E - 4 - 1	1 x 40"	1140	600	3/4" Rc F
407010	300 E - 4 - 2	2 x 40"	2156	1200	1/2" Rc F
407011	300 E - 4 - 2	2 x 40"	2156	1200	3/4" Rc F
407012	300 E - 4 - 3	3 x 40"	3172	2200	1/2" Rc F
407013	300 E - 4 - 3	3 x 40"	3172	2200	3/4" Rc F
407014	300 E - 4 - 4	4 x 40"	4268	1600 x 2	1/2" Rc F
407015	300 E - 4 - 4	4 x 40"	4268	1600 x 2	3/4" Rc F

SPARE PARTS

ITEM	REF.	DESCRIPTION	QUANTITY	MATERIAL	REMARK
1		Pressure Shell	1	Epoxy FRP	White
2	407107	Seeger	4	AISI 304	
3 + 5	407108	End Plate	2	ABS	1/2" 1/2"
	407109	End Plate	2	ABS	3/4" 3/4"
4	407110	Head Seal	2	EPDM	90 x 5,3
5	407111	Adapter Seal	2	EPDM	19 x 2,65
6 + 7	407112	Strap	2-3	AISI 304 - Rubber	
7	407113	Strap Screw	4-6	AISI 304	M8 x 70
8	407114	Saddle	2-3	Rubber	
9	407115	Plug	1	ABS	
10	407116	O-ring of Plug	4	EPDM	23,6 x 3,55
11	407117	Seeger Screw	4	AISI 304	M6 x 14

4" Membrane Vessels End Port Series 450 E-4



- fiberglass reinforced plastic pressure vessels series 450 E-4, D.75" direct connection, white painted, UVA-ray proof material;
- end-cap in ABS;
- max operating pressure 450 psi (31 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessels is factory tested st 1,5 times max operating pressure;
- feed/concentrate connections 1/2" Rc female;
- permeate connections 1/2" Rc female;
- straps and saddled included.

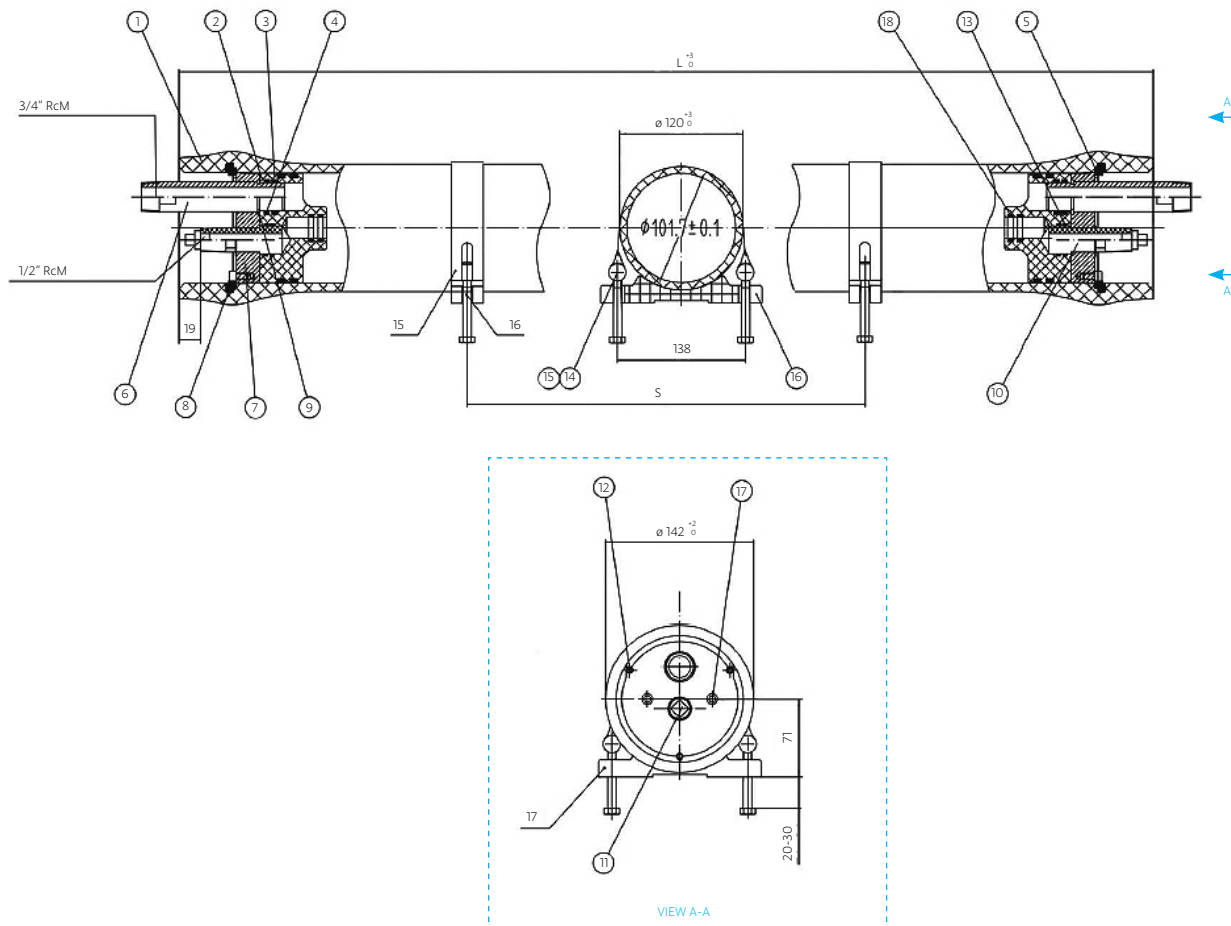
REF.	MODEL	ELEMENTS	L (mm)	S (mm)
407016	450 E - 4 - 1	1 x 40"	1152	600
407017	450 E - 4 - 2	2 x 40"	2168	1200
407018	450 E - 4 - 3	3 x 40"	3184	2200
407019	450 E - 4 - 4	4 x 40"	4280	1600 x 2
407020 (*)	450 E - 4 - 5	5 x 40"	5296	2300 x 2
407021 (*)	450 E - 4 - 6	6 x 40"	6312	2700 x 2

(*) not available in stock - Delivery 8-10 weeks.

SPARE PARTS

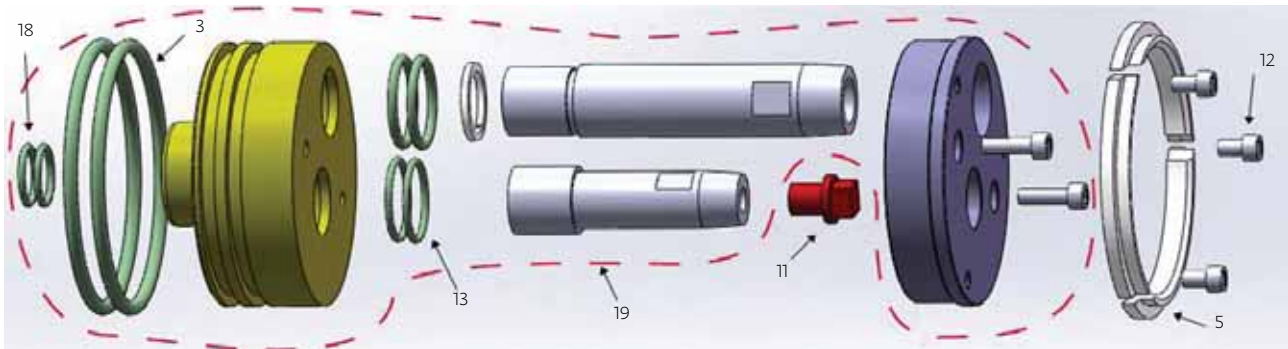
ITEM	REF.	DESCRIPTION	QUANTITY	MATERIAL	REMARK
1		Pressure Shell	1	Epoxy FRP	White
2	407107	Seeger	4	AISI 304	
3 + 5	407108	End Plate	2	ABS	1/2" 1/2"
4	407110	Head Seal	2	EPDM	90 x 5,3
5	407111	Adapter Seal	2	EPDM	19 x 2,65
6 + 7	407112	Strap	2-3	AISI 304 - Rubber	
7	407113	Strap Screw	4-6	AISI 304	M8 x 70
8	407114	Saddle	2-3	Rubber	
9	407115	Plug	1	ABS	
10	407111	O-ring of Plug	4	EPDM	23,6 x 3,55
11	407116	Seeger Screw	4	AISI 304	M6 x 14

4" Membrane Vessels End Port Series 1000 E-4



- fiberglass reinforced plastic pressure vessels series 1000 E-4, complete with 0,75" adapters, white painted, UVA-ray proof material;
- max operating pressure 1000 psi (69 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessels is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 3/4" Rc female;
- permeate connections 1/2" Rc male, in super duplex steel AISI 2507;
- permeate connections 1/2" Rc male;
- straps and saddled included.

Membrane vessels & accessories



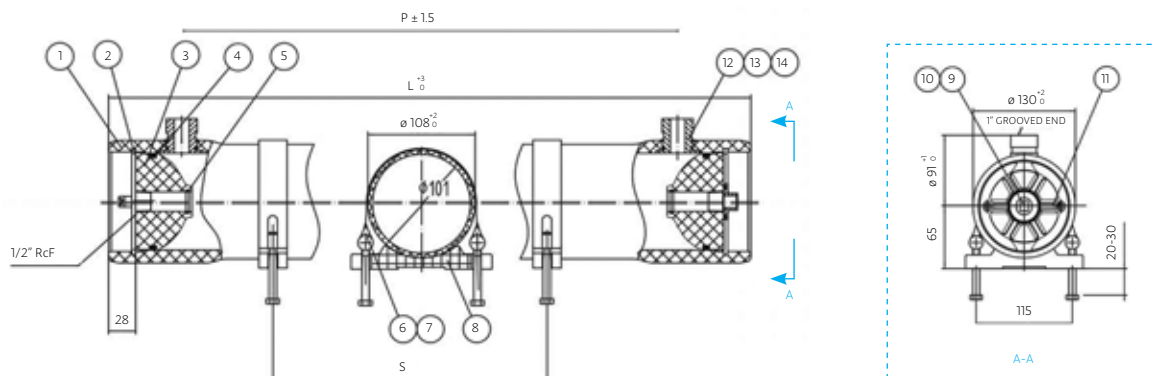
REF.	MODEL	ELEMENTS	L (mm)	S (mm)
407022	1000 E-4021	1 x 21"	762	400
407023	1000 E-4-1	1 x 40"	1244	600
407024	1000 E-4-2	2 x 40"	2260	1200
407025	1000 E-4-3	3 x 40"	3276	2200
407026	1000 E-4-4	4 x 40"	4372	1600 x 2
407027 (*)	1000 E-4-5	5 x 40"	5388	2300 x 2
407028 (*)	1000 E-4-6	6 x 40"	6404	2700 x 2

(*) not available in stock - Delivery 8-10 weeks.

SPARE PARTS

ITEM	REF.	DESCRIPTION	QUANTITY	MATERIAL	REMARK
3	407110	Head Seal	4	EPDM	90 x 5,3
5	407117	Locking Kit (n.3 Segments)	2	AISI 316	
11	407118	Plug	1	ABS	
12	407119	Securing Screw	6	AISI 304	M6 x 10
13	407120	O-rong of Permeate Port	4	EPDM	25 x 2,65
14 + 15	407121	Strap	2-3	AISI 304 - Rubber	
15	407122	Strap Screw	4-6	AISI 304	M8 x 70
16	407123	Saddle	2-3	Rubber	
18	407102	Adapler Seal	4	EPDM	19 x 2,65
19	407124	Head Assembly end port	2		

4" Membrane Vessels Side Port Series 300 S-4



- fiberglass reinforced plastic pressure vessels series 300 S-4, D.75", direct connection, white painted, UVA-ray proof material;
- max operating pressure 300 psi (21 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessels is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1" Victaulic, 0° or 180° oriented;
- permeate connections 1/2" Rc female;
- straps and saddled included.

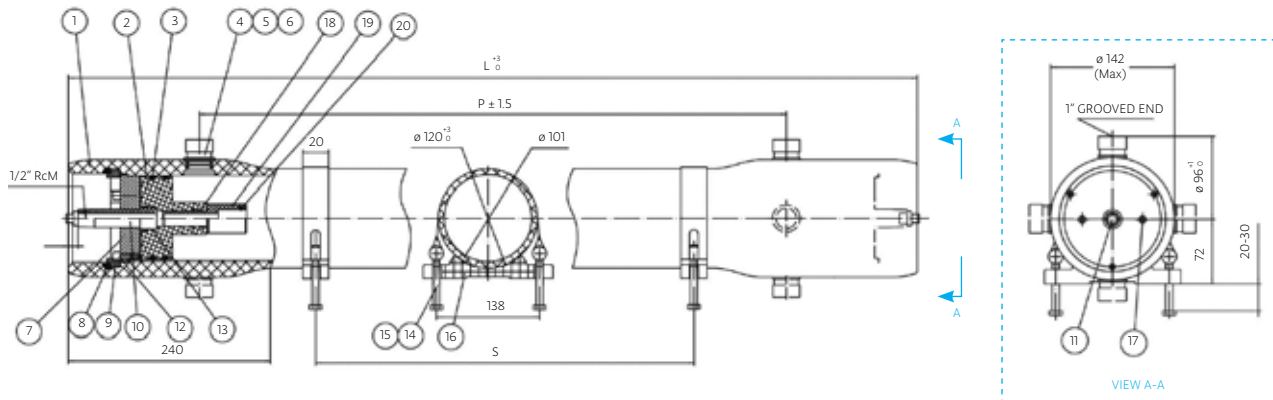
REF.	MODEL	ELEMENTS	L (mm)	P (mm)	S (mm)	ORIENT.
407029	300 S-4-1D5D-1	1 x 40"	1140	984	600	0°
407030	300 S-4-1D5D-2	2 x 40"	2156	2000	1200	0°
407031	300 S-4-1D5D-3	3 x 40"	3172	3016	2200	0°
407032 (*)	300 S-4-1D5D-4	4 x 40"	4268	4112	1600 x 2	0°
407033	300 S-4-1D7D-1	1 x 40"	1140	984	600	180°
407034	300 S-4-1D7D-2	2 x 40"	2156	2000	1200	180°
407035	300 S-4-1D7D-3	3 x 40"	3172	3016	2200	180°
407036 (*)	300 S-4-1D7D-4	4 x 40"	4268	4112	1600 x 2	180°

(*) not available in stock - Delivery 8-10 weeks.

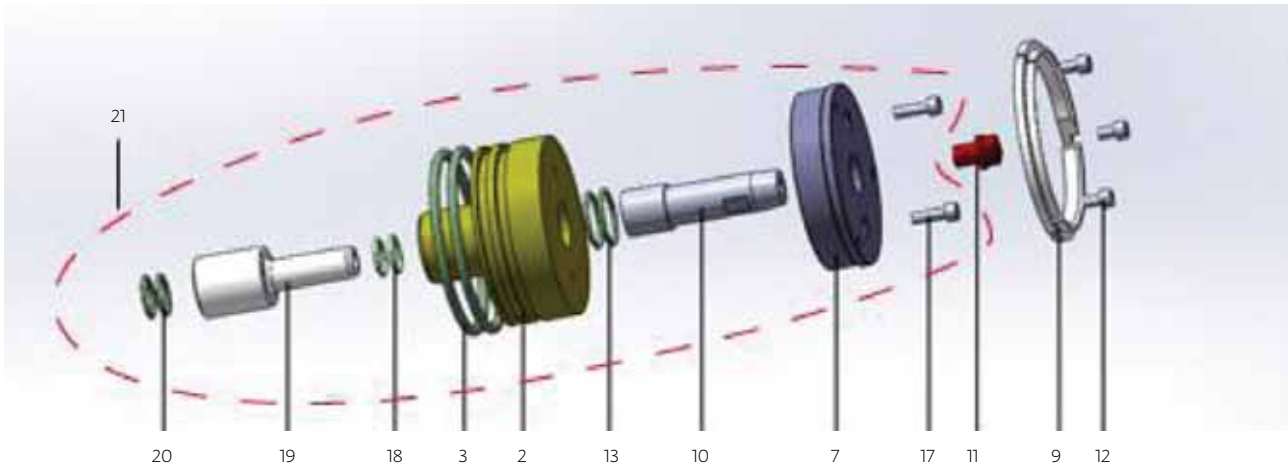
SPARE PARTS

ITEM	REF.	DESCRIPTION	QUANTITY	MATERIAL	REMARK
1		Pressure Shell	1	Epoxy FRP	White
2	407125	Seeger	4	AISI 304	
3 + 5	407126	End Plate	2	ABS	
4	407110	Head Steel	2	EPDM	90 x 5,3
5	407111	Adapter Seal	2	EPDM	19 x 2,65
6 + 7	407127	Strap	2-3	AISI 304 - Rubber	
7	407128	Strap Screw	4-6	AISI 304	M8 x 70
8	407129	Saddle	2-3	Rubber	
9	407130	Plug	1	ABS	
10	407111	O-ring of Plug	1	EPDM	23,6 x 3,55
11	407132	Seeger Screw	4	AISI 304	M6 x 14
12	407133	Feed/Concentrate Port	2-4	AISI 316	
13	407134	O-ring of Feed/Cont. Port	2-4	EPDM	28 x 2,65
14	407135	Retaining Ring	2-4	AISI 304	

4" Membrane Vessels Side Port Series 1000 S-4



- fiberglass reinforced plastic pressure vessels series 1000 S-4, D.75", direct connection, white painted, UVA-ray proof material;
- max operating pressure 1000 psi (69 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessels is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1" Victaulic, 0° or 180° oriented, in super duplex steel AISI 2507;
- permeate connections 1/2" Rc male;
- straps and saddled included.



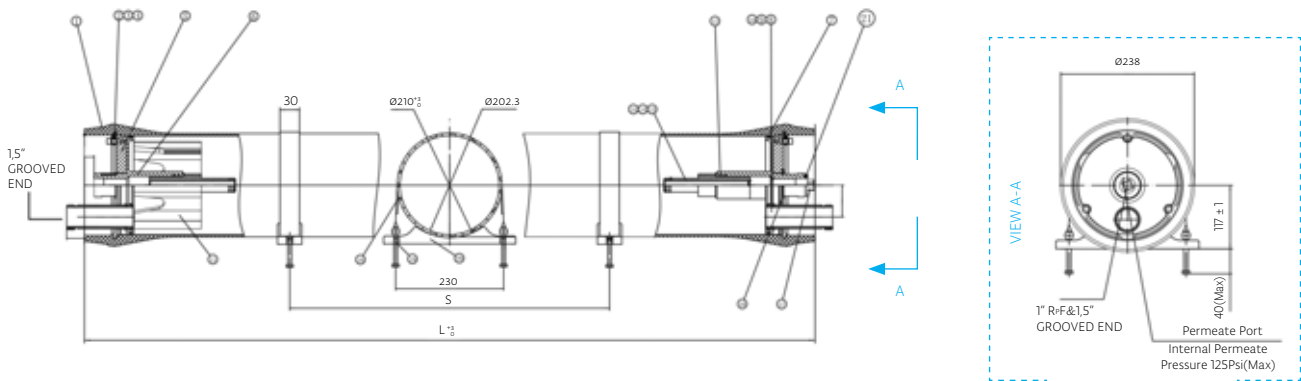
REF.	MODEL	ELEMENTS	L (mm)	P (mm)	S (mm)	ORIENT.
407037	1000 S-4-1D5D-1	1 x 40"	1364	1036	600	0°
407038	1000 S-4-1D5D-2	2 x 40"	2380	2052	1200	0°
407039	1000 S-4-1D5D-3	3 x 40"	3396	3068	2200	0°
407040 (*)	1000 S-4-1D5D-4	4 x 40"	4412	4084	1600 x 2	0°
407041	1000 S-4-1D7D-1	1 x 40"	1364	1036	600	180°
407042	1000 S-4-1D7D-2	2 x 40"	2380	2052	1200	180°
407043	1000 S-4-1D7D-3	3 x 40"	3396	3068	2200	180°
407044 (*)	1000 S-4-1D7D-4	4 x 40"	4412	4084	1600 x 2	180°

(*) not available in stock - Delivery 8-10 weeks.

SPARE PARTS

ITEM	REF.	DESCRIPTION	QUANTITY	MATERIAL	REMARK
3	407110	Head Steel	4	EPDM	5,01
9	407136	Locking Kit (n.3 Segments)	2	AISI 316	16,06
11	407137	Plug	1	ABS	2,06
12	407138	Securing Screw	6	AISI 304	1,02
13	407139	O-ring of Permeate Port	4	EPDM	
14 + 15	407140	Strap	2-3	AISI 304 - Rubber	17,34
15	407141	Strap Screw	4-6	AISI 304	
16	407142	Saddle	2-3	Rubber	2,25
18	407143	O-ring of Sealing Plate	4	EPDM	
19	407144	Adapter	2	ABS	
20	407145	Adapter Seal	4	EPDM	0,81
21	407156	Head Assembly side port	2		212,16

8" Membrane Vessels End Port Series 300 E-8

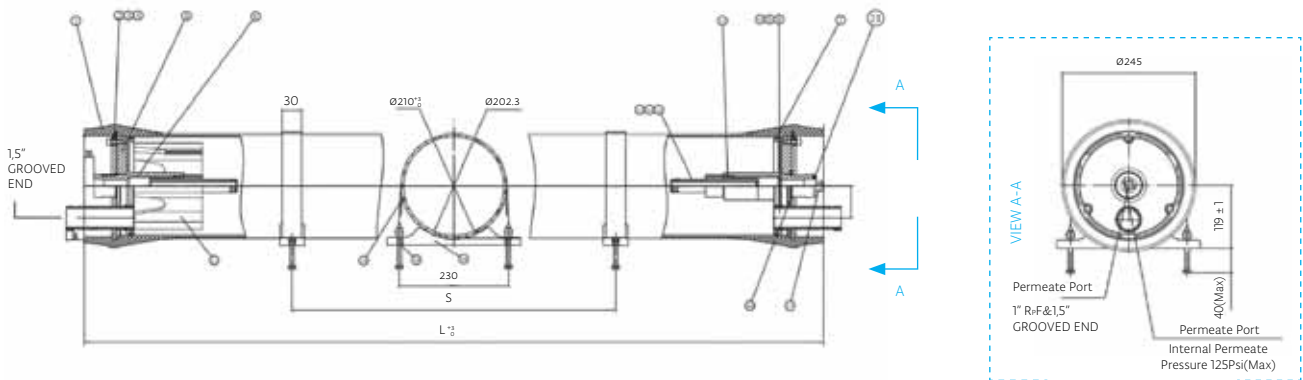


- fiberglass reinforced plastic pressure vessels series 300 E-8, white painted, UVA-ray proof material;
- max operating pressure 300 psi (21 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessel is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1 ½" Victaulic;
- permeate connections 1" Rp F and 1 ½" Victaulic;
- straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included.

REF.	MODEL	ELEMENTS	L (mm)	S (mm)
407045	300 E – 8040 – 1	1 x 40"	1498	700
407046	300 E – 8040 – 2	2 x 40"	2514	1460
407047	300 E – 8040 – 3	3 x 40"	3530	2080
407048	300 E – 8040 – 4	4 x 40"	4546	1600 x 2
407049	300 E – 8040 – 5	5 x 40"	5562	2000 x 2
407050	300 E – 8040 – 6	6 x 40"	6578	2360 x 2
407051 (*)	300 E – 8040 – 7	7 x 40"	7594	2860 x 2

(*) not available in stock - Delivery 8-10 weeks.

8" Membrane Vessels End Port Series 450 E-8

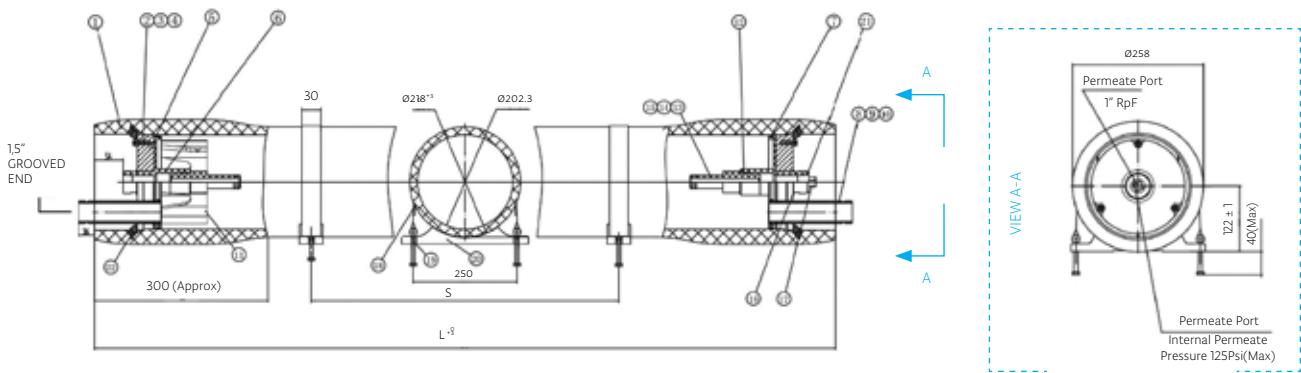


- fiberglass reinforced plastic pressure vessels series 450 E-8, white painted, UVA-ray proof material;
- max operating pressure 450 psi (31 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessel is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1 ½" Victaulic;
- permeate connections 1" Rp F and 1 ½" Victaulic;
- straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included.

REF.	MODEL	ELEMENTS	L (mm)	S (mm)
407055	450 E - 8040 - 1	1 x 40"	1498	700
407056	450 E - 8040 - 2	2 x 40"	2514	1460
407057	450 E - 8040 - 3	3 x 40"	3530	2080
407058	450 E - 8040 - 4	4 x 40"	4546	1600 x 2
407059	450 E - 8040 - 5	5 x 40"	5562	2000 x 2
407060	450 E - 8040 - 6	6 x 40"	6578	2360 x 2
407061 (*)	450 E - 8040 - 7	7 x 40"	7594	2860 x 2

(*) not available in stock - Delivery 8-10 weeks.

8" Membrane Vessels End Port Series 600 E-8

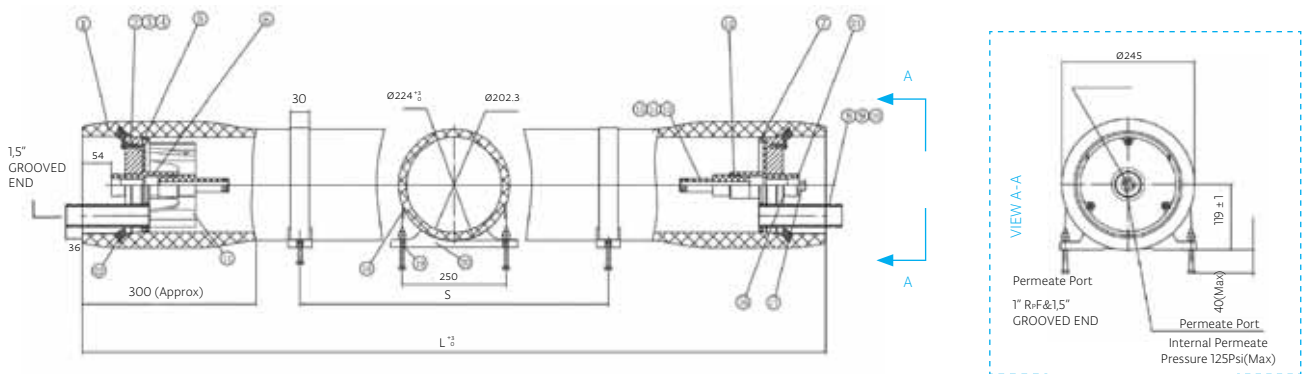


- fiberglass reinforced plastic pressure vessels series 600 E-8, white painted, UVA-ray proof material;
- max operating pressure 600 psi (41 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessel is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1 ½" Victaulic in super duplex steel AISI 2507;
- permeate connections 1" Rp F;
- straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included.

REF.	MODEL	ELEMENTS	L (mm)	S (mm)
407062 (*)	600 E - 8040 - 1	1 x 40"	1514	700
407063 (*)	600 E - 8040 - 2	2 x 40"	2530	1460
407064 (*)	600 E - 8040 - 3	3 x 40"	3546	2080
407065 (*)	600 E - 8040 - 4	4 x 40"	4562	1600 x 2
407066 (*)	600 E - 8040 - 5	5 x 40"	5578	2000 x 2
407067 (*)	600 E - 8040 - 6	6 x 40"	6594	2360 x 2
407068 (*)	600 E - 8040 - 7	7 x 40"	7610	2860 x 2

(*) not available in stock - Delivery 8-10 weeks.

8" Membrane Vessels End Port Series 1000 E-8

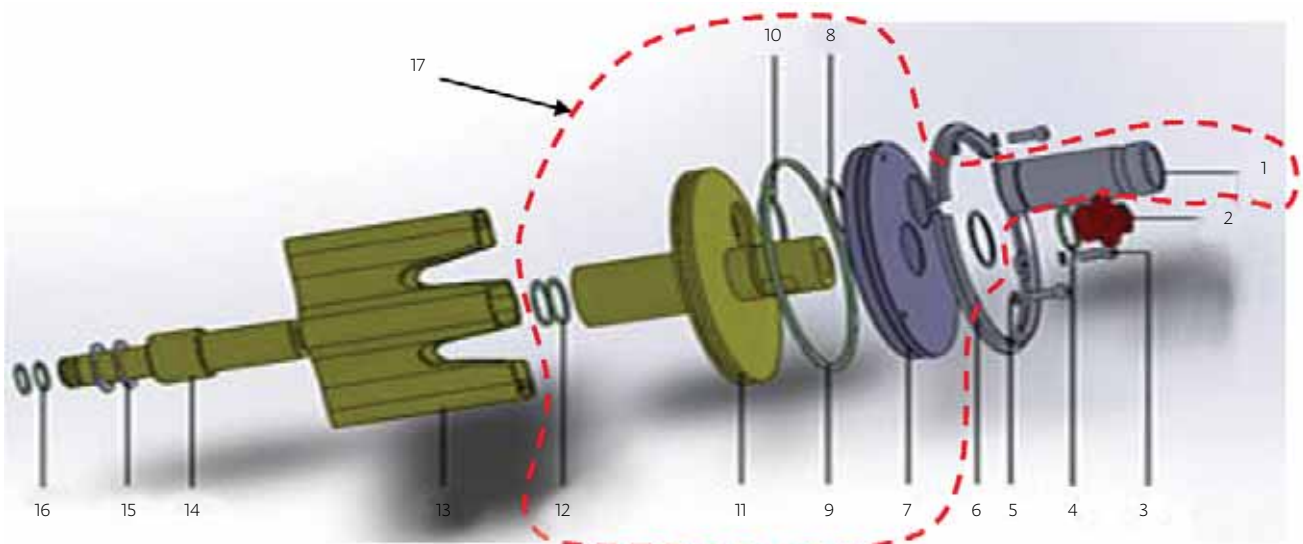


- fiberglass reinforced plastic pressure vessels series 1000 E-8, white painted, UVA-ray proof material;
- max operating pressure 1000 psi (69 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessel is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1 ½" Victaulic in super duplex steel AISI 2507;
- permeate connections 1" Rp F;
- straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included.

REF.	MODEL	ELEMENTS	L (mm)	S (mm)
407069 (*)	1000 E - 8040 - 1	1 x 40"	1514	700
407070 (*)	1000 E - 8040 - 2	2 x 40"	2530	1460
407071 (*)	1000 E - 8040 - 3	3 x 40"	3546	2080
407072 (*)	1000 E - 8040 - 4	4 x 40"	4562	1600 x 2
407073 (*)	1000 E - 8040 - 5	5 x 40"	5578	2000 x 2
407074 (*)	1000 E - 8040 - 6	6 x 40"	6594	2360 x 2
407075 (*)	1000 E - 8040 - 7	7 x 40"	7610	2860 x 2

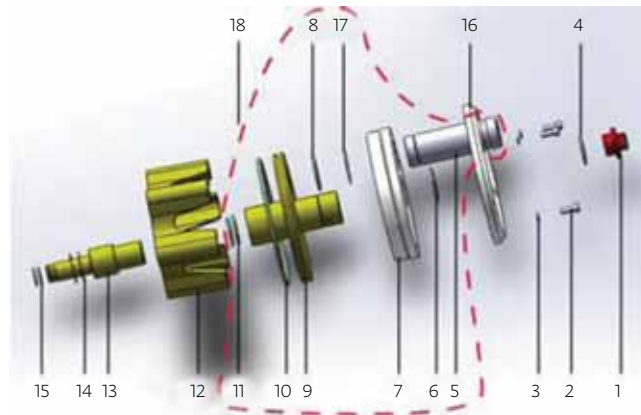
(*) not available in stock - Delivery 8-10 weeks.

8" End Port 300-450 Psi Vessels Spare Parts



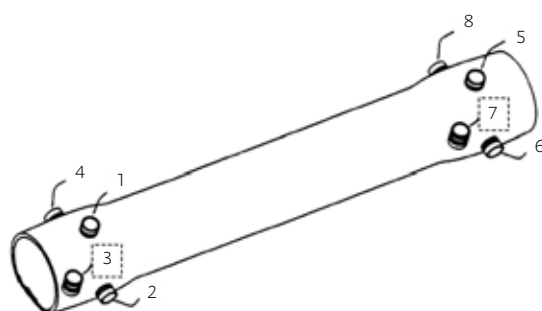
ITEM.	REF.	DESCRIPTION	MATERIAL
1		Feed concentrate port 1,5" virtualic	AISI 316
2	407157	Plug	ABS
3	407158	Locking segment screw	AISI 304
4	407159	PWT seal	EPDM
5	407160	Spring pad	AISI 304
6	407161	Locking segment	AISI 304
7		Bearing plate	ALUMINIUM
8		Retaining ring	AISI 304
9	407162	Head seal	EPDM
10	407163	Feed concentrate port seal	EPDM
11		Sealing plate (permete port)	ABS
12	407164	PWT seal	EPDM
13	407165	Thrust cone	ABS
14 + 16	407166	1,125" adapter	ABS
15	407167	1,125" adapter PAD	ABS
16	407168	1,125" adapter O-ring	EPDM
17	407169	Head assembly end port 300 PSI	
	407170	Head assembly end port 450 PSI	
NOT SHOWN	407171	Saddle	RUBBER
NOT SHOWN	407172	Strap (L = 520 mm)	AISI 304 - RUBBER

8" End Port 600-1000 Psi Vessels Spare Parts



ITEM.	REF.	DESCRIPTION	MATERIAL
1	407173	Plug	ABS
2	407174	Locking segment screw	AISI 304
3	407175	Spring pad	AISI 304
4	407176	PWT seal	EPDM
5		Feed conc. port 1,5" virtualic	SUPER DUPLEX AISI 2507
6		Retaining ring	AISI 304
7		Bearing plate	ALUMINIUM
8	407177	Feed conc. port seal	EPDM
9		Sealing plate (permete port)	ABS
10	407178	Head seal	EPDM
11	407179	PWT seal	EPDM
12	407180	Thrust cone	ABS
13 + 15	407181	1,125" adapter	ABS
14	407182	1,125" adapter PAD	ABS
15	407183	1,125" adapter O-ring	EPDM
16	407184	Locking kit (N.3 segments) 600 PSI	AISI 304
	407185	Locking kit (N.3 segments) 1000 PSI	AISI 304
17		Retaining ring	AISI 304
18	407186	Head assembly end port 600 PSI	
	407187	Head assembly end port 600 PSI	
NOT SHOWN	407188	Saddle	RUBBER
NOT SHOWN	407189	Strap (L = 580 mm)	AISI 304 - RUBBER

8" Side Port Vessels Feed / Concentrate Port Options



Each vessels 8" side port can have maximum 3 ports per each end, located in 4 different positions 90° among them. The drawing shows the numbers of different positions.

Each port can have three different dimensions:

D = 1 ½" (standard connection)

E = 2"

F = 2 ½"

G = 3"

Note: a 2 ½" port is not allowed at 90° from any other.

To determine the required configuration, identify the ports starting from N°1 with relevant dimension, complete this side and identify the opposite end.

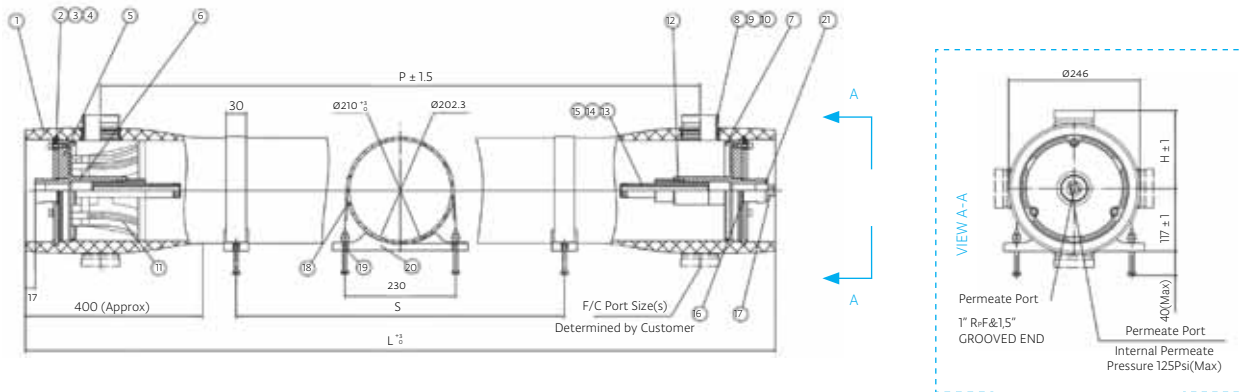
Example: vessel with porth 1 & 5 connection 1 ½", ports 2 & 6 connection 2".

The configuration is: 1D 5D 2E 6E.

Options for MWG 8" side port vessels

VESSEL 8"	
PRESSURE (psi)	MATERIAL
300	AISI 316
450	AISI 316
600	Super Duplex 2507
1000	Super Duplex 2507
1200	Super Duplex 2507

8" Membrane Vessels Side Port Series 300 S-8

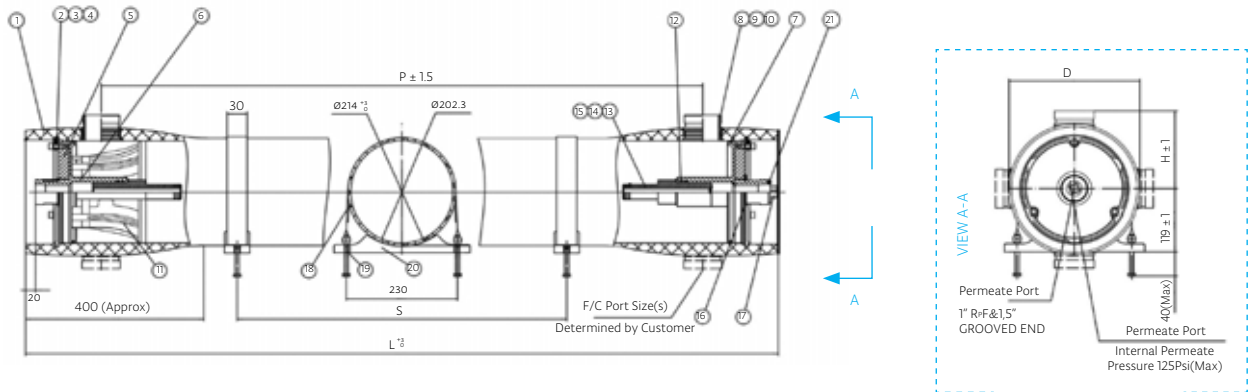


- fiberglass reinforced plastic pressure vessels series 300 S-8, white painted, UVA-ray proof material;
- max operating pressure 300 psi (21 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessel is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1 ½" Victaulic (optional 2", 2 ½" or 3");
- permeate connections 1" Rp F and 1 ½" Virtualic;
- straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- version from 2 to 7 ports (see list of options).

REF. ORIENT. 0°	REF. ORIENT. 180°	MODEL	ELEMENTS	L (mm)	P (mm)	S (mm)
407076 (*)	407083 (*)	300 S-8-1	1 x 40"	1494	1194	700
407077 (*)	407084 (*)	300 S-8-2	2 x 40"	2510	2210	1460
407078 (*)	407085 (*)	300 S-8-3	3 x 40"	3526	3226	2080
407079 (*)	407086 (*)	300 S-8-4	4 x 40"	4542	4242	1600 x 2
407080 (*)	407087 (*)	300 S-8-5	5 x 40"	5558	5258	2000 x 2
407081 (*)	407088 (*)	300 S-8-6	6 x 40"	6574	6274	2360 x 2
407082 (*)	407089 (*)	300 S-8-7	7 x 40"	7590	7290	2860 x 2

(*) not available in stock - Delivery 8-10 weeks.

8" Membrane Vessels Side Port Series 450 S-8

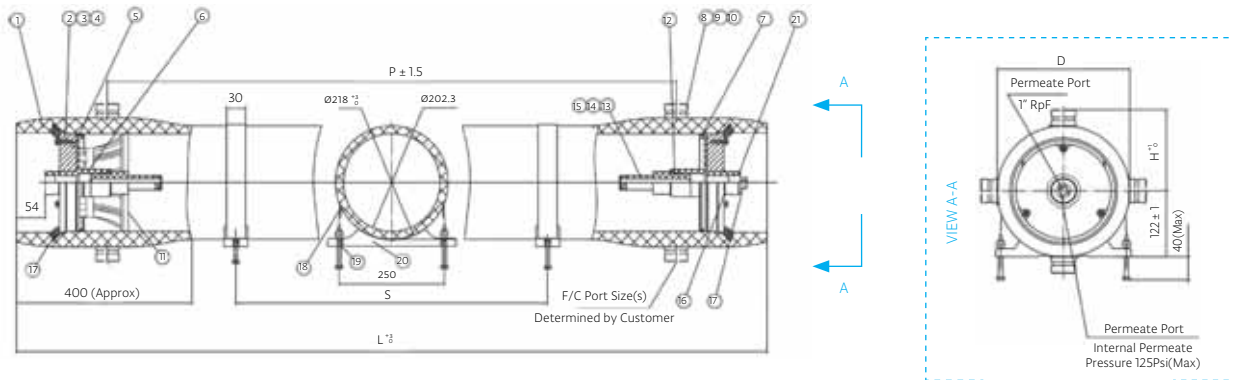


- fiberglass reinforced plastic pressure vessels series 450 S-8, white painted, UVA-ray proof material;
- max operating pressure 450 psi (31 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessel is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1 ½" Victaulic (optional 2", 2 ½" or 3");
- permeate connections 1" Rp F and 1 ½" Virtualic;
- straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- version from 2 to 7 ports (see list of options).

REF. ORIENT. 0°	REF. ORIENT. 180°	MODEL	ELEMENTS	L (mm)	P (mm)	S (mm)
407200 (*)	407207 (*)	450 S-8-1	1 x 40"	1498	1194	700
407201 (*)	407208 (*)	450 S-8-2	2 x 40"	2514	2210	1460
407202 (*)	407209 (*)	450 S-8-3	3 x 40"	3530	3226	2080
407203 (*)	407210 (*)	450 S-8-4	4 x 40"	4646	4242	1600 x 2
407204 (*)	407211 (*)	450 S-8-5	5 x 40"	5562	5258	2000 x 2
407205 (*)	407212 (*)	450 S-8-6	6 x 40"	6578	6274	2360 x 2
407206 (*)	407213 (*)	450 S-8-7	7 x 40"	7594	7290	2860 x 2

(*) not available in stock - Delivery 8-10 weeks.

8" Membrane Vessels Side Port Series 600 S-8

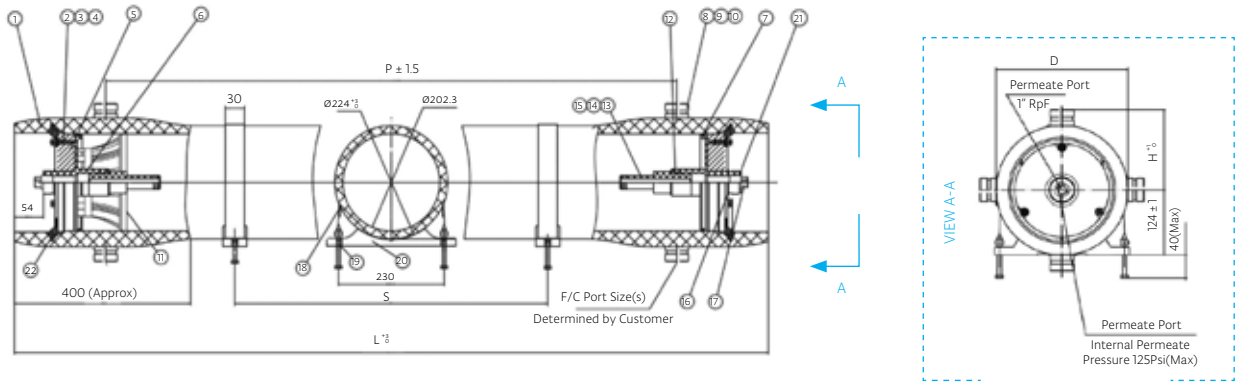


- fiberglass reinforced plastic pressure vessels series 600 S-8, white painted, UVA-ray proof material;
- max operating pressure 600 psi (41 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessel is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1 ½" Victaulic (optional 2", 2 ½" or 3") in super duplex steel AISI 2507;
- permeate connections 1" Rp F;
- straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- version from 2 to 7 ports (see list of options).

REF. ORIENT. 0°	REF. ORIENT. 180°	MODEL	ELEMENTS	L (mm)	P (mm)	S (mm)
407214 (*)	407221 (*)	600 S-8-1	1 x 40"	1514	1143	700
407215 (*)	407222 (*)	600 S-8-2	2 x 40"	2530	2159	1460
407216 (*)	407223 (*)	600 S-8-3	3 x 40"	3546	3175	2080
407217 (*)	407224 (*)	600 S-8-4	4 x 40"	4562	4191	1600 x 2
407218 (*)	407225 (*)	600 S-8-5	5 x 40"	5578	5207	2000 x 2
407219 (*)	407226 (*)	600 S-8-6	6 x 40"	6594	6223	2360 x 2
407220 (*)	407227 (*)	600 S-8-7	7 x 40"	7610	7239	2860 x 2

(*) not available in stock - Delivery 8-10 weeks.

8" Membrane Vessels Side Port Series 1000 S-8

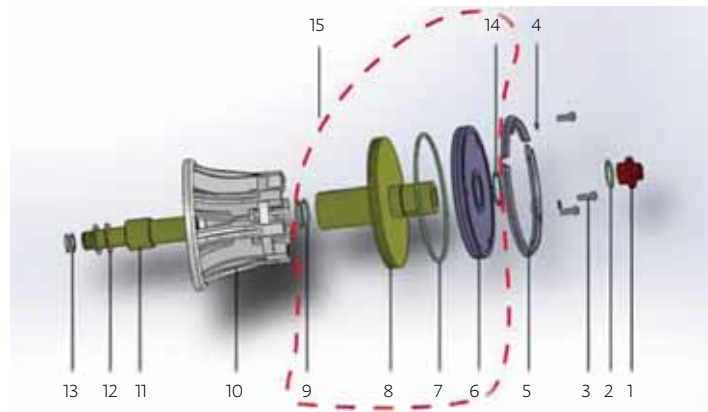


- fiberglass reinforced plastic pressure vessels series 600 S-8, white painted, UVA-ray proof material;
- max operating pressure 600 psi (41 bar);
- built in accordance with ASME code section X;
- D.M. n.174 dated 06/04/2004 compliant about materials suitable for contact with water for human consumption;
- each vessel is factory tested at 1,5 times max operating pressure;
- feed/concentrate connections 1 ½" Victaulic (optional 2", 2 ½" or 3") in super duplex steel AISI 2507;
- permeate connections 1" Rp F;
- straps and saddles included (n.2 pcs from 1 to 3 elements, n.3 pcs from 4 to 7 elements);
- 1,125" membrane adapters included;
- version from 2 to 7 ports (see list of options).

REF. ORIENT. 0°	REF. ORIENT. 180°	MODEL	ELEMENTS	L (mm)	P (mm)	S (mm)
407228 (*)	407235 (*)	1000 S-8-1	1 x 40"	1514	1143	700
407229 (*)	407236 (*)	1000 S-8-2	2 x 40"	2530	2159	1460
407230 (*)	407237 (*)	1000 S-8-3	3 x 40"	3546	3175	2080
407231 (*)	407238 (*)	1000 S-8-4	4 x 40"	4562	4191	1600 x 2
407232 (*)	407239 (*)	1000 S-8-5	5 x 40"	5578	5207	2000 x 2
407233 (*)	407240 (*)	1000 S-8-6	6 x 40"	6594	6223	2360 x 2
407234 (*)	407241 (*)	1000 S-8-7	7 x 40"	7610	7239	2860 x 2

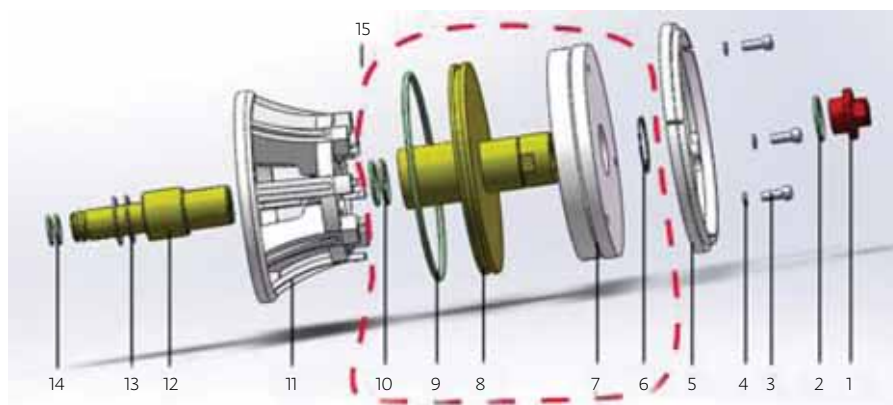
(*) not available in stock - Delivery 8-10 weeks.

8" Side Port 300-450 Psi Vessels Spare Parts



ITEM.	REF.	DESCRIPTION	MATERIAL
1	407300	Plug	ABS
2	407301	PWT seal	EPDM
3	407302	Locking segment screw	AISI 304
4	407303	Spring pad	AISI 304
5	407304	Locking segment	AISI 304
6		Bearing plate	ALUMINIUM
7	407305	Head seal	EPDM
8		Sealing plate (permete port)	ABS
9	407306	PWT seal	EPDM
10	407307	Sealing plate (permete port)	ABS
11 + 13	407308	1,125" adapter	ABS
12	407309	1,125" adapter PAD	ABS
13	407310	1,125" adapter O-ring	EPDM
14		Retaining ring	AISI 304
15	407311	Head assembly side port 300 PSI	
	407312	Head assembly side port 450 PSI	
NOT SHOWN	407313	Saddle	RUBBER
NOT SHOWN	407314	Strap (L = 520 mm)	AISI 304 - RUBBER

8" Side Port 600-1000 Psi Vessels Spare Parts



ITEM.	REF.	DESCRIPTION	MATERIAL
1	407315	Plug	ABS
2	407316	PWT seal	EPDM
3	407317	Locking segment screw	AISI 304
4	407318	Spring pad	AISI 304
5	407319	Locking kit (N.3 segments) 600 PSI	
	407320	Locking kit (N.3 segments) 1000 PSI	
6		Retaining ring	AISI 304
7		Bearing plate	ALUMINIUM
8		Sealing plate (permete port)	ABS
9	407321	Head seal	EPDM
10	407322	PWT seal	EPDM
11	407323	Thrust cone	ABS
12 + 14	407324	1,125" adapter	ABS
13	407325	1,125" adapter PAD	ABS
14	407326	1,125" adapter O-ring	EPDM
15	407327	Head assembly side port 600 PSI	
	407328	Head assembly side port 1000 PSI	
NOT SHOWN	407329	Saddle	RUBBER
NOT SHOWN	407330	Strap (L = 580 mm)	AISI 304 - RUBBER

8" Membrane Adapters



- suitable for 8" membranes;
- material PVC complete with o-rings.

REF.	MATERIAL	A*	B*	C*	D*	E*	FOR MEMBR.	FOR VESSEL
407350	ABS	28,5 (1,125")	48 (1,89")	65 (2,56")	45 (1,77")	67 (2,64")	BW30-400 or similar	Wave Cyber
407351	ABS	38 (1,5")	58 (2,28")	50 (1,97")	45 (1,77")	67 (2,64")	BW30LE440 or similar	Wave Cyber
407352	PVC	28,5 (1,125")	48 (1,89")	65 (2,56")	27 (1,05")	73 (2,87")	BW30-400 or similar	Codeline Style

* Dimensions: mm (inch)

REF.	MATERIAL	A*	B*	C*	D*	E*	FOR MEMBR.	FOR VESSEL
407353	PVC	28,5 (1,125")	50 (1,97")	73 (2,87")	50 (1,97")	64 (2,52")	BW30-400 or similar	Bekaert Style

* Dimensions: mm (inch)

Blank Adapter Kit

- suitable for 8" membranes;
- material PVC complete with o-rings.

REF.	A (mm)	A (inch)	FOR MEMBR.	FOR VESSEL
407360	28,5	1,125"	BW30-400 or similar	Wave Cyber

* Dimensions: mm (inch)



Blank Adapter

- Material PVC.

REF.	A (mm)	A (inch)	FOR MEMBR.
407361	28,5	1,125"	BW30-400 or similar

* Dimensions: mm (inch)



Closure Disc for Permeate Connection for 8" Vessels

- Material PVC.

REF.	MODEL
407362	Closure Disc

* Dimensions: mm (inch)



Cast Iron Victaulic Style Couplings - 1000 Psi

- complete with gaskets;
- max operating pressure 1000 psi (69 bar).

REF.	NOMINAL DIAMETER (inch)	NOMINAL DIAMETER (mm)
407370	1"	33,4
407371	1 ¼"	42,2
407372	1 ½"	48,3
407373	2"	60,3
407374	2 ½"	73,0



Aisi 304 Victaulic Style Couplings - 1200 Psi

- complete with gaskets;
- max operating pressure 1200 psi (83 bar).

REF.	NOMINAL DIAMETER (inch)	NOMINAL DIAMETER (mm)
407375	¾"	26,7
407376	1"	33,4
407377	1 ¼"	42,2
407378	1 ½"	48,3
407379	2"	60,3
407380	2 ½"	73,0
407381	3"	88,9



Aisi 304 Victaulic Style Couplings - 350 Psi

- complete with gaskets;
- max operating pressure 1350 psi (23 bar).

REF.	NOMINAL DIAMETER (inch)	NOMINAL DIAMETER (mm)
407390	¾"	26,7
407391	1"	33,4
407392	1 ¼"	42,2
407393	1 ½"	48,3
407394	2"	60,3
407395	2 ½"	73,0
407396	3" O. D.	76,1
407397	3"	88,9



Stub Pipes to Weld

- stub pipe with end part to weld;
- material AISI 316.

REF.	ANSI B36.10 SCHEDULE	DIAMETER (inch)	DIAMETER (mm)	LENGTH (mm)
407400	40	¾"	26,7	40
407401	40	1"	33,4	40
407402	40	1 ¼"	42,2	50
407403	40	1 ½"	48,3	60
407404	40	2"	60,3	80
407405	40	2 ½"	73,0	90
407406	40	3"	88,9	100



Threaded Stub Pipes

- stub pipe with end part threaded;
- material AISI 316.

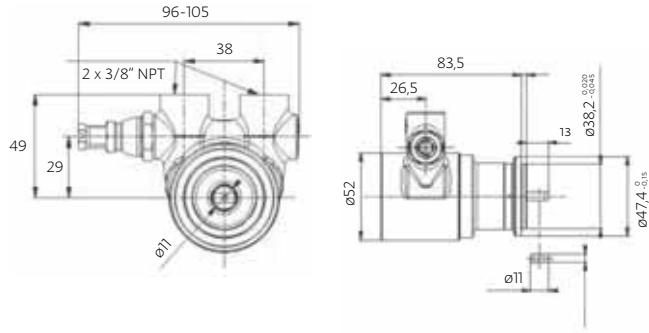
REF.	DIAMETER (inch)	LENGTH (mm)
407410	¾" BSP male	65
407411	1" BSP male	65
407412	1 ¼" BSP male	80
407413	1 ½" BSP male	100
407414	2" BSP male	100
407415	2 ½" BSP male (external diameter 76,1 mm)	100



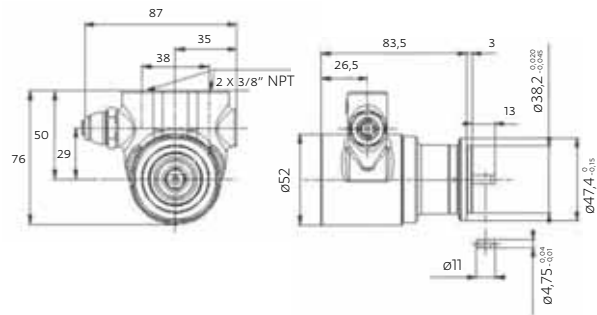
In-Out 3/8" Rotary Pumps for R.O.



BRASS PUMPS
Dimensions are in mm



AISI 303 PUMPS
Dimensions are in mm

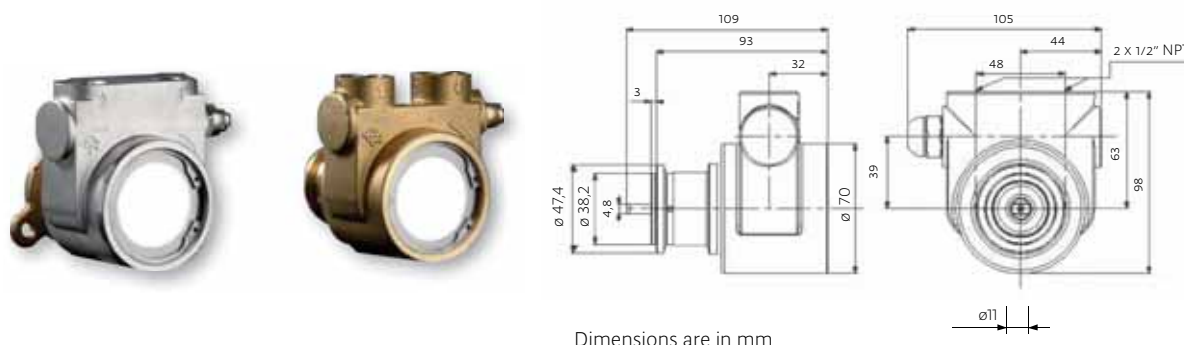


- rotary vane pumps for R.O. systems, direct connection V-band clamp to motor;
- housing material brass or AISI 303;
- IN-OUT connections 3/8" NPT – F;
- security by-pass on show models.

REF.	MODEL	BY-PASS	MATERIAL	FLOW * @ 7 bar (l/h)	FLOW * @ 14 bar (l/h)
407420	RO 50 OT	w/ By-Pass	Brass	65	55
407421	RO 150 OT	w/ By-Pass	Brass	165	150
407422	RO 200 OT	w/ By-Pass	Brass	225	206
407423	RO 300 OT	w/ By-Pass	Brass	334	315
407424	RO 400 OT	w/ By-Pass	Brass	434	415
407425	RO 300 AISI	w/ By-Pass	AISI 303	334	315
407426	RO 400 AISI	w/ By-Pass	AISI 303	434	415
407427	RO 200 OT	w/o By-Pass	Brass	225	206
407428	RO 300 OT	w/o By-Pass	Brass	334	315
407429	RO 400 OT	w/o By-Pass	Brass	434	415
407430	RO 300 AISI	w/o By-Pass	AISI 303	334	315
407431	RO 400 AISI	w/o By-Pass	AISI 303	434	415

(*) = average flow rate with motor 1.450 rpm.

In-Out 1/2" Rotary Pumps for R.O.

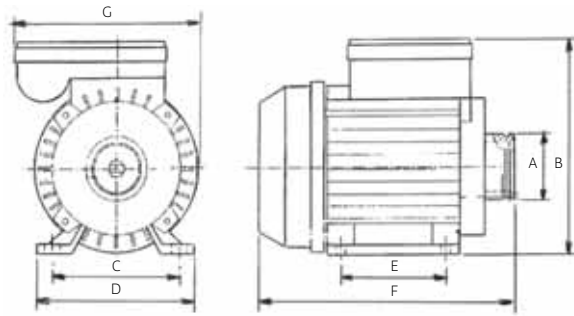


- rotary vane pumps for R.O. systems, direct connection V-band clamp to motor;
- housing material brass or AISI 303;
- IN-OUT connections 1/2" NPT – F.

REF.	MODEL	BY-PASS	MATERIAL	FLOW * @ 7 bar (l/h)	FLOW * @ 14 bar (l/h)
407440	RO 600 OT	w/ By-Pass	Brass	620	597
407441	RO 800 OT	w/ By-Pass	Brass	820	797
407442	RO 1000 OT	w/ By-Pass	Brass	1020	997
407443	RO 600 OT	w/o By-Pass	Brass	620	597
407444	RO 800 OT	w/o By-Pass	Brass	820	797
407445	RO 1000 OT	w/o By-Pass	Brass	1020	997
407446	RO 600 AISI	w/o By-Pass	AISI 303	620	597
407447	RO 800 AISI	w/o By-Pass	AISI 303	820	797
407448	RO 1000 AISI	w/o By-Pass	AISI 303	1020	997

(*) = average flow rate with motor 1.450 rpm.

Motors for Rotary Pumps for R.O. 200-300

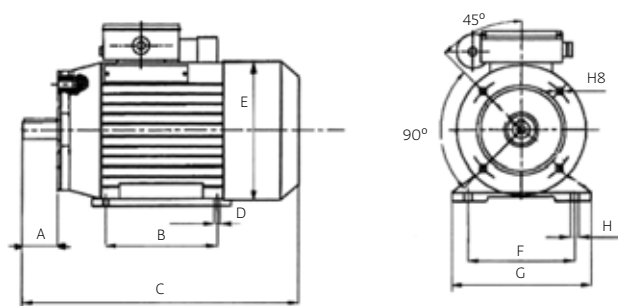


- single phase motors direct connections for rotary vane pumps;
- power supply 220V – 50 Hz;
- protection class IP44;
- complete with thermic protection.

REF.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
407450	47	156	97	120	80	200	138

REF.	POWER (W)	ELECTR. INPUT (A)	RPM	FOR PUMPS
407450	300	1,6	1.300	RO 200 RO 300

Motors for Rotary Pumps for R.O. 300-400-600-800-1000



- range of single and three phase motors for application with rotary vane pumps, using coupling and adapter;
- 4 poles motor, power supply 220V – 50 Hz single phase, 380V – 50 Hz three phase;
- for couplings and adapters see O6-04-08-EN data sheet.

MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
0,5 CV	30	90	222	7	141	112	142	10
0,75 CV	40	100	255	10	157	125	160	13
1 CV	40	100	255	10	157	125	160	13

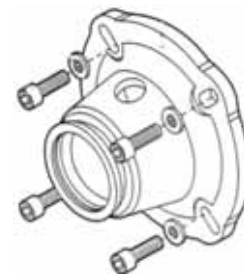
REF.	MODEL	POWER (CV)	POWER (W)	ELECTR. INPUT (A)	RPM	SINGLE PHASE / THREE PHASE	FOR PUMP	ADAPTER REF.	COUPLING REF.
407451	0,5 CV-M71-MONO	0,5	370	3,1	1360	SINGLE PHASE	RO 300 RO 400	DE871	DE872
407452	0,75 CV-M80-MONO	0,75	550	4,4	1360	SINGLE PHASE	RO 600 RO 800	DE873	DE874
407453	1 CV-M80-MONO	1	750	5,4	1370	SINGLE PHASE	RO 1000	DE873	DE874
407454	0,5 CV-M71-TRI	0,5	370	1,1	1360	THREE PHASE	RO 300 RO 400	DE871	DE872
407455	0,75 CV-M80-TRI	0,75	550	1,5	1360	THREE PHASE	RO 600 RO 800	DE873	DE874
407456	1 CV-M80-TRI	1	750	2,0	1360	THREE PHASE	RO 1000	DE873	DE874

NOTE: It's absolutely necessary to provide an adequate electric protection to avoid further overloaded.

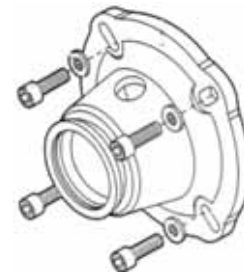
Adapter Couplings and Adapters for Rotary Pumps Models R.O. 300-400-600-800-1000

- for relative motors coupling see 06-04-07-EN data sheet.

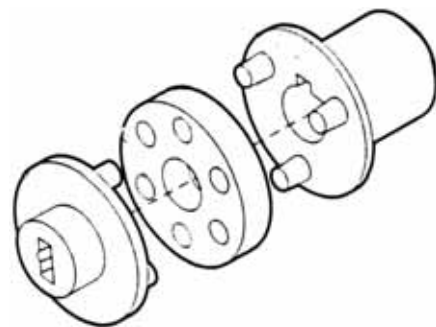
REF.	DESCRIPTION
407457	Adapter M7I



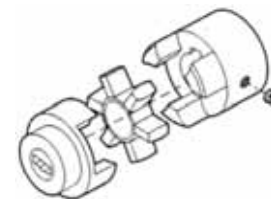
REF.	DESCRIPTION
407458	Adapter M80



REF.	DESCRIPTION
407459	Coupling M7I



REF.	DESCRIPTION
407460	Coupling M80



Accessories and Spare Parts 2,5" Wave Cyber Vessels

REF.	DESCRIPTION
407470	Plastic clip for 2,5" vessels
407471	Baffle 300 psi
407472	Head 300 psi
407473	Head seal
407474	Allen screw
407475	Baffle 1000 psi
407476	Head 1000 psi

Accessories and Spare Parts 4" Wave Cyber Vessels

REF.	DESCRIPTION
407520	Saddle and strap assembly
407521	Baffle
407522	Head ½" BSPP (300 psi) PP/FG
407523	Head ¾" BSPP (300 psi) PP/FG
407524	Head ½" BSPP (450 psi) nylon
407525	Head ¾" BSPP (450 psi) nylon
407526	Head seal
407527	Adapter seal
407528	Allen screw

Spare Parts for 8" End Port Wave Cyber Vessels

REF.	DESCRIPTION
407480	Head Assembly H "E Series" 250-300 psi p/n 70531
407481	Head Assembly H "E Series" 400-450 psi p/n 70532
407482	Head Assembly H "E Series" 600 psi p/n 70533
407483	Head Assembly H "E Series" 1000-1200 psi p/n 70534
407484	Three-turn locking ring 150-600 psi
407485	Three-turn locking ring 1000-1200 psi
407486	Permeate port retaining ring
407487	Bearing plate 300 psi
407488	Bearing plate 400-450 psi
407489	Bearing plate 600 psi
407490	Bearing plate 1000 psi
407491	Head seal
407492	Permeate port H 300 psi
407493	Permeate port H 400-450 psi
407494	Permeate port H 600 psi
407495	Permeate port H 1000 psi
407496	PWT seal
407497	Thrust cone
407498	Feed / concentrate port 300 psi
407499	Feed / concentrate port 400-450 psi
407500	Feed / concentrate port 600 psi
407501	Feed / concentrate port 1000 psi
407502	Retaining ring 300 psi
407503	Retaining ring 400-450 psi
407504	Retaining ring 600 psi
407505	Retaining ring 1000 psi
407506	Feed / concentrate port seal
407507	Strap
407508	Saddle
407509	Permeate nut 1 1/2" G
407510	Permeate adapter D32 to glue
407511	Permeate port H o-ring
407512	Permeate port H flat gasket

Spare Parts for 8" Side Port Wave Cyber Vessels

REF.	DESCRIPTION
407530	Head Assembly H - "P Series" 150 psi p/n 70524
407531	Head Assembly H - "P Series" 300 psi p/n 70525
407532	Head Assembly H - "P Series" 450 psi p/n 70526
407533	Head Assembly H - "P Series" 600 psi p/n 70527
407534	Head Assembly H - "P Series" 1000 psi p/n 70528
407535	Head Assembly H - "P Series" 1200 psi p/n 70529
407536	Three-turn locking ring 150-600 psi
407537	Three-turn locking ring 1000-1200 psi
407538	Permeate port retaining ring
407539	Bearing plate 150 psi
407540	Bearing plate 300 psi
407541	Bearing plate 450 psi
407542	Bearing plate 600 psi
407543	Bearing plate 1000 psi
407544	Permeate port H 150 psi
407545	Permeate port H 300 psi
407546	Permeate port H 450 psi
407547	Permeate port H 600 psi
407548	Permeate port H 1000 psi
407549	Head seal
407550	PWT seal
407551	Thrust cone
407552	Strap
407553	Saddle
407554	Permeate nut 1 1/2" G
407555	Permeate adapter D32 to glue
407556	Permeate port H o-ring
407557	Permeate port H flat gasket

Fleck Valves



- 4600 Fleck Valve
- 5600 Fleck Valve
 - 5600 SXT
 - 5000 SXT
- 6600 Fleck Valve
- 6665 Fleck Valve
- 6700 Fleck Valve
- 6765 Fleck Valve
- 7700 Fleck Valve
- 9000 Fleck Valve
- 9100 Fleck Valve
- 9500 Fleck Valve
- 2510 Fleck Valve
- 2750 Fleck Valve
- 2850 Fleck Valve
- 2910 Fleck Valve
- 3150 Fleck Valve
- 3900 Fleck Valve
- Remote Meters
- NXT Meter & Meter Cables
- Yokes, By-Pass, Brine Valves
 - Air Checks, Distributors
- In-line Meters for SXT, ET, NXT; Other
- Accessories delivered with but not fitted to valves

Customization, Performance, Quality – With more than 10 models, 90 different options and over 3,000 configurations, Fleck product line has a valve that sets you apart - something unique to sell as you target specific customer needs.

Whether the application is softening or filtration, residential or industrial, hot or cold water, Fleck has a proven record of performance and reliability year after year.

- Birth date: 1950
- Production sites: Buc (France), Pisa (Italy)
- Number of active references: 6000
- Star Product: 5600 valve

4600 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	4600 / 1600 Timeclock Mechanical
TIMER	SXT Timer
METER CHOICES	¾" Meter - 8 m ³
	¾" Meter - 40 m ³
	¾" Meter Turbine - Electronic
OPTIONS	
Fast Regeneration	for tanks up to 10" (25 ltr resin)
Mechanical Immediate Regeneration	including microswitch not wired
24 V / 50-60 Hz	with transformer 230-24 V / 50-60 Hz 10 VA
24 V / 50-60 Hz	with transformer UK plug 230-24 V / 50-60 Hz 10 VA
LWU Piston	low water usage
Filter	
Without mixing, brine valve, injector / with plug - sans mixing, vanne à saumure, ni injecteur / avec bouchon - Ohne Verschneidung, Solesystem, ohne Injektor / mit Stopfen - senza mixing, valvola salamoia, eiettore / con tapo - Sin mixing, válvula de salmuera, sin eyector / con un tapón	
	- filter
	- no brine valve
Hot Water Timeclock - up to 82° C	may be sold individually
Hot Water ¾" with EcoByPass - up to 65° C	except electronic version
Hot water valves and their options include all internal hot water resistant parts. - Les vannes Eau Chaude et leurs options comprennent toutes les pièces internes adaptées à cet usage. - Die Heißwasser Ventile und deren Optionen enthalten alle internen Heißwasser beständigen Teile. - Le valvole per acqua calda e le loro opzioni comprendono tutti i particolari interni adattati per questo impiego. - Válvulas y sus partes internas resistentes al agua caliente.	

5600 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	5600 / 1600 Timeclock Mechanical
METER CHOICES	3/4" Meter - 8 m ³
	3/4" Meter - 40 m ³
OPTIONS	
Fast Regeneration	for tanks up to 10" (25 ltr resin)
Mechanical Immediate Regeneration	including microswitch not wired
24 V / 50-60 Hz	with transformer 230-24 V / 50-60 Hz 10 VA
24 V / 50-60 Hz	with transformer UK plug 230-24 V / 50-60 Hz 10 VA
LWU Piston	low water usage
Filter	
Without mixing, brine valve, injector / with plug - sans mixing, vanne à saumure, ni injecteur / avec bouchon - Ohne Verschneidung, Solesystem, ohne Injektor / mit Stopfen - senza mixing, valvola salamoia, eiettore / con tapo - Sin mixing, válvula de salmuera, sin eyector / con un tapón	
	- filter
	- no brine valve

5600 SXT Fleck Electronic Valve



DESCRIPTION	APPLICATION
BASE VALVE	5600 / 1600 SXT Timeclock
METER CHOICE	¾" Meter Turbine - Electronic
OPTIONS	
Upflow regeneration	packed by 4
Double backwash Cam	light blue
Transformer UK Plug	230-24 V / 50-60 Hz 10 VA
Filter	
Without mixing, brine valve, injector / with plug - sans mixing, vanne à saumure, ni injecteur / avec bouchon - Ohne Verschneidung, Solesystem, ohne Injektor / mit Stopfen - senza mixing, valvola salamoia, eiettore / con tapo - Sin mixing, válvula de salmuera, sin eyector / con un tapón	
	- filter
	- no brine valve

5000 SXT Electronic Valve



DESCRIPTION	APPLICATION
BASE VALVE	5000 / 1600 SXT Timeclock
METER CHOICE	¾" Meter Turbine - Electronic
OPTIONS	
Up Flow regeneration	
DLFC > 7 GPM (8, 9, 10, 12, 15 GPM)	1" Brass & reducer bushing
Transformer UK Plug	230-24 V / 50-60 Hz 10 VA
Filter - Up Flow always	
Without mixing, brine valve, injector / with plug - sans mixing, vanne à saumure, ni injecteur / avec bouchon - Ohne Verschneidung, Solesystem, ohne Injektor / mit Stopfen - senza mixing, valvola salamoia, eiettore / con tapo - Sin mixing, válvula de salmuera, sin eyector / con un tapón	
- filter	
- no brine valve	

6600 Fleck Valve

DESCRIPTION	APPLICATION
BASE VALVE	6600 / 1600 Timeclock
METER CHOICE	¾" Meter - Electronic
OPTIONS	
Up Flow regeneration	
Variable brining	always with Up Flow metered
Transformer UK Plug	230-24 V / 50-60 Hz 10 VA



6665 Fleck Valve

DESCRIPTION	APPLICATION
BASE VALVE	6665 / 1600 ¾" Meter Electronic



6700 Fleck Valve

DESCRIPTION	APPLICATION
BASE VALVE	6700 / 1600 Timeclock
METER CHOICE	¾" Meter - Electronic
OPTIONS	
Up Flow regeneration	
Variable brining	always with Up Flow metered
Transformer UK Plug	230-24 V / 50-60 Hz 10 VA



6765 Fleck Valve

DESCRIPTION	APPLICATION
BASE VALVE	6765 / 1600 ¾" Meter Electronic



7700 Fleck Valve

DESCRIPTION	APPLICATION
BASE VALVE	7700 / 1600 SXT Timeclock
METER CHOICE	1 ¼" Integral Meter Electronic
OPTIONS	High Flow
Filter	
Without mixing, brine valve, injector / with plug - sans mixing, vanne à saumure, ni injecteur / avec bouchon - Ohne Verschneidung, Solesystem, ohne Injektor / mit Stopfen - senza mixing, valvola salamoia, eiettore / con tapo - Sin mixing, válvula de salmuera, sin eyector / con un tapón	
	- filter (microswitch included)
	- no brine valve
Injector # 4	
Injector # 5	
Transformer UK Plug	230-24 V / 50-60 Hz 10 VA



9000 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	9000 / 1600 ¾" Meter 8 m³ Mechanical
TIMER CHOICES	SXT Timer ET Timer
METER CHOICES	
¾" Meter - 40 m³	Plastic
¾" Meter - Electronic	Plastic
1" Meter - 20 m³	Brass
1" Meter - 100 m³	Brass
1" Meter - Electronic with "ET" ON LY	Brass with plastic cove
OPTIONS	
Up Flow regeneration	
Auxiliary Microswitch	not wired
Auxiliary Microswitch	wired - included with ET
Transformer UK Plug	230-24 V / 50-60 Hz 10 VA
Hot Water ¾" with EcoByPass - up to 65° C	except electronic version
Hot Water 1" Meter - up to 65° C except electronic version 103,14	
Hot water valves and their options include all internal hot water resistant parts. - Les vannes Eau Chaude et leurs options comprennent toutes les pièces internes adaptées à cet usage. - Die Heißwasser Ventile und deren Optionen enthalten alle internen Heißwasser beständigen Teile. - Le valvole per acqua calda e le loro opzioni comprendono tutti i particolari interni adattati per questo impiego. - Válvulas y sus partes internas resistentes al agua caliente.	

9100 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	9100 / 1600 ¾" Meter 8 m³ Mechanical
	Delivered with PVC connecting tubes 7" or 9" or 12" or 16" - 28243-xx
TIMER CHOICES	SXT Timer
	ET Timer
METER CHOICES	
¾" Meter - 40 m³	Plastic
¾" Meter - Electronic	Plastic
1" Meter - 20 m³	Brass
1" Meter - 100 m³	Brass
1" Meter - Electronic with "ET" ONLY	Brass with plastic cover
Options	
Mixing	
Up Flow regeneration	
Auxiliary Microswitch	not wired
Auxiliary Microswitch	wired - included with ET
Transformer UK Plug	230-24 V / 50-60 Hz 10 VA

9500 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	9500 / 1650 1" Meter 20 m ³ Mechanical
	Kit copper tubes 2nd tank adapter sold separately as accessories
TIMER CHOICES	SXT Timer
	ET Timer
METER CHOICES	
1" Meter - 100 m ³	Brass
1" Meter - Electronic	Brass with plastic cover
1 ½" Meter - 40 m ³	Brass
1 ½" Meter - 200 m ³	Brass
1 ½" Meter - Electronic	Brass with plastic cover
1 ½" InLine Meter - Electronic	Plastic
OPTIONS	
Brine valve 1710	
Auxiliary Microswitch	not wired
Auxiliary Microswitch	wired - included with ET
Transformer UK Plug	230-24 V / 50-60 Hz 10 VA
Hot Water 1" & 1 ½" Meter - up to 65° C	except electronic version
Hot water valves with 1700 BV and their options include all internal hot water resistant parts. - Les vannes Eau Chaude avec BV 1700 et leurs options comprennent toutes les pièces internes adaptées à cet usage. - Die Heißwasser Ventile mit 1700 Soleventile und deren Optionen enthalten alle internen Heißwasser beständigen Teile. - Le valvole per acqua calda con valvola salamoia 1700 e le loro opzioni comprendono tutti i particolari interni adattati per questo impiego. - Válvulas con válvula de salmuera 1700 y sus partes internas resistentes al agua caliente.	

2510 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	Including microswitch not wired
	2510 / 1650 Timeclock Mechanical
TIMER CHOICES	Manual / Filter
	SXT Timer
	ET Timer
METER CHOICES	
¾" Meter - 8 m ³	Plastic
¾" Meter - 40 m ³	Plastic
¾" Meter - Electronic (Meter turbine with SXT)	Plastic
OPTIONS	
Mechanical Immediate Regeneration	
Auxiliary Microswitch	wired - included with ET
PVC Injector (for Potassium Permanganate)	only with system 1600
NBP Piston (No By-Pass)	
DLFC > 7 GPM (8, 9, 10, 12, 15 GPM)	1" Brass & reducer bushing
Filter	
Without brine valve, injector / with plug - sans vanne à saumure, ni injecteur / avec bouchon - Ohne Solesystem, ohne Injektor / mit Stopfen - senza valvola salamoia, eiettore / con tapo - Sin válvula de salmuera, sin eyector / con un tapón	
- filter	

2750 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	Including microswitch not wired
	2750 / 1650 Timeclock Mechanical
TIMER CHOICES	Manual / Filter
	SXT Timer
	ET Timer
	NXT Timer
SYSTEM	Duplex # 7
METER CHOICES	
NXT → See Remote Meters Chapter	
¾" Meter - 8 m ³	Brass
¾" Meter - 40 m ³	Brass
¾" Meter - Electronic	Brass with plastic cover
1" Meter - 20 m ³	Brass
1" Meter - 100 m ³	Brass
1" Meter - Electronic	Brass with plastic cover
1" Inline Meter - Electronic	Plastic
OPTIONS	
Mechanical Immediate Regeneration	
Auxiliary Microswitch	wired - included with ET
PVC Injector (for Potassium Permanganate)	only with system 1600
NBP Piston (No By-Pass)	
DLFC > 7 GPM (8, 9, 10, 12, 15, 20, 25 GPM)	
Brine valve 1710	
Filter	
Without brine valve, injector / with plug - sans vanne à saumure, ni injecteur / avec bouchon - Ohne Solesystem, ohne Injektor / mit Stopfen - senza valvola salamoia, eiettore / con tapo - Sin válvula de salmuera, sin eyector / con un tapón	
	- filter
Hot Water Timeclock - up to 82° C	
Hot Water ¾" & 1" Meter - up to 65° C	except electronic version
Hot water valves with 1700 BV and their options include all internal hot water resistant parts. - Les vannes Eau Chaude avec BV 1700 et leurs options comprennent toutes les pièces internes adaptées à cet usage. - Die Heißwasser Ventile mit 1700 Soleventile und deren Optionen enthalten alle internen Heißwasser beständigen Teile. - Le valvole per acqua calda con valvola salamoia 1700 e le loro opzioni comprendono tutti i particolari interni adattati per questo impiego. - Válvulas con válvula de salmuera 1700 y sus partes internas resistentes al agua caliente.	

2850 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	Including microswitch not wired
	2850 / 1650 Timeclock Mechanical
TIMER CHOICES	Manual / Filter
	SXT Timer
	ET Timer
	NXT Timer
SYSTEM	Duplex # 7
METER CHOICES	
NXT → See Remote Meters Chapter	
1" Meter - 20 m ³	Brass
1" Meter - 100 m ³	Brass
1" Meter - Electronic	Brass with plastic cover
1 ½" Meter - 40 m ³	Brass
1 ½" Meter - 200 m ³	Brass
1 ½" Meter - Electronic	Brass with plastic cover
1 ½" InLine Meter - Electronic	Plastic
OPTIONS	
Mechanical Immediate Regeneration	
Auxiliary Microswitch	wired - included with ET
PVC Injector (for Potassium Permanganate)	only with system 1600
NBP Piston (No By-Pass)	
DLFC > 7 GPM (8, 9, 10, 12, 15, 20, 25 GPM)	1" Brass
DLFC - 30 GPM	1" Brass
DLFC - 35, 40, 45 GPM - 2850 Filter	2" Brass
Brine valve 1710	
Filter	
Without brine valve, injector / with plug - sans vanne à saumure, ni injecteur / avec bouchon - Ohne Solesystem, ohne Injektor / mit Stopfen - senza valvola salamoia, eiettore / con tapo - Sin válvula de salmuera, sin eyector / con un tapón	
- filter	
Hot Water Timeclock - up to 82° C	
Hot Water 1" & 1 ½" Meter - up to 65° C	except electronic version
Hot water valves with 1700 BV and their options include all internal hot water resistant parts. - Les vannes Eau Chaude avec BV 1700 et leurs options comprennent toutes les pièces internes adaptées à cet usage. - Die Heißwasser Ventile mit 1700 Soleventile und deren Optionen enthalten alle internen Heißwasser beständigen Teile. - Le valvole per acqua calda con valvola salamoia 1700 e le loro opzioni comprendono tutti i particolari interni adattati per questo impiego. - Válvulas con válvula de salmuera 1700 y sus partes internas resistentes al agua caliente.	

2910 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	Including microswitch not wired
	2910 / 1650 Timeclock Mechanical
TIMER CHOICES	SXT Timer
	ET Timer
	NXT Timer
SYSTEM	Duplex # 7
METER CHOICES	
NXT → See Remote Meters Chapter	
1 ½" Meter - 40 m ³	Brass
1 ½" Meter - 200 m ³	Brass
1 ½" Meter - Electronic	Brass with plastic cover
2" Meter - 75 m ³	Brass
2" Meter - 375 m ³	Brass
2" Meter - Electronic	Brass with plastic cover
2" Meter - 75 m ³	Plastic
2" Meter - 375 m ³	Plastic
2" Meter - Electronic	Plastic
OPTIONS	
Mechanical Immediate Regeneration	
Up Flow regeneration	
Auxiliary Microswitch	wired
PVC Injector (for Potassium Permanganate)	only with system 1600
NBP Piston (No By-Pass)	
DLFC > 7 GPM (8, 9, 10, 12, 15, 20, 25 GPM)	1" Brass
DLFC - 30 GPM	1" Brass
Brine valve 1710	
Filter	
Without brine valve, injector / with plug - sans vanne à saumure, ni injecteur / avec bouchon - Ohne Solesystem, ohne Injektor / mit Stopfen - senza valvola salamoia, eiettore / con tapo - Sin válvula de salmuera, sin eyector / con un tapón	
	- filter
Hot Water Timeclock - up to 82° C	
Hot Water 1 ½" & 2" Meter - up to 65° C	except electronic version
Hot water valves with 1700 BV and their options include all internal hot water resistant parts. - Les vannes Eau Chaude avec BV 1700 et leurs options comprennent toutes les pièces internes adaptées à cet usage. - Die Heißwasser Ventile mit 1700 Soleventile und deren Optionen enthalten alle internen Heißwasser beständigen Teile. - Le valvole per acqua calda con valvola salamoia 1700 e le loro opzioni comprendono tutti i particolari interni adattati per questo impiego. - Válvulas con válvula de salmuera 1700 y sus partes internas resistentes al agua caliente.	

3150 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	Including microswitch not wired
	3150 / 1800 Timeclock Mechanical Top Mount
TIMER CHOICES	ET Timer
	NXT Timer
SYSTEM	Duplex # 7
METER CHOICES	
NXT → See Remote Meters Chapter	
1 ½" Meter - 40 m ³	Brass
1 ½" Meter - 200 m ³	Brass
1 ½" Meter - Electronic	Brass with plastic cover
2" Meter - 75 m ³	Brass
2" Meter - 375 m ³	Brass
2" Meter - Electronic	Brass with plastic cover
2" Meter - 75 m ³	Plastic
2" Meter - 375 m ³	Plastic
2" Meter - Electronic	Plastic
OPTIONS	
Side Mount	
Mechanical Immediate Regeneration	
Up Flow regeneration	
Auxiliary Microswitch	wired - included with ET
NBP Piston (No By-Pass)	
DLFC - 25 to 100 GPM	2" Brass
Filter	
Without brine valve, injector / with plug - sans vanne à saumure, ni injecteur / avec bouchon - Ohne Solesystem, ohne Injektor / mit Stopfen - senza valvola salamoia, eiettore / con tapo - Sin válvula de salmuera, sin eyector / con un tapón	
	- filter
	- brine valve
Hot Water Timeclock - up to 82° C	
Hot Water 1 ½" & 2" Meter - up to 65° C	except electronic version
Hot water valves with 1700 BV and their options include all internal hot water resistant parts. - Les vannes Eau Chaude avec BV 1700 et leurs options comprennent toutes les pièces internes adaptées à cet usage. - Die Heißwasser Ventile mit 1700 Soleventile und deren Optionen enthalten alle internen Heißwasser beständigen Teile. - Le valvole per acqua calda con valvola salamoia 1700 e le loro opzioni comprendono tutti i particolari interni adattati per questo impiego. - Válvulas con válvula de salmuera 1700 y sus partes internas resistentes al agua caliente.	

3900 Fleck Valve



DESCRIPTION	APPLICATION
BASE VALVE	
3900 / 1800 Timeclock Mechanical	top mount threaded or flanged
TIMER CHOICES	
	ET Timer
	NXT Timer
SYSTEM	Duplex # 7
METER CHOICES	
NXT → See Remote Meters Chapter	
3" Meter - 240 m ³	Brass
3" Meter - 1200 m ³	Brass
3" Meter - Electronic	Brass with plastic cover
OPTIONS	
Side Mount	
Mechanical Immediate Regeneration	
Up Flow regeneration	
Auxiliary Microswitch	not wired
Auxiliary Microswitch	wired
NBP Piston (No By-Pass)	
DLFC - 25 to 100 GPM	2" Brass
Filter	
Without brine valve, injector / with plug - sans vanne à saumure, ni injecteur / avec bouchon - Ohne Solesystem, ohne Injektor / mit Stopfen - senza valvola salamoia, eiettore / con tapo - Sin válvula de salmuera, sin eyector / con un tapón	
	- filter
	- brine valve

NBP Piston

No By-Pass Piston: Automatic shut-off of the outlet during regeneration - no hard water by pass. Caution: This piston is not suitable for Duplex # 7 with single-piston valves. This piston is fitted as a standard item on double-piston valves (2910 and 3900) for multiplex systems.

Piston N BP: Fermeture automatique de la sortie pendant la régénération.

Attention: Ce piston ne fonctionne pas pour les systèmes Duplex # 7 avec des vannes mono-pistons. Ce piston est monté en standard sur les vannes bipistons (2910 et 3900)

pour les systèmes multiplex.

NBP K olben: Automatische Wassersperre am Ausgang während der Regeneration.

Merke: dieser K olben ist für Duplex # 7 bei Einzelkolbenventilen nicht geeignet. NBP K olben wird immer auf multiplex Systeme mit Doppelkolbenventile (2910 und 3900) eingebaut.

Pistone N BP: Chiusura automatica dell'uscita durante la rigenerazione.

Attenzione: questo pistone non funziona per i sistemi duplex # 7 con valvole singolo-pistone. Questo pistone è montato in standard sulle valvole doppio-pistone (2910 e



3900) per sistemi multiplex.

Pistón N BP: Cierra automáticamente la salida durante la regeneración - No hay by-pass de agua dura. Atención: este pistón no es recomendable para equipos duplex # 7 con válvulas de un solo pistón. Este pistón se suministra como standard en las válvulas de doble pistón (2900 y 3900) en los sistemas multiplex.

Duplex Systems # 7

Special wirings for Duplex are included in the valves prices. Duplex System # 7 alternating: 2 valves A & B, one in service, the second one in regeneration or standby. Duplex System # 7 = 2 valves for duplex systems (A & B) + 1 remote meter. For example if you want to order a 2910 Duplex # 7: order 2 valves 2910 (A & B) + 1 remote meter.

Câblages Duplex inclus dans le prix des vannes. Système Duplex # 7 alterné: 2 vannes - une en service, la seconde en régénération ou attente. Système Duplex # 7 : 2 vannes pour système duplex (A & B) + 1 compteur à distance (remote meter). Exemple : pour commander un Duplex 2910 # 7: commander 2 vannes 2910 (A & B) + 1 compteur à distance (re-

remote meter).

Verkabelung für Duplexanlage ist im Ventilpreis inbegriffen. Duplex System # 7 Alternating (Pendel): 2 V entile A & B - ein in Betrieb, das zweite in Regeneration oder in Wartstellung. Duplex System # 7: 2 V entile für Duplex Systeme (A & B) + 1 remote meter z.B. um ein 2910 Duplex # 7 zu bestellen: 2 V entile 2910 2" Meter (A & B) + 1 remote meter.

Cablaggio duplex incluso nel prezzo delle valvole. Sistema duplex # 7 alternato: 2 valvole - una in servizio, la seconda in rigenerazione o in attesa. Sistema duplex # 7: 2 valvole per sistema duplex (A & B) + 1 remote meter Esempio: per ordinare uno duplex 2910 # 7: ordinare 2 valvole 2910 (A & B) + 1 remote meter. El



cableado especial para Duplex está incluido en el precio de la válvula. Sistema Duplex # 7 alternativo: 2 válvulas A & B, una en servicio, otra en regeneración o stand by Sistema Duplex # 7: 2 válvulas para sistema duplex (A & B) + 1 contador remoto Ej.: si se quiere pedir una 2910 duplex # 7: deben pedirse 2 válvulas 2910 (A & B) + 1 contador remoto.

Remote Meters



Simplex / Timer 3210
Delayed - 24 V / 50 Hz



Simplex / Timer 3220
Immediate - 24 V / 50 Hz



Duplex / Timer 3245
- 24 V / 50 Hz

REFERENCE	APPLICATION	DESCRIPTION	SYSTEM	PACKING QTY
SIMPLEX / TIMER 3210 DELAYED - 24 V / 50 HZ				
27040-01	2750	20 m ³		1
27042-01	2750	100 m ³		1
27051-01	2850	40 m ³		1
27053-01	2850	200 m ³		1
27044-01	2910 & 3150	75 m ³		1
27045-01	2910 & 3150	375 m ³		1
27047-01	3900	240 m ³		1
27049-01	3900	1200 m ³		1
SIMPLEX / TIMER 3220 IMMEDIATE - 24 V / 50 HZ				
28308-01	2910	40 m ³	# 7	1
28309-01	2910	200 m ³	# 7	1
27043-01	2910	75 m ³	# 7	1
26159-01	2910	375 m ³	# 7	1
27046-01	3900	240 m ³	# 7	1
27048-01	3900	1200 m ³	# 7	1
DUPLEX / TIMER 3245 - 24 V / 50 HZ				
27039-01	2750	20 m ³	# 7	1
27041-01	2750 & 2850	100 m ³	# 7	1
27050-01	2850 & 3150	40 m ³	# 7	1
27052-01	2850 & 3150	200 m ³	# 7	1
27127-01	2850 & 3150	75 m ³	# 7	1
27128-01	2850 & 3150	375 m ³	# 7	1
Nota: mechanical remote meters can also be delivered in 110 V / 60 Hz (xxxxx-02) or in 230 V / 50 Hz (xxxxx-03) - Les compteurs remote mécaniques peuvent aussi être livrés en 110 V / 60 Hz (xxxxx-02) ou en 230 V / 50 Hz (xxxxx-03) - Die mechanischen Fernwasserzähler können auch in 110 V / 60 Hz (xxxxx-02) oder in 230 V / 50 Hz (xxxxx-03) ausgeliefert werden - Il remote meters meccanici possono anche essere consegnati in 110 V / 60 Hz (xxxxx-02) o in 230 V / 50 Hz (xxxxx-03) - El remote meters mecánicos pueden también suministrarse en 110 V / 60 Hz (xxxxx-02) o en 230 V / 50 Hz (xxxxx-03)				

NXT Meter & Meter Cables

REFERENCE	APPLICATION	DESCRIPTION	SYSTEM	PACKING QTY
<p>All NXT valves are timeclock (except 2750 ¾"). Should you want an econominder version, you need to order a meter kit with the valve. - Toutes les vannes NXT sont livrées en version chronométrique (à l'exception des 2750 ¾"). Pour une version volumétrique, vous devez commander un kit compteur (kit meter) en sus. - Alle NXT Ventile sind zeitgesteuert (außer Ventil 2750 ¾"). Bräuchten Sie eine mengengesteuerte Version, sollten Sie ein Wasserzähler Kit (meter kit) dazu bestellen. - Tutte le valvole NXT sono a tempo (salvo 2750 ¾"). Per avere una versione a olume, è necessario ordinare uno kit contatore (kit meter) in più. - Todas las válvulas NXT son cronométricas (excepto la 2750 ¾"). Si se requiere la versión volumétrica, debe solicitarse un kit contador.</p> <p># 5 - 1 meter kit/valve # 6 - 1 meter kit/system # 7 - 1 meter kit/system (2 valves only) # 9 - 1 meter kit/valve.</p> <p># 7 only for Duplex system; in case of multiplex this is # 9 - #7 uniquement pour systèmes Duplex ; # 9 en cas de Multiplex - #7 nur für Duplexsysteme; im Falle Multiplexsysteme, handelt es sich um #9 - #7 Solo per sistemi Duplex ; #9 in caso di Multiplex - #7 sólo para sistemas Duplex; para los Multiplex es #9.</p>				
KIT METER NT - NXT				
28283		Kit Meter NT - NXT 1" Brass		1
28284		Kit Meter NT - NXT 1½" Brass		1
28285		Kit Meter NT - NXT 2" Brass		1
28295		Kit Meter NT - NXT 2" Plastic		1
28286		Kit Meter NT - NXT 3" Brass		1
METER CABLES NXT				
28114-06		Meter cable 0,7 m		
28114-08		Meter cable 2,5 m delivered with each meter kits		1
28114-09		Meter cable 7,7 m		1
<p>Communication cable kit (RJ-45 – Standard Ethernet network Cable) can be ordered separately under PN BU 41692 - Le câble de d'interconnexion (RJ-45 – Câble de réseau Ethernet classique) peut être commandé séparément sous la référence BU 41692 - Kommunikationsskabel Satz (RJ-45 – Standard Ethernet Netzwerk Kabel) kann Separat bestellt werden : BU 41692 - Kit cavo di comunicazione (RJ-45 – Cavo Ethernet Standard) può essere ordinato separatamente codice PN BU 41692 - Kit de cables de comunicación (RJ-45- Cable de red Ethernet estándar) puede solicitarse por separado con el código PN BU 41692.</p>				

Yokes

REF.	DESCRIPTION	APPLICATION	PACKING QTY
13398-10	1" BSP female brass	Res - 2510 - 9000 - 9100	24
24735	1" BSP female brass mixing	9000 - 9100	24
18706-10	1" BSP male plastic	Res - 2510 - 9000 - 9100	24
40563-11	1" Connector Male BSP, Plastic QC (2 connectors per valve)	7700 - InLine Meter	24
40565-11	1 ¼" Connector Male BSP, Plastic QC (2 connectors per valve)	7700 - InLine Meter	24
BU28569	1 ½" Connector Male BSP, Plastic QC (2 connectors per valve)	InLine Meter	24
24689	¾" BSP male brass	Res - 2510 - 9000 - 9100	24
18706-12	¾" BSP male plastic	Res - 2510 - 9000 - 9100	24



By-Pass

REF.	DESCRIPTION	APPLICATION	PACKING QTY
BU28502	1" BSP female Stainless Steel	Res - 2510 - 9000 - 9100	12
24734-10	1" BSP female brass with mixing	9000 ¾" - 9100 ¾"	12
BU26054	Plastic (no yoke)	Res - 2510 - 9000 - 9100	12
40569-01	By Pass 7700 Valve with Clips	7700	6



Brine Valves

REF.	DESCRIPTION	APPLICATION	PACKING QTY
27833	SBV 2300 - without air-check	1600 & 1650	24
27834	SBV 2300 Hot Water - without air-check	1600 & 1650 HW	24
60067-03	SBV 2310 - without air-check	1600 & 1650	24
25453	SBV 2350 - without air check	1700 - 1710 & 1800	5
25364	Mounting part 1" NPT male x 3/8" fem.	1700 & 1710 with SBV2350	5
28182	Union PVC fem. 1" to be glued - male 1" BSP	1800 with SBV 2350	5
25687	BV 44 914 mm	1600 & 1650	10
18961	BV 44 1250 mm	1600 & 1650	10



Air Checks

REF.	DESCRIPTION	APPLICATION	PACKING QTY
18168	A.C. 500A 915 mm (36")	1600 & 1650	48
26773	A.C. 500A 1 m 25	1600 & 1650	48
23473	A.C. 500 Hot Water	1600 HW	48
18979	A.C. 900 1 m 88	1700 - 1710 & 1800	5
BU28510	A.C. 900 1 m 10	1700 - 1710 & 1800	5
18980	A.C. 900 Hot Water	1700 & 1800 HW	5



Distributors

REF.	DESCRIPTION	APPLICATION	PACKING QTY
DISTRIBUTOR ASSY			
27827	1" high flow 1 m 10	Res -2510-2750-9000-9100	24
25645	1" high flow 1 m 95	Res -2510-2750-9000-9100	24
BU28508	1" high flow Hot Water 1 m 10	2750 - 4600 - 9000 - 9100	24
21675	1" high flow Hot Water 1 m 95	2750 - 4600 - 9000 - 9100	12
27828	1" UF & high capacity 1 m 10	Res - UF	24
BU28509	1" high capacity Hot Water 1 m 10	4600 - 9000 - 9100	24
25639	1" high capacity Hot Water 1 m 88	4600 - 9000 - 9100	24
18404	2" 1 m 82	2850 - 2910 - 9500	5
BU26052	2" Hot Water 1 m 82	2850 - 2910 - 9500	5
BOTTOM DISTRIBUTORS			
25360	1" High Flow	Res -2510-2750-9000-9100	100
27106	1" High Flow Hot Water	2750 - 4600 - 9000 - 9100	50
25797	1" UF & High capacity	Res - UF	50
27109	1" High capacity Hot Water	4600 - 9000 - 9100	50
18396	2"	2850 - 2910 - 9500	5
26050	2" Hot Water	2850 - 2910 - 9500	5
1002-D32	32 mm Bottom Distributor High Flow	Res - 7700	12



Distributors

REF.	DESCRIPTION	APPLICATION	PACKING QTY
DISTRIBUTOR TUBES			
27826	1" - 1 m 06	Res -2510-2750-9000-9100	25
BU28650	1" - 1 m 06 ACS	Res -2510-2750-9000-9100	24
21874	1" - 1 m 85	Res -2510-2750-9000-9100	25
BU28648	1" - 1 m 85 ACS	Res -2510-2750-9000-9100	24
BU28507	1" - 1 m 06 Hot Water	4600 - 2750 - 9000 - 9100	25
12165-01	1" - 1 m 78 Hot Water	4600 - 2750 - 9000 - 9100	25
21148-01	2" - 1 m 66	2850 - 2910 - 9500	10
BU28649	2" - 1 m 66 ACS	2850 - 2910 - 9500	5
21148HW	2" - 1 m 66 Hot Water	2850 - 2910 - 9500	10

Res = residential valves / H W = hot water / UF = up flow. All these articles can also be bought separately with an addition of 30 %.

Res. = vannes domestiques / H W = eau chaude / UF = contre courant. Toutes ces pièces peuvent être vendues à l'unité avec un surcoût de 30 %.

Res. = Haushaltsventile / H W = heisswasser / UF = Gegenstrom. Alle diese Teile können einzeln verkauft werden, mit einem Mehrpreis von 30 %.

Res. = valvole residenziali / H W = acqua calda / UF = up flow. Tutti gli articoli possono essere acquistati separatamente, aggiungendo il 30% al prezzo indicato.

Res. = válvulas domesticas / H W = agua caliente / UF = up flow. Todos los artículos se pueden comprar por separado añadiendo el 30% al precio indicado.

In-line Meters for SXT, ET, NXT

REF.	DESCRIPTION	APPLICATION	PACKING QTY
28461-02	1" BSP plastic	2750	1
28461-04	1 ¼" BSP plastic	2750, 2850, 2910	1
28461-14	1 ½" BSP Plastic	2850, 9500	1

Kit Meter In-Line Assy, with threaded connections and meter cable - Kit compteur In-Line, avec raccords filetés et câble de compteur - Kit In-Line Wasserzähler, mit Gewindeanschlüssen und Wasserzählerkabel - Contatore volumetrico completo con attacchi filettati maschio e cavo contatore. - Kit contador In-Line, con racords roscados y cable contador.



Other

REF.	DESCRIPTION	APPLICATION	PACKING QTY
18122	Kit flexible 2nd tank adapter - 200 mm	9000	10
18123	Kit flexible 2nd tank adapter - 400 mm	for assembly	10
18124	Kit flexible 2nd tank adapter - 500 mm	with yoke 1" female	5
28137-16	Kit copper tubes 2nd tank adapter - 16"	9500	1
28137-20	Kit copper tubes 2nd tank adapter - 20"	9500	1
28137-24	Kit copper tubes 2nd tank adapter - 24"	9500	1
BU61564-10	Mixing Assy 1" Industrial	all industrial valves	1
61415-20	Rotating Side Mount Adapter	2850 - 2910	1



Accessories delivered with but not fitted to valves

REFERENCE	DESCRIPTION
Accessoires livrés mais non montés sur les vannes - Zubehöre, mit Ventil geliefert, jedoch nicht aufgebaut - Accessori consegnati ma non montati sulle valvole - Accesorios suministrados pero no montados en las válvulas.	
FOR BRINE SYSTEMS 1600 & 1650 - KIT 51:	
24575	1 tube guide
12767	1 filter
12794-01	1 elbow 3/8"
10332	3 insert tubes 3/8"
10330	1 sleeve 3/8"
FOR BRINE SYSTEMS 1700 & 1710 - KIT 57:	
15413	1 male elbow 1/2"
23804	1 fitting 3/8"
15415	2 insert tubes 1/2"
16124	2 sleeves 1/2"
BR16123	1 nut 1/2"
FOR BRINE SYSTEMS 1800 - KIT 78:	
28181	2 PVC Union female 1" BSP
16453	1 male pipe fitting 1"
RESIDENTIAL VALVES	
Are delivered with couplings, clips and screws necessary to fit the yoke. Les vannes domestiques sont livrées avec les couplings, clips et vis pour le montage du yoke. - Haushaltsventile werden mit Coupling, Clips und Schrauben für die Montage vom Yoke geliefert. - Le valvole domestiche sono consegnate con coupling, clip e viti per il montaggio del yoke. - Válvulas domésticas se entregan con los acopladores, clips y tornillos necesarios para montar el yoke.	
OTHER KITS (COUPLING / SMALL PARTS / TOP DISTRIBUTORS) DELIVERED WITH VALVES:	
KIT 256	2510 Timeclock
KIT 257	2510 Meter
28357	7700
BU28763	7700 Filter
BU28319	9000
BU28320	9000/6
BU28321	9100

Valve prices include

"CE" COMPLIANCE

All our valves comply with the requirements of the European Directives 2004/108/CE "Electromagnetic Compatibility" and/or 2006/95/CE "Low Voltage". Therefore we deliver our valves:

- 4600, 5600 in 230 V / 50/60 Hz
- 4600, 5600 in 230 V / 50/60 Hz
- 4600SXT , 5000SXT , 5600SE /SXT , 6600, 6700, 7700, 9000, 9100, 9500 in 24 V with transformer 230-24 V / 50/60 Hz, 10 VA
- 2510, 2750, 2850, 2910, 3150 in 24 V with transformer 230-24 V / 50/60 Hz, 60 VA
- 3900 in 24 V with transformer 230-24 V / 50/60 Hz, 105 VA

"ROHS " COMPLIANCE

Our products are RoHS compliant

INDUSTRIAL VALVES (all with Grey cover(s) Pro II)

Valves 2510 - 2750:

- 2510: Top 1" BU28511 (Filter: BU28511-01)
- 2750: Top 1" bayonet 18280 (Filter 18280-01)
- Drain hose barb ½" 13308 (2750) 21511 (2510)

Valves 2850 – 2910:

- Top(s) 2" KIT 8

Valves 3900:

- Flow disperser 3" 16258 (for Top Mount versions)

RESIDENTIAL VALVES

Valves 4600 - 5600:

- Top 1" bayonet 18280 (5600 Filter 18280-01)
- Drain hose barb ½" 13308
- Proportional Mixing
- Standard or LWU (Low Water Usage) piston
- Service & Regeneration lights

Valves 6600 - 6700 dito 5600 with:

- Electronic board 6600 and 6700 respectively

Valves 6665 - 6765 dito 6600 - 6700 with:

- U pflow brining + pressure regulator
- 4 days regeneration override
- D esinfection indicator in the LCD display (6665 - 6765)
- Programmable vacation position (no switch) on 6665 - 6765
- Antiback-flow system
- Chlorinator

Valves 5600SE dito 5600 with:

- Electronic board SE - LCD display

Valves 4600 SXT - 5600 SXT dito 4600 - 5600 with:

- Electronic board SXT - LED display

Valves 5000SXT:

- Top 1" bayonet 18280 (Filter 18280-01)
- ½" Drain elbow 21511
- Proportional Mixing
- Electronic board SXT - LED display
- Black smoked cover

Valves 7700 Standard:

- Brine Fitting 3/8" (0,25 to 1,0 BLFC Button)
- ¾" 90° Drain Elbow (0,8 to 7,0 DLFC Button) or 1" straight Drain Elbow (8 to 25 DLFC Button)
- Proportional mixing
- Pilot tube 1" / Top Distributor 1" bayonet BU28511
- Two I/O Clips 40576
- No Connector (to be ordered separately as accessories)
- Grey Cover

Valves 7700 High Flow dito 7700 with:

- Pilot tube 32mm with 1" reduction kit
- Top Distributor 32mm bayonet BU28764
- No proportional mixing

Valves 7700 Filter dito 7700 with:

- Pilot tube 1" / Top Distributor 1" bayonet BU28511-01
- Auxiliary Microswitch (no wiring)

TW IN VALVES

Valves 9000 / 9100:

- 9000: Tops 1" bayonet 18280
- 9100: Tops 1" bayonet BU28511
- Drain elbow ½" 21511
- 2nd Tank adapter with couplings 24238 (9000)
- 2nd Tank adapter 28242 (9100)
- Black cover

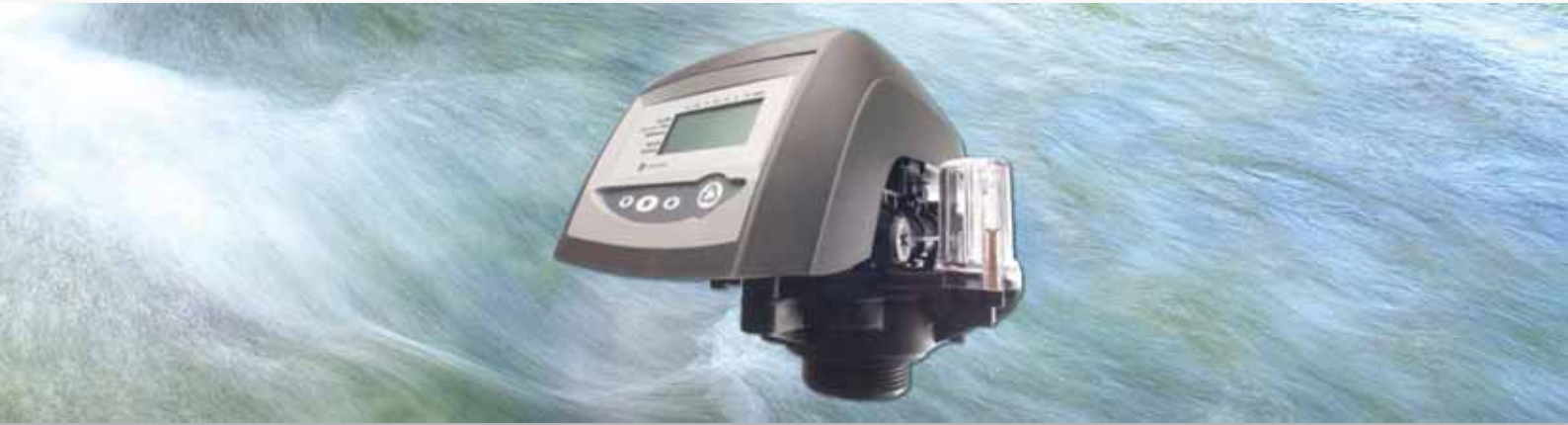
Valves 9500:

- Tops 2" KIT 17
- 2nd Tank adapter 18050
- Black cover

9100 only:

- PVC connecting tubes 7", 9", 12" or 16" 28243-xx

Autotrol valves



- 255-253 Series
 - Performa Autotrol Series
 - Performa CV Autotrol Series
 - Magnum Autotrol Series
 - Magnum IT (2")
- 255 Valves with 400 Series Controllers
 - 255 Valves with Logix Controllers
- 268 Performa Valves with 400 Series Controllers
- 263 Performa Valves with 400 Series Controllers
- 268FA Performa Valves with 400 Series Controllers
 - 268 Valves with Logix Controllers
 - 263 Valves with Logix Controllers
- 268FA Valves with 742 Logix Controller
 - 278 Valves with Logix Controllers
 - 273 Valves with Logix Controllers
- 298 Magnum Valves with Logix Controllers
- 293 Magnum Valves with Logix Controllers

Technology, Reliability, Value - Autotrol's reputation as an innovator in control and component design have made it a brand of choice amongst water treatment professionals around the world. The complete line of Autotrol composite multi-port valves, controllers and accessories provide the advanced features that end-users are looking for and the reliability and value that dealers are requiring.

Birth date: 1963

- Production sites: Pisa (Italy), Brookfield (US)
- Number of active references: 3600
- Star Product: 255 Logix

255-253 Autotrol Series



255-253 SERIES								
VALVE		CONTROLLER		FLOW RATES m ³ /h		TYPE		APPLICATION REMARKS
MODEL	COMMERCIAL NAME	MODEL	FEATURES	SERVICE @ 1.05 BAR DROP	BACKWASH @ 1.09 BAR DROP	5/7 CYCLES	3 CYCLES FILTER	
255	255	440i	Mechanical Time Clock	3,5	1,47	x		
255	255	450i	Impulse	3,5	1,47	x		
255	255	460 tc	Electronic Time Clock	3,5	1,47	x		
255	255	460i	Electronic Volumetric	3,5	1,47	x		
253	253	440i	Mechanical Time Clock	3,5	1,47		x	
253	253	460tc	Electronic Time Clock	3,5	1,47		x	
255	Logix 255	740	Electronic Time Clock	3,5	1,47	x	(¹)	
255	Logix 255	760	Electronic Volumetric	3,5	1,47	x	(¹)	
255	Logix 255	742	Electronic Time Clock	3,5	1,47	x	(²)	
255	Logix 255	762	Electronic Volumetric	3,5	1,47	x	(²)	
255	Logix 255 Twin	764 (³)	Electronic Volumetric	3,5 in mode A, 7 in mode P	1,47 per tank	x	x	2 tanks system, works in parallel or alternating, for High flow or continuous applications
255	Logix 255 L	764 (³)	Electronic Volumetric	3,5 x nb of tank	1,47 per tank	x	x	Single or multi single tank system, works in parallel with lock out, for single or multi single tanks applications

(¹) Controller 740 can be converted into 740F ; Controller 760 can be converted into 760F
 (²) Controller 742 can be converted into 742F; Controller 762 can be converted into 762F
 (³) C ontroller 764 can be used for twin alternating or parallel systems and for single or multi single tank systems depending on the programming, for both softening or filtering applications.

Performa Autotrol Series

PERFORMA SERIES								
VALVE		CONTROLLER		FLOW RATES m ³ /h		TYPE		APPLICATION REMARKS
MODEL	COMMERCIAL NAME	MODEL	FEATURES	SERVICE @ 1.05 BAR DROP	BACKWASH @ 1.09 BAR DROP	5 CYCLES	3 CYCLES FILTER	
268	Performa	440i	Mechanical Time Clock	5.7	3	x		
268	Performa	450i	Impulse	5.7	3	x		
268	Performa	460tc	Electronic Time Clock	5.7	3	x		
268	Performa	460i	Electronic demand (volume) control	5.7	3	x		
268	Logix Performa	740	Electronic Time Clock	5.7	4,54	x	(1)	
268	Logix Performa	760	Electronic demand (volume) control	5.7	4,54	x	(1)	
268	Logix Performa	742	Electronic Time Clock	5.7	4,54	x	(3)	
268	Logix Performa	762	Electronic demand (volume) control	5.7	4,54	x	(3)	
263	Performa Filter	440i	Mechanical Time Clock	5.7	4,54		x	
263	Performa Filter	450i	Impulse	5.7	4,54		x	
263	Performa Filter	460tc	Electronic Time Clock	5.7	4,54		x	
263	Logix Performa Filter	740F	Electronic Time Clock	5.7	4,54	(2)	x	
263	Logix Performa Filter	760F	Electronic demand (volume) control	5.7	4,54	(2)	x	
263	Logix Performa Filter	742F	Electronic Time Clock	5.7	4,54	(4)	x	
263	Logix Performa Filter	762F	Electronic demand (volume) control	5.7	4,54	(4)	x	
268	Performa FA	440i	Mechanical Time Clock	5.7	3	x	FE removal (Greensand): backwash 20 min	
268	Performa FA	460tc	Electronic Time Clock	5.7	3	x	FE removal (Greensand): backwash 20 min	
268	Logix Performa FA	742	Electronic Time Clock	5.7	4,54	x	FE removal (Greensand)	

(1) Controller 740 can be converted into 740F; Controller 760 can be converted into 760F - (2) Controller 740F can be converted into 740 ; Controller 760F can be converted into 760 - (3) Controller 742 can be converted into 742F; Controller 762 can be converted into 762F - (4) Controller 742F can be converted into 742 ; Controller 762F can be converted into 762

Performa CV Autotrol Series



PERFORMA CV SERIES								
VALVE		CONTROLLER		FLOW RATES m ³ /h		TYPE		APPLICATION REMARKS
MODEL	COMMERCIAL NAME	MODEL	FEATURES	SERVICE @ 1.05 BAR DROP	BACKWASH @ 1.09 BAR DROP	5 CYCLES	3 CYCLES FILTER	
278	Logix Performa CV	742	Electronic Time Clock	5.7	4.54	x	⁽¹⁾	
278	Logix Performa CV	762	Electronic Volumetric	5.7	4.54	x	⁽¹⁾	
278	Performa CC 764 Twin	764 ⁽²⁾	Electronic Volumetric	5.7 in alternating mode or 11,4 in parallel mode alternating mode or 11,4 in parallel mode	4.54	x	x	2 tanks system, works in parallel or alternating, for High flow or continuous applications
278	Performa CV 764 L	764 ⁽²⁾	Electronic Volumetric	5.7 x nb of tank	4.54	x	x	Single or multi single tank system, works in parallel with lock out, for single or multi single tanks applications

⁽¹⁾ Controller 742 can be converted into 742F; Controller 762 can be converted into 762F

⁽²⁾ Controller 764 can be used for twin alternating or parallel systems and for single or multi single tank systems depending on the programming, for both softening or filtering applications.

Magnum Autotrol Series



MAGNUM CV (1" 1/2)							
VALVE		CONTROLLER		FLOW RATES m ³ /h		TYPE	
MODEL	COMMERCIAL NAME	MODEL	FEATURES	SERVICE @ 1.05 BAR DROP	BACKWASH @ 1.09 BAR DROP	5 CYCLES	3 CYCLES FILTER
298 CV NHWB	Magnum Cv 742 Logix	742	Electronic Time Clock	18.2	20	x	
298 Cv NHWB	Magnum Cv 762 Logix	762	Electronic Volumetric	18.2	20	x	
293 Cv NU WB	Magnum Cv 742F Logix	742F	Electronic Time Clock	18.2	20		x
293 Cv NU WB	Magnum Cv 762F Logix	762F	Electronic demand (volume) control	18.2	20		x
298 Cv HWB	Magnum Cv 742 Logix	742	Electronic Time Clock	18.2	20	x	
298 Cv HWB	Magnum Cv 762 Logix	762	Electronic Volumetric	18.2	20	x	
293 CV UWB	Magnum Cv 742F Logix	742F	Electronic Time Clock	18.2	20		x
293 CV UWB	Magnum Cv 762F Logix	762F	Electronic demand (volume) control	18.2	20		x

MAGNUM IT (2") - INTERNAL TURBINE 2"							
VALVE		CONTROLLER		FLOW RATES m ³ /h		TYPE	
MODEL	COMMERCIAL NAME	MODEL	FEATURES	SERVICE @ 1.05 BAR DROP	BACKWASH @ 1.09 BAR DROP	5 CYCLES	3 CYCLES FILTER
298 IT NHWB	Magnum IT 742 Logix	742	Electronic Time Clock	18.2	20	x	
298 IT NHWB	Magnum IT 762 Logix	762	Electronic Volumetric	18.2	20	x	
293 IT NU WB	Magnum IT 742F Logix	742F	Electronic Time Clock	18.2	20		x
293 IT NU WB	Magnum IT 762F Logix	762F	Electronic demand (volume) control	18.2	20		x
298 IT HWB	Magnum IT 742 Logix	742	Electronic Time Clock	18.2	20	x	
298 IT HWB	Magnum IT 762 Logix	762	Electronic Volumetric	18.2	20	x	
293 IT UWB	Magnum IT 742F Logix	742F	Electronic Time Clock	18.2	20		x
293 IT UWB	Magnum IT 762F Logix	762F	Electronic demand (volume) control	18.2	20		x

Magnum IT (2") Tw in and L mode (internal turbine 2")



MAGNUM IT (2") TW IN AND L MODE (INTERNAL TURBINE 2")							
VALVE		CONTROLLER		FLOW RATES m ³ /h		TYPE	
MODEL	COMMERCIAL NAME	MODEL	FEATURES	SERVICE @ 1.05 BAR DROP	BACKWASH @ 1.09 BAR DROP	5 CYCLES	3 CYCLES FILTER
298TW	Magnum IT 764 Twin	764 ⁽¹⁾	Electronic Volumetric	18.2 or 36.4	20 per tank	x	
298L NHWB	Magnum IT 764 L	764 ⁽¹⁾	Electronic Volumetric	18.2 x nb of tank	20 per tank	x	
298L HWB	Magnum IT 764 L	764 ⁽¹⁾	Electronic Volumetric	18.2 x nb of tank	20 per tank	x	
293TW	Magnum IT 764 Twin	764 ⁽¹⁾	Electronic demand (volume) control	18.2 or 36.4	20 per tank		x
293L NU WB	Magnum IT 764 L	764 ⁽¹⁾	Electronic demand (volume) control	18.2 x nb of tank	20 per tank		x
293L UWB	Magnum IT 764 L	764 ⁽¹⁾	Electronic demand (volume) control	18.2 x nb of tank	20 per tank		x

⁽¹⁾ C ontroller 764 can be used for twin alternating or parallel systems and for single or multi single tank systems depending on the programming, for both softening or filtering applications.
 NH WB = Non Hard Water Bypass
 HWB = Hard Water Bypass
 NU WB = Non Unfiltered Water Bypass
 UWB = Unfiltered Water Bypass

255 Valves with 400 Series Controllers

ORDERING EXAMPLE	255	44i	A	B	10	ST	118	EN	L5	7R	EW1
VALVE BODY 255											
TIMER 44i: Time Clock 440i Timer 46tc: Electronic Time Clock 460tc Timer 46i: Electronic Volumetric 460i Timer 45iHV: Impulse 450i High Voltage (24VAC)											
REFILL FLOW CONTROL A: 1 to 10 LBS (0.5 to 5 kg) B: 3 to 19 LBS (1.5 to 9 kg)											
INJECTOR A: Up to 24 l of resin B: Up to 49 l of resin C: Up to 74 l of resin D: Up to 100 l of resin											
BACKWASH FLOW CONTROL 07: for 7" Vessel ø Softener 08: for 8" Vessel ø Softener 09: for 9" Vessel ø Softener 10: for 10" Vessel ø Softener 12: for 12" Vessel ø Softener 13: for 13" Vessel ø Softener 14: for 14" Vessel ø Softener											
CAMSHAFT ST : Standard (up to 60 l of resin) XS: Extra Salt LR: Long Rinse WS: Water Saving											
TIMER REGENERATION LENGTH 118: 118 min (standard) 90: 90 min (up to 42 l of resin) 59: 59 min (up to 17 l of resin)											
LANGUAGE FR : French (440i and 450i only) SP: Spanish (440i and 450i only) DE: German (440i and 450i only) IT : Italian (440i and 450i only) EN: English SYM: Symbols (460tc and 460i only)											
POWER L5: 12VAC 50Hz (440i, 460tc and 460i only) L6: 12 VAC 60 Hz (440i, 460tc and 460i only) M2: 230 VAC 50Hz (450i only) M5: 24 VAC 60 Hz (450i only) M6: 24 VAC 50 Hz (450i only)											
DAY WHEEL (440i only, leave blank for others) 7R: 7 days 6R : 6 days											
TRANSFORMER EW1: 12 VAC European Plug (440i-460tc-460i) BW1: 12 VAC British Plug(440i-460tc-460i) NO : None (for 450i HV)											

- 255 / 400 Series Valves will be supplied with Air check Kit and standard 400 Series black cover. In case you need a non standard cover, please order it separately.
- 255 with 460i controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List .
- 255 with 440i & 460tc controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List. • Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- 440i, 460tc and 460i controllers are supplied in 12VAC 50Hz as standard. 450i are supplied in 24V or 230 VAC 50Hz without transformers.

255 Valves with Logix Controllers

ORDERING EXAMPLE	255	742	8"	EU
VALVE BODY 255				
TIMER 740: Electronic Time Clock 740 Timer 760: Electronic Volumetric 760 Timer 742: Electronic Time Clock 742 Timer 762: Electronic Volumetric 762 Timer 764TW: Electronic Volumetric 764 twin Timer 764L: Electronic Volumetric 764 single or multi single Timer				
VESSEL DIAMETER 6": 6" vessel ø Softener (Inj E, refill .33, BW #6) 7": 7" vessel ø Softener (Inj F, refill .33, BW #7) 8": 8" vessel ø Softener (Inj G, refill .33, BW #8) 9": 9" vessel ø Softener (Inj H, refill .33, BW #9) 10": 10" vessel ø Softener (Inj J, refill .33, BW #10) 12": 12" vessel ø Softener (Inj K, refill .33, BW #12) 13": 13" vessel ø Softener (Inj L, refill .33, BW #13) 14": 14" vessel ø Softener (Inj L, refill .33, BW #14)				
TRANSFORMER OPTION EU: 12VAC European Standard plug UK: 12VAC British plug				

- 255 Logix Valves will be supplied with Air check Kit & standard Logix black cover. In case you need a non standard cover, please order it separately from the valve.
- 255 with 760 and 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 255 with 740 and 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 255 valves are supplied with pictogram Overlay (Softener, with check salt led) as standard.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Chlorine Generator & Check Salt Kit is to be ordered separately from the valve. Please report to Spare Parts List.

VALVE CONFIGURATIONS UPON TANK SIZE SELECTION								
Vessel Diameter (inches)	6	7	8	9	10	12	13	14
Injector Flow control	E	F	G	H	J	K	L	L
Refill Flow control	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Backwash Flow control	# 6	# 7	# 8	# 9	# 10	# 12	# 13	# 14

268 Performa Valves with 400 Series Controllers

ORDERING EXAMPLE	268	46i	B	C	12	ST	118	LE	L5	7R	EW1
VALVE BODY 268											
TIMER 44i: Time Clock 440i Timer 46tc: Electronic Time Clock 460tc Timer 46i: Volumetric 460i Timer 45i : Impulse 450i High Voltage (24VAC)											
REFILL FLOW CONTROL A: 1 to 10 LBS (0.5 to 5 kg) for 440i, 460i, 450i B: 3 to 19 LBS (1.5 to 9 kg) for 440i, 460i, 450i											
INJECTOR A: Up to 24 l of resin B: Up to 49 l of resin C: Up to 74 l of resin D: Up to 100 l of resin											
BACKWASH FLOW CONTROL 07: for 7" Vessel ø Softener 08: for 8" Vessel ø Softener 09: for 9" Vessel ø Softener 10: for 10" Vessel ø Softener 12: for 12" Vessel ø Softener 13: for 13" Vessel ø Softener 14: for 14" Vessel ø Softener											
CAMSHAFT ST : Standard (up to 60 l of resin) XS: Extra Salt											
TIMER REGENERATION LENGTH 118: 118 min (standard) 90: 90 min 59: 59 min											
LANGUAGE FR : French (440i and 450i only) SP: Spanish (440i and 450i only) DE: German (440i and 450i only) IT : Italian (440i and 450i only) EN: English SYM: Symbols (460tc and 460i only)											
POWER L5: 12VAC 50Hz (440i, 460tc and 460i only) L6: 12 VAC 60 Hz (440i, 460tc and 460i only) M2: 230VAC 50 Hz (450i only) M5: 24VAC 60 Hz (450i only) M6: 24VAC 50 Hz (450i only)											
DAY WHEEL (440i only, leave blank for others) 7R: 7 days 6R : 6 days											
TRANSFORMER EW1: 12 VAC European Plug (440i-460tc-460i) BW1: 12 VAC British Plug (440i-460tc-460i) NO : None (for 450i HV)											

- 268 / 400 Series Valves will be with standard 400 Series black cover. In case you need a non standard cover, please order it separately.
- 268 with 460i controllers are supplied with meter adapter. Bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 268 with 440i / 450i & 460tc controllers are supplied without meter adapter. Bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List. • Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- 440i, 460tc and 460i controllers are supplied in 12VAC 50Hz as standard. 450i are supplied in 24V or 230 VAC 50Hz without transformers.

263 Performa Valves with 400 Series Controllers

ORDERING EXAMPLE	263	44i	13	SYM	L5	7R	118	EW1
VALVE BODY 263								
TIMER 44i: Time Clock 440i Timer 46tc: Electronic Time Clock 460tc Timer 45i: Impulse 450i High Voltage (24VAC)								
Backwash Flow Control 00: Cap Only (External Drain Line Flow Control required) 07: Internal, 1.2 gpm (4.5 l/min) 08: Internal, 1.6 gpm (6.1 l/min) 09: Internal, 2.0 gpm (7.6 l/min) 10: Internal, 2.5 gpm (9.5 l/min) 12: Internal, 3.5 gpm (13.2 l/min) 13: Internal, 4.1 gpm (15.5 l/min) 14: Internal, 4.8 gpm (18.2 l/min)								
LANGUAGE SYM: Symbols								
POWER L5: 12VAC 50Hz (440i, 460tc and 460i only) L6: 12 VAC 60 Hz (440i, 460tc and 460i only) M2: 230 VAC 50Hz (450i only) M5: 24 VAC 60 Hz (450i only) M6: 24 VAC 50 Hz (450i only)								
DAY WHEEL (440i only, leave blank for others) 7R: 7 days 6R: 6 days								
TIMER REGENERATION LENGTH 118: 118 min (standard) 90: 90 min 59: 59 min								
TRANSFORMER EW1: 12 VAC European Plug (440i-460tc-460i) BW1: 12 VAC British Plug (440i-460tc-460i) NO: None (for 450i HV)								

- 263 / 400 Series Valves will be supplied with standard 400 Series black cover. In case you need a non standard cover, please order it separately.
- 263 with 440i, 450i & 460tc controllers are supplied without meter adapter. Bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- 440i, 460tc & 460i controllers are supplied in 12VAC 50Hz as standard. 450i are supplied in 24V or 230 VAC 50Hz without transformers.

268FA Performa Valves with 400 Series Controllers

ORDERING EXAMPLE	268FA	44i	C	12	LE	7R	118	EW1
VALVE BODY 268FA								
TIMER 44i: Time Clock 440i Timer 46tc: Electronic Time Clock 460tc Timer								
INJECTOR A: Injector A B: Injector B C: Injector C D: Injector D								
BACKWASH FLOW CONTROL 00: Cap Only (External Drain Line Flow Control required) 07: Internal, 1.2 gpm (4.5 l/min) 08: Internal, 1.6 gpm (6.1 l/min) 09: Internal, 2.0 gpm (7.6 l/min) 10: Internal, 2.5 gpm (9.5 l/min) 12: Internal, 3.5 gpm (13.2 l/min) 13: Internal, 4.1 gpm (15.5 l/min) 14: Internal, 4.8 gpm (18.2 l/min)								
LANGUAGE FR : French SP: Spanish DE: German IT : Italian EN: English SYM: Symbols (460tc only)								
DAY WHEEL 7R: 7 days								
TIMER REGENERATION LENGTH 118: 118 min (standard)								
TRANSFORMER EW1: 12 VAC European Plug (440i-460tc) BW1: 12 VAC British Plug (440i-460tc)								

- 268FA / 400 Series Valves will be with standard 400 Series black cover. In case you need a non standard cover, please order it separately.
- 268FA with 440i & 460tc controllers are supplied without meter adapter. Bypass and connections are to be ordered separately from the valve and refer to Spare Parts List.
- 440i and 460tc Series controllers are supplied in 12VAC 50Hz as standard.

268 Valves with Logix Controllers

ORDERING EXAMPLE	268	762	12"	EU
VALVE BODY 268				
TIMER 740: Electronic Time Clock 740 Timer 760: Electronic Volumetric 760 Timer 742: Electronic Time Clock 742 Timer 762: Electronic Volumetric 762 Timer				
VESSEL DIAMETER 6": 6" vessel ø Softener (Inj E, refill .33, BW #6) 7": 7" vessel ø Softener (Inj F, refill .33, BW #7) 8": 8" vessel ø Softener (Inj G, refill .33, BW #8) 9": 9" vessel ø Softener (Inj H, refill .33, BW #9) 10": 10" vessel ø Softener (Inj J, refill .33, BW #10) 12": 12" vessel ø Softener (Inj K, refill .33, BW #12) 13": 13" vessel ø Softener (Inj L, refill .33, BW #13) 14": 14" vessel ø Softener (Inj L, refill .33, BW #14)				
TRANSFORMER OPTION EU: 12VAC European Standard plug UK: 12VAC British plug				

- 268 / Logix Valves will be supplied with standard Logix black cover. In case you need a non standard cover, please order it separately.
- 268 with 760 and 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 268 with 740 and 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 268 valves are supplied with pictogram Overlay (Softener, with check salt led) as standard.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Chlorine Generator & Check Salt Kit is to be ordered separately from the valve. Please report to Spare Parts List.

VALVE CONFIGURATIONS UPON TANK SIZE SELECTION								
Vessel Diameter (inches)	6	7	8	9	10	12	13	14
Injector Flow control	E	F	G	H	J	K	L	L
Refill Flow control	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Backwash Flow control	# 6	# 7	# 8	# 9	# 10	# 12	# 13	# 14

263 Valves with Logix Controllers

ORDERING EXAMPLE	263	742F	8"	EU
VALVE BODY 263				
TIMER 740F: Electronic Time Clock 740 Timer 760F: Electronic Volumetric 760 Timer 742F: Electronic Time Clock 742 Timer 762F: Electronic Volumetric 762 Timer				
VESSEL DIAMETER 6": 6" vessel ø 7": 7" vessel ø 8": 8" vessel ø 9": 9" vessel ø 10": 10" vessel ø 12": 12" vessel ø 13": 13" vessel ø 14": 14" vessel ø				
TRANSFORMER OPTION EU: 12VAC European Standard plug UK: 12VAC British plug				

- 263/Logix Valves will be supplied with standard Logix black cover. In case you need a non standard cover, please order it separately.
- 263 with 760 and 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 263 with 740 and 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 263 valves are supplied with pictogram Overlay (Softener, with check salt led) as standard.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Backwash Flow control is to be ordered separately from the valve. Please report to Spare Parts List.

VALVE CONFIGURATIONS UPON TANK SIZE SELECTION										
Vessel Diameter (inches)	6	7	8	9	10	12	13-14	16	18	21-24
Injector Flow control	E	F	G	H	J	K	L	M	N	R
Refill Flow control	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug
Backwash Flow control	To be ordered separately from the valve									

BACKWASH FLOW CONTROL SELECTION CHART (SPARE PARTS LIST FOR THE REFERENCE YOU NEED)												
Tank Diameter (inches)	6	7	8	9	10	12	13	14	16	18	21	24
Backwash @ 8 gpm/sqft (19.6 m/h) ⁽¹⁾	1.6 gpm	2 gpm	2.5 gpm	3.5 gpm	4.1 gpm	6 gpm	7 gpm	8 gpm	10 gpm	12 gpm	15 gpm	20 gpm
Backwash Flow control	# 8	# 9	# 10	# 12	# 13	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾
Backwash @ 10 gpm/sqft (24.5 m/h) ⁽¹⁾	1.6 gpm	2.5 gpm	3.5 gpm	4.1 gpm	5 gpm	7 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm	
Backwash Flow control	# 8	# 10	# 12	# 13	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	
Backwash @ 12 gpm/sqft (29.4 m/h) ⁽¹⁾	2 gpm	2.5 gpm	4.1 gpm	5 gpm	6 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm		
Backwash Flow control	# 9	# 10	# 13	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾		
Backwash @ 15 gpm/sqft (36.75 m/h) ⁽¹⁾	2.5 gpm	3.5 gpm	5 gpm	6 gpm	8 gpm	10 gpm	12 gpm	15 gpm	20 gpm			
Backwash Flow control	# 10	# 12	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾			

⁽¹⁾ Indicative backwash values only ; backwash @ 12 gpm/Sqft for Manganese Greensand. Refer to your media manufacturer for more details

⁽²⁾ external drain line flow control. Values in the chart are calculated and rounded to the next lowest value of existing flow control.

268FA Valves with 742 Logix Controller

ORDERING EXAMPLE	268FA	742	12"	EU
VALVE BODY 268FA				
TIMER 742: Electronic Time Clock 742 Timer				
VESSEL DIAMETER 6": 6" vessel ø (Inj E, DI Refill Cap) 7": 7" vessel ø (Inj F, DI Refill Cap) 8": 8" vessel ø (Inj G, DI Refill Cap) 9": 9" vessel ø (Inj H, DI Refill Cap) 10": 10" vessel ø (Inj J, DI Refill Cap) 12": 12" vessel ø (Inj K, DI Refill Cap) 13": 13" vessel ø (Inj L, DI Refill Cap) 14": 14" vessel ø (Inj L, DI Refill Cap) 16": 16" vessel ø (Inj M, DI Refill Cap) 18": 18" vessel ø (Inj N, DI Refill Cap)				
TRANSFORMER OPTION EU: 12VAC European Standard plug UK: 12VAC British plug				

- 268FA/Logix Valves will be supplied with standard Logix black cover. In case you need a non standard cover, please order it separately.
- 268FA with 742 controller are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 268FA valves are supplied with pictogram Overlay (Softener, with check salt led) as standard.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Backwash Flow control is to be ordered separately from the valve. Please report to Spare Parts List.

VALVE CONFIGURATIONS UPON TANK SIZE SELECTION										
Vessel Diameter (inches)	6	7	8	9	10	12	13-14	16	18	21-24
Injector Flow control	E	F	G	H	J	K	L	M	N	R
Refill Flow control	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug	Plug
Backwash Flow control	To be ordered separately from the valve, please report to chart below.									

BACKWASH FLOW CONTROL SELECTION CHART (SPARE PARTS LIST FOR THE REFERENCE YOU NEED)										
Tank Diameter (inches)	6	7	8	9	10	12	13	14	16	18
Backwash @ 12 gpm/sqft (29.4 m/h) ⁽¹⁾	2 gpm	2.5 gpm	4.1 gpm	5 gpm	6 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm
Backwash Flow control	# 9	# 10	# 13	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾

⁽¹⁾ Indicative backwash values only ; backwash @ 12 gpm/Sqft for Manganese Greensand. Refer to your media manufacturer for more details

⁽²⁾ external drain line flow control. Values in the chart are calculated and rounded to the next lowest value of existing flow control.

278 Valves with Logix Controllers

ORDERING EXAMPLE	278	762	14"	EU
VALVE BODY 278				
TIMER 742: Electronic Time Clock 742 Timer 762: Electronic Volumetric 762 Timer 764TW: Electronic Volumetric 764 twin Timer 764L: Electronic Volumetric 764 single or multi single Timer				
VESSEL DIAMETER 9": 9" vessel ø Softener (Inj H, refill .33, BW #9) (with 764TW or L only) 10": 10" vessel ø Softener (Inj J, refill .33, BW #10) (with 764TW or L only) 13": 13" vessel ø Softener (Inj L, refill .33, BW #13) (with 764TW or L only) 14": 14" vessel ø Softener (Inj M, refill 1.3, BW #14) 16": 16" vessel ø Softener (Inj N, refill 1.3, ext. BW 7 gpm) 18": 18" vessel ø Softener (Inj Q, refill 1.3, ext. BW 9 gpm) 21": 21" vessel ø Softener (Inj R, refill 1.3, ext. BW 12 gpm)				
TRANSFORMER OPTION EU: 12VAC European Standard plug UK: 12VAC British plug				

- 278/Logix Valves will be supplied with standard Logix black cover and backwash flow control as written in the table below. In case you need a non standard cover, please order it separately.
- 278 with 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 278 with 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 278 valves are supplied with pictogram Overlay (Softener, with check salt led) as standard.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- Chlorine Generator & Check Salt Kit is to be ordered separately from the valve (usable only with 764L for tank sizes 9", 10" and 13"). Please report to Spare Parts List.

VALVE CONFIGURATIONS UPON TANK SIZE SELECTION							
Vessel Diameter (inches)	9 (764 only)	10 (764 only)	13 (764 only)	14	16	18	21
Injector Flow control	H	J	L	M	N	Q	R
Refill Flow control	0.33	0.33	0.33	1.3	1.3	1.3	1.3
Backwash Flow control	# 9	# 10	# 13	# 14	ext. 7 gpm	ext. 9 gpm	ext. 12 gpm

273 Valves with Logix Controllers

ORDERING EXAMPLE	273	742F	14"	EU
VALVE BODY PERFORMA CV				
TIMER 742F: Electronic Time Clock 742 Timer 762F: Electronic Volumetric 762 Timer 764TW: Electronic Volumetric 764 twin Timer 764L: Electronic Volumetric 764 single or multi single Timer				
VESSEL DIAMETER F: for filtering applications. DLFC to order separately 9": 9" vessel ø (with 764TW or L only) 10": 10" vessel ø (with 764TW or L only) 13": 13" vessel ø (with 764TW or L only) 14": 14" vessel ø 16": 16" vessel ø 18": 18" vessel ø 21": 21" vessel ø				
TRANSFORMER OPTION EU: 12VAC European Standard plug UK: 12VAC British plug				

- 273/Logix Valves will be supplied with standard Logix black cover. In case you need a non standard cover, please order it separately from the valve Refer to Spare Parts List.
- 273 with 762 controllers are supplied with meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- 273 with 742 controllers are supplied without meter adapter. Piping boss, bypass and connections are to be ordered separately from the valve. Please report to Spare Parts List.
- Logix controllers with 273 valves are supplied with pictogram Overlay (Softener, with check salt led) as standard.
- Blending Kit is to be ordered separately from the valve. Please report to Spare Parts List.
- 273 valves are supplied without Backwash flow control, you need to order it separately from the valve. Please report to Spare Parts List.

VALVE CONFIGURATIONS UPON TANK SIZE SELECTION							
Vessel Diameter (inches)	9 (764 only)	10 (764 only)	13 (764 only)	14	16	18	21
Injector Flow control	H	J	L	M	N	Q	R
Refill Flow control	Plug	Plug	Plug	Plug	Plug	Plug	Plug
Backwash Flow control	To be ordered separately from the valve.						

BACKWASH FLOW CONTROL SELECTION CHART (SPARE PARTS LIST FOR THE REFERENCE YOU NEED)												
Tank Diameter (inches)	6	7	8	9	10	12	13	14	16	18	21	24
Backwash @ 8 gpm/sqft (19.6 m/h) ⁽¹⁾	1.6 gpm	2 gpm	2.5 gpm	3.5 gpm	4.1 gpm	6 gpm	7 gpm	8 gpm	10 gpm	12 gpm	15 gpm	20 gpm
Backwash Flow control	# 8	# 9	# 10	# 12	# 13	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾
Backwash @ 10 gpm/sqft (24.5 m/h) ⁽¹⁾	1.6 gpm	2.5 gpm	3.5 gpm	4.1 gpm	5 gpm	7 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm	
Backwash Flow control	# 8	# 10	# 12	# 13	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	
Backwash @ 12 gpm/sqft (29.4 m/h) ⁽¹⁾	2 gpm	2.5 gpm	4.1 gpm	5 gpm	6 gpm	9 gpm	10 gpm	12 gpm	15 gpm	20 gpm		
Backwash Flow control	# 9	# 10	# 13	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾		
Backwash @ 15 gpm/sqft (36.75 m/h) ⁽¹⁾	2.5 gpm	3.5 gpm	5 gpm	6 gpm	8 gpm	10 gpm	12 gpm	15 gpm	20 gpm			
Backwash Flow control	# 10	# 12	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾	Ext ⁽²⁾			

⁽¹⁾ Indicative backwash values only ; backwash @ 12 gpm/Sqft for Manganese Greensand. Refer to your media manufacturer for more details

⁽²⁾ external drain line flow control. Values in the chart are calculated and rounded to the next lowest value of existing flow control.

298 Magnum Valves with Logix Controllers

ORDERING EXAMPLE	298IT	762	04	01	30	EU	NTA
VALVE BODY 298 CV 298 IT							
TIMER 742 762 764TW (only with Magnum IT valves) 764L (only with Magnum IT valves)							
TURBINE OPTION 01: 2" ext. turbine with 2" PVC adapters (Cv models only) 02: 2" ext. Turbine with 2" BSP inox (Cv models only) 03: 2" ext. Turbine with 63 mm ISO adapters (Cv models only) 04: Magnum IT Int. Turbine (IT models only) NT: No turbine							
BYPASS OPTION 01: NHB 02: HWB							
TANK SIZE 14: for 14" Vessel ø 16: for 16" Vessel ø 18: for 18" Vessel ø 21: for 21" Vessel ø 24: for 24" Vessel ø 30: for 30" Vessel ø 36: for 36" Vessel ø							
TRANSFORMER OPTION EU: 12VAC European Standard plug UK: 12VAC British plug							
TANK ADAPTER OPTION Standard stainless steel threaded adapter (leave blank)							

- Logix controllers with 298 valves are supplied with pictogram Overlay (Softener, with check salt led) as standard.
- 293 valves are supplied without Backwash flow control, you need to order it separately from the valve. Please report to Spare Parts List. DLFC are available from 5 gpm to 40 gpm. If the required DLFC capacity is above 40 gpm you will need to use an external DLFC.

293 Magnum Valves with Logix Controllers

ORDERING EXAMPLE	293IT	742	NT	01	EU
VALVE BODY 293 CV 293 IT					
TIMER 742 762 764TW (only with Magnum IT valves) 764L (only with Magnum IT valves)					
TURBINE OPTION 01: 2" ext. turbine with 2" PVC adapters (Cv models only) 02: 2" ext. Turbine with 2" BSP inox (Cv models only) 03: 2" ext. Turbine with 63 mm ISO adapters (Cv models only) 04: Magnum IT Int. Turbine (IT models only) NT: No turbine					
BYPASS OPTION 01: NUB 02: UWB					
TRANSFORMER OPTION EU: 12VAC European Standard plug UK: 12VAC British plug					

- Logix controllers with 293 valves are supplied with pictogram Overlay (Softener, with check salt led) as standard.
- 293 valves are supplied without Backwash flow control, you need to order it separately from the valve. Please report to Spare Parts List. DLFC are available from 5 gpm to 40 gpm. If the required DLFC capacity is above 40 gpm you will need to use an external DLFC.

Siata valves



- Compact Residential Valve + Controller
 - V132 Siata Valve
 - V230 Siata Valve
 - V240 Siata Valve
 - V250 Siata Valve
 - V260 Siata Valve
 - V360 Siata Valve
- ProFilter Sea Water Siata Valve
 - V350 / V351 Siata Valves
 - V363 / 3-way Valves 3V-50
 - 3-way Siata Valves 3V-63
- DI Siata Valves, Controllers and Accessories
 - DI Siata Controller series
 - Hydraulic Distributors
 - DI Siata Accessories and Kits
 - Controllers
- Ordering Information, Sfe / Controllers
 - Distributor Supports
 - Professional Controllers
 - Hydraulic Distributors
 - Accessories

Adaptability, Performance, Solution - SIATA valves and controllers propose a full range of state of the art solutions that simplify the process of designing, producing, operating and maintaining water treatment plants for filtration, softening or demineralization. SIATA offers a broad range of multiport composite valves with service flow rates up to 35 m³/hour and a complementary line of advanced professional controllers and accessories.

- Birth date: 1980
- Production sites: Pisa (Italy)
- Number of active references: 3300
- Star Product: V132

Compact Residential Valve + Controller

COMPACT RESIDENTIAL VALVE + CONTROLLER	
REFERENCE	DESCRIPTION
Included Top & Bottom Distributors - Sont inclus: crépines inférieure et supérieure - Sind mitgeliefert: obere und untere Düse - Sono compresi: crepine superiori e inferiori - Se incluye: crepina inferior y superior	
Excluded Brine Valve and Inlet / Outlet Connections - To be ordered separately - Non inclus: vanne à saumure et raccords Entrée / Sortie - Sind nicht mitgeliefert: Soleventil und Anschlüsse Eingang / Ausgang - Non sono compresi: valvole salamoia e raccordi entrata / uscita - No se incluye: válvula de salmuera ni conexiones de entrada y salida	
Connection type quick inlet and outlet ports - Type de raccord: raccord rapide entrée / sortie - Anschlussstyp: Schnellverbindung Eingang / Ausgang - tipo di raccordo: raccordo rapido entrata / uscita - Tipo de conexión rápida entrada / salida	
Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior	
COMPACT WITH ELECTRONIC CONTROLLER	
V132 valve body + SFE controller	
Please contact Pentair for any other combination you are looking for	
CMBSFE1132A0B11BOA	V132 mixing + SFE Lplate Chrono twin pilots → Inject. BLUE Flow 2
CMBSFE1132FOA11MOA	V132 Filter + SFE Lplate Chrono twin pilots → Inject. Filter Flow 5
CMBSFE3132TOB11BOA	V132 mixing + SFE LPlate Meter twin pilots → Inject. BLUE Flow 2
CMBSFE3132TOB12BOA	V132 + SFE LPlate Meter twin pilots → Inject. BLUE Flow 2
CMBSFE6132TOB11BOA	V132 mixing + SFE Lplate Meter twin pilots w/chlorine drive → Inject. BLUE Flow 2
NEW ▶ CMBSFEA132A0B21AOA	V132 mixing + SFE Black twin pilots → Inject. BLUE Flow 1
NEW ▶ CMBSFEC132TOB21AOA	V132 mixing + SFE meter Black twin pilots → Inject. BLUE Flow 1
NEW ▶ CMBSFEG132A0B21AOA	V132 mixing + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLUE Flow 1
NEW ▶ CMBSFEH132TOB21AOA	V132 mixing + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLUE Flow 1
NEW ▶ CMBSFEE132A0B21AOA	V132 mixing + SFE Black twin pilots w/ chlorine drive → Inject. BLUE Flow 1
NEW ▶ CMBSFEF132TOB21AOA	V132 mixing + SFE meter Black twin pilots w/ chlorine drive → Inject. BLUE Flow 1
NEW ▶ CMBSFEA132A0B21BOA	V132 mixing + SFE Black twin pilots → Inject. BLUE Flow 2
NEW ▶ CMBSFEC132TOB21BOA	V132 mixing + SFE meter Black twin pilots → Inject. BLUE Flow 2
NEW ▶ CMBSFEG132A0B21BOA	V132 mixing + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLUE Flow 2
NEW ▶ CMBSFEH132TOB21BOA	V132 mixing + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLUE Flow 2
NEW ▶ CMBSFEE132A0B21BOA	V132 mixing + SFE Black twin pilots w/ chlorine drive → Inject. BLUE Flow 2
NEW ▶ CMBSFEF132TOB21BOA	V132 mixing + SFE meter Black twin pilots w/ chlorine drive → Inject. BLUE Flow 2
NEW ▶ CMBSFEA132A0B21JOA	V132 mixing + SFE Black twin pilots → Inject. RED Flow 3
NEW ▶ CMBSFEC132TOB21JOA	V132 mixing + SFE meter Black twin pilots → Inject. RED Flow 3
NEW ▶ CMBSFEG132A0B21JOA	V132 mixing + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. RED Flow 3
NEW ▶ CMBSFEH132TOB21JOA	V132 mixing + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. RED Flow 3
NEW ▶ CMBSFEE132A0B21JOA	V132 mixing + SFE Black twin pilots w/ chlorine drive → Inject. RED Flow 3
NEW ▶ CMBSFEF132TOB21JOA	V132 mixing + SFE meter Black twin pilots w/ chlorine drive → Inject. RED Flow 3
NEW ▶ CMBSFEA132A0B21KOA	V132 mixing + SFE Black twin pilots → Inject. RED Flow 4
NEW ▶ CMBSFEC132TOB21KOA	V132 mixing + SFE meter Black twin pilots → Inject. RED Flow 4
NEW ▶ CMBSFEG132A0B21KOA	V132 mixing + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. RED Flow 4
NEW ▶ CMBSFEH132TOB21KOA	V132 mixing + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. RED Flow 4
NEW ▶ CMBSFEE132A0B21KOA	V132 mixing + SFE Black twin pilots w/ chlorine drive → Inject. RED Flow 4
NEW ▶ CMBSFEF132TOB21KOA	V132 mixing + SFE meter Black twin pilots w/ chlorine drive → Inject. RED Flow 4



Compact Residential Valve + Controller

COMPACT RESIDENTIAL VALVE + CONTROLLER	
REFERENCE	DESCRIPTION
NEW ▶ CMBSFEA132A0B21FOA	V132 mixing + SFE Black twin pilots → Inject. BLACK Flow 4
NEW ▶ CMBSFEC132TOB21FOA	V132 mixing + SFE meter Black twin pilots → Inject. BLACK Flow 4
NEW ▶ CMBSFEG132A0B21FOA	V132 mixing + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLACK Flow 4
NEW ▶ CMBSFEH132TOB21FOA	V132 mixing + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLACK Flow 4
NEW ▶ CMBSFEE132A0B21FOA	V132 mixing + SFE Black twin pilots w/ chlorine drive → Inject. BLACK Flow 4
NEW ▶ CMBSFEF132TOB21FOA	V132 mixing + SFE meter Black twin pilots w/ chlorine drive → Inject. BLACK Flow 4
NEW ▶ CMBSFEA132A0B21GOA	V132 mixing + SFE Black twin pilots → Inject. BLACK Flow 5
NEW ▶ CMBSFEC132TOB21GOA	V132 mixing + SFE meter Black twin pilots → Inject. BLACK Flow 5
NEW ▶ CMBSFEG132A0B21GOA	V132 mixing + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLACK Flow 5
NEW ▶ CMBSFEH132TOB21GOA	V132 mixing + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLACK Flow 5
NEW ▶ CMBSFEE132A0B21GOA	V132 mixing + SFE Black twin pilots w/ chlorine drive → Inject. BLACK Flow 5
NEW ▶ CMBSFEF132TOB21GOA	V132 mixing + SFE meter Black twin pilots w/ chlorine drive → Inject. BLACK Flow 5
NEW ▶ CMBSFEA132A0A21AOA	V132 + SFE Black twin pilots → Inject. BLUE Flow 1
NEW ▶ CMBSFEC132TOA21AOA	V132 + SFE meter Black twin pilots → Inject. BLUE Flow 1
NEW ▶ CMBSFEG132A0A21AOA	V132 + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLUE Flow 1
NEW ▶ CMBSFEH132TOA21AOA	V132 + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLUE Flow 1
NEW ▶ CMBSFEE132A0A21AOA	V132 + SFE Black twin pilots w/ chlorine drive → Inject. BLUE Flow 1
NEW ▶ CMBSFEF132TOA21AOA	V132 + SFE meter Black twin pilots w/ chlorine drive → Inject. BLUE Flow 1
NEW ▶ CMBSFEA132A0A21BOA	V132 + SFE Black twin pilots → Inject. BLUE Flow 2
NEW ▶ CMBSFEC132TOA21BOA	V132 + SFE meter Black twin pilots → Inject. BLUE Flow 2
NEW ▶ CMBSFEG132A0A21BOA	V132 + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLUE Flow 2
NEW ▶ CMBSFEH132TOA21BOA	V132 + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLUE Flow 2
NEW ▶ CMBSFEE132A0A21BOA	V132 + SFE Black twin pilots w/ chlorine drive → Inject. BLUE Flow 2
NEW ▶ CMBSFEF132TOA21BOA	V132 + SFE meter Black twin pilots w/ chlorine drive → Inject. BLUE Flow 2
NEW ▶ CMBSFEA132A0A21JOA	V132 + SFE Black twin pilots → Inject. RED Flow 3
NEW ▶ CMBSFEC132TOA21JOA	V132 + SFE meter Black twin pilots → Inject. RED Flow 3
NEW ▶ CMBSFEG132A0A21JOA	V132 + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. RED Flow 3
NEW ▶ CMBSFEH132TOA21JOA	V132 + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. RED Flow 3
NEW ▶ CMBSFEE132A0A21JOA	V132 + SFE Black twin pilots w/ chlorine drive → Inject. RED Flow 3
NEW ▶ CMBSFEF132TOA21JOA	V132 + SFE meter Black twin pilots w/ chlorine drive → Inject. RED Flow 3
NEW ▶ CMBSFEA132A0A21KOA	V132 + SFE Black twin pilots → Inject. RED Flow 4
NEW ▶ CMBSFEC132TOA21KOA	V132 + SFE meter Black twin pilots → Inject. RED Flow 4
NEW ▶ CMBSFEG132A0A21KOA	V132 + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. RED Flow 4
NEW ▶ CMBSFEH132TOA21KOA	V132 + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. RED Flow 4
NEW ▶ CMBSFEE132A0A21KOA	V132 + SFE Black twin pilots w/ chlorine drive → Inject. RED Flow 4
NEW ▶ CMBSFEF132TOA21KOA	V132 + SFE meter Black twin pilots w/ chlorine drive → Inject. RED Flow 4

Compact Residential Valve + Controller



COMPACT RESIDENTIAL VALVE + CONTROLLER	
REFERENCE	DESCRIPTION
NEW ▶ CMBSFEA132A0A21FOA	V132 + SFE Black twin pilots → Inject. BLACK Flow 4
NEW ▶ CMBSFEC132TOA21FOA	V132 + SFE meter Black twin pilots → Inject. BLACK Flow 4
NEW ▶ CMBSFEG132A0A21FOA	V132 + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLACK Flow 4
NEW ▶ CMBSFEH132TOA21FOA	V132 + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLACK Flow 4
NEW ▶ CMBSFEE132A0A21FOA	V132 + SFE Black twin pilots w/ chlorine drive → Inject. BLACK Flow 4
NEW ▶ CMBSFEF132TOA21FOA	V132 + SFE meter Black twin pilots w/ chlorine drive → Inject. BLACK Flow 4
NEW ▶ CMBSFEA132A0A21GOA	V132 + SFE Black twin pilots → Inject. BLACK Flow 5
NEW ▶ CMBSFEC132TOA21GOA	V132 + SFE meter Black twin pilots → Inject. BLACK Flow 5
NEW ▶ CMBSFEG132A0A21GOA	V132 + SFE Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLACK Flow 5
NEW ▶ CMBSFEH132TOA21GOA	V132 + SFE meter Black twin pilots + Chlorine Cell 3/8" x 3/8" Male → Inject. BLACK Flow 5
NEW ▶ CMBSFEE132A0A21GOA	V132 + SFE Black twin pilots w/ chlorine drive → Inject. BLACK Flow 5
NEW ▶ CMBSFEF132TOA21GOA	V132 + SFE meter Black twin pilots w/ chlorine drive → Inject. BLACK Flow 5
NEW ▶ CMBSFEA132FOA21MOA	V132 Filter + SFE Black twin pilots → Inject. Filter Flow 5
NEW ▶ CMBSFEA132FOA21LOA	V132 Filter + SFE Black twin pilots → Inject. Filter No Flow

COMPACT COMMERCIAL VALVE + CONTROLLER
Included Top & Bottom Distributors - Sont incluses: crépines inférieure et supérieure - Sind mitgeliefert: obere und untere Düse - Sono compresi di crepina inferiore e superiore - Se incluye: crepina inferior y superior
Excluded Brine Valve and Inlet / O utlet Connections - To be ordered separately - Non inclus: vanne à saumure et raccords Entrée / S ortie - À commander séparément - Sind nicht mitgeliefert: Soleventil und Anschlüsse Eingang / A usgang - Sollen separat bestellt werden - Non sono compresi di valvola salamoia e di raccordi entrata / uscita - da ordinare separatamente - No se incluye: válvula de salmuera ni conexiones de entrada y salida - pedir separadamente
V230 Valves + Controllers
V250 Valves + Controllers
Please contact Pentair for any information - Veuillez contacter Pentair pour toute information - Bitte kontaktieren Sie Pentair für zusätzliche Information - Si prega di contattare Pentair per eventuali informazioni - Contactar Pentair para cualquier otra información

V132 Siata Valve



V132 V230 V240 VALVE BODY SERIES

Included Top & Bottom Distributors (except V240 excluded) - Sont incluses (sauf pour V240): crépines inférieure et supérieure - Sind mitgeliefert (ausser bei V240): obere und untere Düse - Sono compresi di crepina inferiore e superiore - Se incluye (excepto para V240): crepina inferior y superior

Excluded Inlet / O outlet Connections - To be ordered separately - Non inclus: vanne à saumure et raccords Entrée / Sortie - A commander séparément - Sind nicht mitgeliefert: Soleventil und Anschlüsse Eingang / Ausgang - Sollen separat bestellt werden - Non sono compresi di valvola salamoia e di raccordi entrata / uscita - da ordinare separatamente - No se incluye: válvula de salmuera ni conexiones de entrada y salida - pedir separadamente

Letter codes

A Softening F	F Filtration
E Duplex (with external hydraulic distributors connection) T	T Volumetric (with internal turbine)

V132

REFERENCE	DESCRIPTION
	Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior
V132 VALVE BODY ASSY WITH PILOT	
	Connection type: quick connect inlet and outlet ports - Type de raccord: raccord rapide entrée / sortie - Anschlussstyp: Schnellverbindung Eingang / Ausgang - Tipo di raccordo: innesto rapido entrata / uscita - Tipo de conexión rápida entrada / salida
V132A/05	V132 Softener valve body assy
V132T/05	V132 Metered Softener valve body assy
V132F/05	V132 Filter valve body assy
V132 VALVE BODY WITH HYDRAULIC CONNECTIONS FOR EXTERNAL PILOT	
	Connection type: quick connect inlet and outlet ports - Type de raccord: raccord rapide entrée / sortie - Anschlussstyp: Schnellverbindung Eingang / Ausgang - Tipo di raccordo: innesto rapido entrata / uscita - Tipo de conexión rápida entrada / salida
V132E-05/05	V132 Softener Duplex valve body assy 5 hydraulic connections
V132E-T05/05	V132 Metered Softener Duplex valve body assy 5 hydraulic conn.








V132 Siata Valve



COMPACT RESIDENTIAL VALVE + CONTROLLER	
REFERENCE	DESCRIPTION
<p>When ordering please refer to the below table to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders, you will get Standard Version. If Customs to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande, la version Std sera livrée. En cas de label personnalisé, le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben, laut Tabelle hierunten. Falls nichts anderes angegeben ist, wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber, es genau angeben. - Per ordinare, vedere la tabella qui sotto, in modo da completare il codice della valvola con eiettore e misura del Flow, nel caso in cui non venissero specificati, si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos, ver la tabla de abajo y completar el código de la válvula con en el inyector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas, se debe indicar.</p>	
Reference adder:	
B1 → Inject. BLUE Flow 1 Std	B2 → Inject. BLUE Flow 2 Std
G0 → Inject. GREY no Flow Std label	G5 → Inject. GREY Flow 5 Std
M1 → Inject. BRO WN Flow 1 Std	
N4 → Inject. BLACK Flow 4 Std	N5 → Inject. BLACK Flow 5 Std
R3 → Inject. RED Flow 3 Std	R4 → Inject. RED Flow 4 Std
Standard Version xxx #B2 - Std label. blue injector & flow 2	
F5 → Inject. Filter Flow 5 Std	FO → Inject. Filter no Flow Std
Standard Version xxx #F5 - Std label. blind injector & flow 5	
V132 VALVE BODY WITH NEW FEATURES - BLACK VERSION	
Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior	
Connection type: quick connect inlet and outlet ports - Type de raccord: raccord rapide entrée / sortie - Anschlussstyp: Schnellverbindung Eingang / A usgang - Tipo di raccordo: innesto rapido entrata / uscita - Tipo de conexión rápida entrada / salida	
Price adder for V132 valve body	
With mixing	
With backwash & driver replica	
Complete valve codes and prices - Examples:	
I32A0B2A1B/OA0#00A	V132 Black Softener valve body assy mixing - twin pilots → Inject. BLUE Flow 2 Std
I32T0B2A1D/OA0#00A	V132 Black Metered Softener valve body assy mixing - twin pilots → Inject. GREY Flow 5 Std

Ordering Guide V132

V132 VALVE BODY ASSEMBLY WITH NEW FEATURES

ORDERING EXAMPLE	132	A	0	B	2	A	1	B	0	A	0	#	00A
VALVE SERIES 132													
VALVE TYPE A: Softening T: Volumetric D: Demineralisation E: Duplex F: Filter													
CONNECTION TYPE 0: Quick connections 1: With external threads													
MIXING A: No mixing valve B: With mixing valve													
MATERIAL 1: ABS Blue 2: ABS Black													
PILOT/COLLECTOR A  B  C  D 													
DRAIN MANIFOLD 1  004 2  004-C 3  004-A													
INJECTOR/DRAIN FLOW CONTROL A Injector Drain flow 1 B B1 BLUE 1 B B2 BLUE 2 C G0 GREY 0 no flow D G5 GREY 5 E M1 BROWN 1 F N 4 BLACK 4 G N 5 BLACK 5 H R 2 RED 2 J R 3 RED 3 K R 4 RED 4 O R 5 RED 5 L F 0 Blind inj. no flow M F 5 Blind inj. 5													
BACKWASH FLOW CONTROL 0: No flow control 1: Flow control (set bag)													
DRIVER REPLICA A: No replica D: Complete driver replica													
PROBES 0: No conductivity probe 1: With conductivity probe													

V132 Siata Valve



V132	
REFERENCE	DESCRIPTION
FITTINGS	
Caution: At least two kit fittings are needed for one valve - if not indicated in description. kit means 1 piece. - Attention: il faut au moins deux kits fittings pour une vanne - sauf indication contraire. la désignation "kit" correspond à 1 pièce. - Warnung: zwei "kit fittings" sind für ein Ventil notwendig - falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil. - Attenzione: per ogni valvola sono necessari 2 kit di attacchi - se non indicato nella descrizione. kit significa 1 pezzo. - Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
FOR V132 AND V240 WITH QUICK INLET AND OUTLET PORTS	
2265-3L/05	Kit elbow fitting 1" to be glued (ABS)
2265-A/05	Kit fitting ¾" female threaded (NYLON)
2265-B/05	Kit fitting 1" female threaded (NYLON)
2265-C/05	Kit fitting 1" ¼ female threaded (NYLON)
2265-D/05	Kit fitting 1" to be glued (ABS)
2265-GB/05	Kit fitting 1" ¼ NPT couple (NYLON)
2265-H/05	Kit fitting socket 1" ½ ext > 1" int (NYLON)
2265-I/05	Kit fitting socket 2" ext > 1" ¼ int (NYLON)
2265-K/05	Kit fitting 1" ½ female threaded (NYLON)
FOR V132 V230 AND V240 THREADED INLET AND OUTLET PORTS	
494-B/05	Kit fitting PVC 2" valve side - 1" ¼ pipe side
494-C/05	Kit fitting PVC 2" valve side - D 40 female
494-F/05	Kit fitting brass 2" valve side > 1" ½ male
494-S/05	Kit fitting 2" Gas valve side > 1" ¼ NPT pipe side
494-T/05	Kit fitting 2" Gas valve side > 40 mm NPT to be glued

V230 Siata Valve

V230	
REFERENCE	DESCRIPTION
Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior	
WITH PILOT	
Connection type: external threaded inlet and outlet ports - Type de raccord: raccord fileté mâle entrée / sortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettato esterno	
V230A/05	V230 Softening valve body assy
V230T/05	V230 Volumetric valve body assy
V230F/05	V230 Filter valve body assy
WITH HYDRAULIC CONNECTIONS FOR EXTERNAL PILOT	
Connection type: external threaded inlet and outlet ports - Type de raccord: raccord fileté mâle entrée / sortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettato esterno	
V230E/05	V230 Duplex valve body assy
V230E/06	V230 Duplex valve body assy with elbow drain
V230E-T05/05	V230 Duplex valve body assy with internal counter Meter
<p>When ordering please refer to the below table to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders, you will get Standard Version. If Customs to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande, la version Std sera livrée. En cas de label personnalisé, le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben, laut Tabelle hierunten. Falls nichts anderes angegeben ist, wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber, es genau angeben. - Per ordinare, vedere la tabella qui sotto, in modo da completare il codice della valvola con eiettore e misura del Flow, nel caso in cui non venissero specificati, si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos, ver la tabla de abajo y completar el código de la válvula con en el inyector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas, se debe indicar.</p>	
Reference adder:	
GO → Injct. GREY no Flow Standard Label	G5 → Injct. GREY Flow 5 Standard Label
N4 → Injct. BLACK Flow 4 Standard Label	5 → Injct. BLACK Flow 5 Standard Label
R3 → Injct. RED Flow 3 Standard Label	4 → Injct. RED Flow 4 Standard Label
Standard Version: xxx #N4 - Black injector & flow 4	
F5 → Injct. Filter Flow 5 Standard Label	FO → Injct. Filter no Flow Standard Label
Standard Version: xxx #FO - Blind injector & no flow	
FITTINGS FOR V132 V230 AND V240 THREADED INLET AND OUTLET PORTS	
Caution: At least two kit fittings are needed for one valve - if not indicated in description. kit means 1 piece. - Attention: il faut au moins deux kits fittings pour une vanne - sauf indication contraire. la désignation "kit" correspond à 1 pièce. - Warnung: zwei "kit fittings" sind für ein Ventil notwendig - falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil. - Attenzione: per ogni valvola sono necessari 2 kit di attacchi - se non indicato nella descrizione. kit significa 1 pezzo. - Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
494-B/05	Kit fitting PVC 2" valve side - 1" ¼ pipe side
494-C/05	Kit fitting PVC 2" valve side - D 40 female
494-F/05	Kit fitting brass 2" valve side > 1" ½ male
494-S/05	Kit fitting 2" Gas valve side > 1" ¼ NPT pipe side
494-T/05	Kit fitting 2" Gas valve side > 40 mm NPT to be glued



V240 Siata Valve

V240	
REFERENCE	DESCRIPTION
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: quick connect inlet and outlet ports - Type de raccord: raccords rapides entrée / sortie - Anschlusstyp: Schnellverbindungen Eingang / A usgang - Tipo di raccordo: innesti rapidi entrata / uscita	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément - Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
V240A-05/05	V240 Softening valve body assy with 5 conn.
V240T-05/05	V240 Volumetric valve body assy
V240F-05/05	V240 Filter valve body assy
When ordering please refer to the below table to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders, you will get Standard Version. If Customs to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande, la version Std sera livrée. En cas de label personnalisé, le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben, laut Tabelle hierunten. Falls nichts anderes angegeben ist, wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber, es genau angeben. - Per ordinare, vedere la tabella qui sotto, in modo da completare il codice della valvola con eiettore e misura del Flow, nel caso in cui non venissero specificati, si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos, ver la tabla de abajo y completar el código de la válvula con en el injector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas, se debe indicar.	
Reference adder:	
G → Inject. GREY	N → Inject. BLACK
Standard Version: xxx #N - Black injector	
R → Inject. RED	F → Inject. Filter
Standard Version: xxx #F - Black injector	
	
FITTINGS	
Caution: At least two kit fittings are needed for one valve - if not indicated in description. kit means 1 piece. - Attention: il faut au moins deux kits fittings pour une vanne - sauf indication contraire. la désignation "kit" correspond à 1 pièce. - Warnung: zwei "kit fittings" sind für ein Ventil notwendig - falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil. - Attenzione: per ogni valvola sono necessari 2 kit di attacchi - se non indicato nella descrizione. kit significa 1 pezzo. - Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
FOR V132 AND V240 WITH QUICK INLET AND OUTLET PORTS	
2265-3L/05	Kit elbow fitting 1" to be glued (ABS)
2265-A/05	Kit fitting 3/4" female threaded (NYLO:N)
2265-B/05	Kit fitting 1" female threaded (NYLO:N)
2265-C/05	Kit fitting 1" ¼ female threaded (NYLO:N)
2265-D/05	Kit fitting 1" to be glued (ABS)
2265-GB/05	Kit fitting 1" ¼ NPT couple (NYLO:N)
2265-H/05	Kit fitting socket 1" ½ ext > 1" int (NYLO:N)
2265-I/05	Kit fitting socket 2" ext > 1" ¼ int (NYLO:N)
2265-K/05	Kit fitting 1" ½ female threaded (NYLO:N)
	
For V132 V230 and V240 threaded inlet and outlet ports	
494-B/05	Kit fitting PVC 2" valve side - 1" ¼ pipe side
494-C/05	Kit fitting PVC 2" valve side - D 40 female
494-F/05	Kit fitting brass 2" valve side > 1" ½ male
494-S/05	Kit fitting 2" Gas valve side > 1" ¼ NPT pipe side
494-T/05	Kit fitting 2" Gas valve side > 40 mm NPT to be glued
	

V250 Siata Valve



V250	
REFERENCE	DESCRIPTION
Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior	
Connection type: external threaded inlet and outlet ports - Type de raccord: raccords filetés mâle entrée / sortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettati esterni - Tipo de conexión: conexión rosca macho entrada / salida	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément - Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
V250A-BP/05	V250 Softening valve body assy
V250A-NBP/05	V250 Softening valve body assy NO Bypass
When ordering please refer to the below table to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders, you will get Standard Version. If Customs to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande, la version Std sera livrée. En cas de label personnalisé, le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben, laut Tabelle hierunten. Falls nichts anderes angegeben ist, wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber, es genau angeben. - Per ordinare, vedere la tabella qui sotto, in modo da completare il codice della valvola con eiettore e misura del Flow, nel caso in cui non venissero specificati, si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos, ver la tabla de abajo y completar el código de la válvula con en el inyector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas, se debe indicar.	
Reference adder:	
B → Inject. BLUE	N → Inject. BLACK
Standard Version: xxx #B - Blue injector	

V260 Siata Valve



V260	
REFERENCE	DESCRIPTION
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: external threaded inlet and outlet ports - Type de raccord: raccords filetés mâle entrée / sortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettati esterni - Tipo de conexión: conexión rosca macho entrada / salida	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément - Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
V260A-BP/05	V260 Softening valve body assy
V260A-BP/06	V260 Softening valve separated bodies
When ordering please refer to the table hereunder to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders, you will get Standard Version. If Custom s to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande, la version Std sera livrée. En cas de label personnalisé, le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben, laut Tabelle hier unten. Falls nichts anderes angegeben ist, wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber, es genau angeben. - Per ordinare, vedere la tabella qui sotto in modo da completare il codice della valvola con eiettore e misura del Flow Nel caso in cui non venissero specificati, si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos, ver la tabla de abajo y completar el código de la válvula con en el inyector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas, se debe indicar.	
Reference adder:	
B → Inject. BLUE	N → Inject. BLACK
Standard Version: xxx #B - Blue injector	
FITTINGS FOR V250, V260, V350, V351, 3V-50	
Caution: At least two kit fittings are needed for one valve - if not indicated in description, kit means 1 piece - Attention: il faut au moins deux kits fittings pour une vanne - sauf indication contraire, la désignation "kit" correspond à 1 pièce - Warnung: zwei "kit fittings" sind für ein Ventil notwendig - falls nichts anderes geschrieben, bedeutet die Beschreibung "kit" 1 einzel Teil - Attenzione: per ogni valvola sono necessari 2 kit di attacchi - se non indicato nella descrizione, kit significa 1 pezzo - Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario, un kit corresponde a 1 pieza	
494-A/05	Kit fitting PVC 2" ¼ valve side > D.50 mm to be glued
494-G/05	Kit fitting brass 2" ¼ valve side > 2" male
494-H/05	Kit fitting PVC 2" ¼ valve side > 1" ½ female
494-P/05	Kit fitting brass 2" ¼ valve side > 1" ½ male



V360 Siata Valve

V360	
REFERENCE	DESCRIPTION
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: flanged inlet and outlet ports / top & bottom ports - Type de raccord: entrée / sortie et raccords haut et bas à bride - Anschlussstyp: Eingang / A usgang und untere und obere Anschlüsse mit Flanschen - Tipo di raccordo: flangiato entrata / uscita e superiore / inferiore - Tipo de conexión: conexión entrada / salida y superior / inferior para bridas	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément - Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
NEW V360BKSMA#G	V360 Softening valve body assy Black with 5 hydraulic connectors - 4 fittings needed
NEW V360BKSMF#F	V360 Filter valve body assy Black with 5 hydraulic connectors - 4 fittings needed
<p>When ordering please refer to the table hereunder to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders. you will get Standard Version. If Custom s to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande. la version Std sera livrée. En cas de label personnalisé. le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben. laut Tabelle hierunten. Falls nichts anderes angegeben ist. wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber. es genau angeben. - Per ordinare. vedere la tabella qui sotto in modo da completare il codice della valvola con eiettore e misura del Flow Nel caso in cui non venissero specificati. si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos. ver la tabla de abajo y completar el código de la válvula con en el injector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas. se debe indicar.</p>	
Reference adder:	
N → Inject. BLUE	R → Inject. RED
W → Inject. WHIT E	GR → Inject. GREY
Standard Version: xxx #R - Red injector	



FITTINGS FOR V360	
Caution: if not indicated in description. kit means 1 piece - Attention: sauf indication contraire. la désignation "kit" correspond à 1 pièce - Warnung: falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil - Attenzione: se non indicato nella descrizione. kit significa 1 pezzo - Atención: si no se especifica lo contrario. un kit corresponde a 1 pieza - Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
364-A/05	Flange 1" ½ threaded female
364-B/05	Flange 2" threaded female
364-C/05	Flange 2" ½ threaded female
364-D/05	Flange 3" threaded female
364-E01/05	Flange 50 mm to be glued female ABS
364-F01/05	Flange 63 mm to be glued female ABS
364-G01/05	Flange 75 mm to be glued female ABS
364-N01/05	Flange 60.4 mm to be glued female ABS
364-P01/05	Flange ABS 3" NPT to be glued (89.3 mm)
364-Q01/05	Flange ABS 3" to be glued (90.2 mm)
NEW 364R-Q01/05	Flange D90 (suitable for DN 80 pipings)
NEW 364R-D/05	Flange 3" female threaded



ProFilter Sea Water Siata Valve

PROFILTE R SEA WATE R VALVES	
REFERENCE	DESCRIPTION
Valve mounting : Side mount. except V351 (top mount) - Montage latéral. sauf V351 (montage en tête) - Seitenmontage. außer V351 (Top Montage) - Montaggio laterale. tranne V351 (montaggio superiore) - Montaje lateral excepto V351 (Montaje superior)	
Connection type : external threaded inlet and outlet ports - Type de raccord : raccords filetés mâle entrée / sortie - Anschlusstyp : Aussengewinde Eingang / A usgang - Tipo di raccordo : entrata / uscita filettati esterni - Tipo de conexión : conexión rosca macho entrada / salida	
Caution : DLFC not included in the valve. To be ordered separately - Attention : DLFC non inclus dans la vanne. A commander séparément - Warnung : kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione : DLFC non compreso con la valvola - Atención : no se incluye los DLFC en las válvulas	
V350	
V350F-FE/06	V350 ProFilter Sea Water Valve - 6 fittings needed - blue
V350BKF-FE/06	V350 ProFilter Sea Water Valve - 6 fittings needed - black
V351	
V351F/06	V351 ProFilter Sea Water Valve - 6 fittings needed - blue
V351BKF/06	V351 ProFilter Sea Water Valve - 6 fittings needed - black
V363	
V363F-FE/06	V363 ProFilter Sea Water Valve - 6 fittings needed - blue
V363BKF-FE/06	V363 ProFilter Sea Water Valve - 6 fittings needed - black
3-WAY	
3V-63FE/06	3-WAY ProFilter Sea Water Valve - 3 fittings needed - blue
3V-63BKFE/06	3-WAY ProFilter Sea Water Valve - 3 fittings needed - black
FITTINGS FOR PROFILTER SEA WATER VALVES	
Caution : if not indicated in description. kit means 1 piece - Attention : sauf indication contraire. la désignation "kit" correspond à 1 pièce - Warnung : falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil - Attenzione : se non indicato nella descrizione. kit significa 1 pezzo - Atención : si no se especifica lo contrario. un kit corresponde a 1 pieza - Atención : son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
494-A/05	Kit fitting PVC 2" ¼ valve side > D.50 mm to be glued
494-H/05	Kit fitting PVC 2" ¼ valve side > 1" ½ female
494-I/05	Kit fitting PVC 2" ¾ valve side > 63 mm to be glued
494-I1/05	Kit fitting 2" ¾ brass valve side > 63 mm PVC
494-I2/05	Kit fitting 2" ¾ brass valve side > 2" PVC
494-R/05	Kit fitting 2" ¾ PVC valve side > 2" PVC
494-U/05	Kit fitting 2" ¾ PVC valve side > 2" PVC NPT



V350 / V351 Siata Valves

V350	
REFERENCE	DESCRIPTION
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: external threaded inlet and outlet ports / top & bottom ports - Type de raccord: entrée / sortie et raccords haut et bas filetés mâles - Anschlussstyp: Aussengewinde Eingang / A usgang und untere und obere Anschlüsse - Tipo di raccordo: filettati esterni entrata / uscita e superiori / inferiori - Tipo de conexión: conexión rosca macho entrada / salida y superior / inferior	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
V350F-BW1/05	V350 Filter valve (50 mm) only backwash with securing springs - 5 fittings needed
V350F-BWFE/05	V350 Filter valve (50 mm) only backwash - 5 fittings needed
V350F-FE/05	V350 Filter valve (50 mm) - 6 fittings needed
V350F-FE2/05	V350 Filter valve (50 mm) with securing spring - 6 fittings needed



V351	
REFERENCE	DESCRIPTION
Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior	
Connection type: external threaded inlet and outlet ports Type de raccord: raccords filetés mâle entrée / sortie Anschlussstyp: Aussengewinde Eingang / Ausgang Tipo di raccordo: entrata / uscita filettati esterni Tipo de conexión: conexión rosca macho entrada / salida	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
Caution: No Top and Bottom available	
V351F-BW/05	V351 Filter valve (50 mm) top mounted only backwash - 3 fittings needed
V351F/05	V351 Filter valve (50 mm) top mounted - 4 fittings needed
FITTINGS FOR V250, V260, V350, V351, 3V-50	
Caution: if not indicated in description. kit means 1 piece - Attention: sauf indication contraire. la désignation "kit" correspond à 1 pièce - Warnung: falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil - Attenzione: se non indicato nella descrizione. kit significa 1 pezzo - Atención: si no se especifica lo contrario. un kit corresponde a 1 pieza- Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
494-A/05	Kit fitting PVC 2" ¼ valve side > D.50 mm to be glued
494-G/05	Kit fitting brass 2" ¼ valve side > 2" male
494-H/05	Kit fitting PVC 2" ¼ valve side > 1" ½ female
494-P/05	Kit fitting brass 2" ¼ valve side > 1" ½ male



V363 / 3-way Valves 3V-50

V363	
REFERENCE	DESCRIPTION
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: external threaded inlet and outlet ports / top & bottom ports - Type de raccord: entrée / sortie et raccords haut et bas filetés mâles - Anschlussstyp: Aussengewinde Eingang / A usgang und untere und obere Anschlüsse - Tipo di raccordo: filettati esterni entrata / uscita e superiori / inferiori - Tipo de conexión: conexión rosca macho entrada / salida y superior / inferior	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément - Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
V363F-BW1/05	V363 Filter valve (63 mm) only backwash with security springs - 5 fittings needed
V363F-BWFE/05	V363 Filter valve (63 mm) only backwash - 5 fittings needed
V363F-FE/05	V363 Filter valve (63 mm) - 6 fittings needed
V363F-FE2/05	V363 Filter valve (63 mm) with security springs - 6 fittings needed
FITTINGS FOR V363, 3V-63	
Caution: if not indicated in description. kit means 1 piece - Attention: sauf indication contraire. la désignation "kit" correspond à 1 pièce - Warnung: falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil - Attenzione: se non indicato nella descrizione. kit significa 1 pezzo - Atención: si no se especifica lo contrario. un kit corresponde a 1 pieza- Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
494-I/05	Kit fitting PVC 2" ¾ valve side > 63 mm to be glued
494-II/05	Kit fitting 2" ¾ brass valve side > 63 mm PVC
494-I2/05	Kit fitting 2" ¾ brass valve side > 2" PVC
494-R/05	Kit fitting 2" ¾ PVC valve side > 2" PVC
494-U/05	Kit fitting 2" ¾ PVC valve side > 2" PVC NPT



3-WAY VALVES 3V-50	
REFERENCE	DESCRIPTION
Connection type: external threaded inlet and outlet ports - Type de raccord: raccord fileté mâle entrée / sortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettato esterno	
3V-50FE/05	3-WAY valve (50 mm) - 3 fittings needed
3V-50FE1/05	3-WAY valve (50mm) with security spring - 3 fittings needed
FITTINGS FOR V250, V260, V350, V351, 3V-50	
Caution: if not indicated in description. kit means 1 piece - Attention: sauf indication contraire. la désignation "kit" correspond à 1 pièce - Warnung: falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil - Attenzione: se non indicato nella descrizione. kit significa 1 pezzo - Atención: si no se especifica lo contrario. un kit corresponde a 1 pieza- Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
494-A/05	Kit fitting PVC 2" ¼ valve side > D.50 mm to be glued
494-G/05	Kit fitting brass 2" ¼ valve side > 2" male
494-H/05	Kit fitting PVC 2" ¼ valve side > 1" ½ female
494-P/05	Kit fitting brass 2" ¼ valve side > 1" ½ male



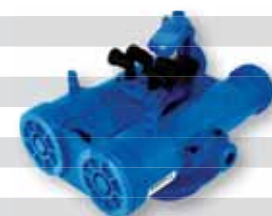
3-way Siata Valves 3V-63





3-WAY VALVES 3V-63	
REFERENCE	DESCRIPTION
Connection type: external threaded inlet and outlet ports - Type de raccord: raccords filetés mâle entrée / sortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettati esterni - Tipo de conexión: conexión rosca macho entrada / salida	
3V-63FE/05	3-WAY valve (63 mm) - 3 fittings needed
3V-63FE1/05	3-WAY valve (63mm) with security spring) - 3 fittings needed
FITTINGS FOR V363, 3V-63	
Caution: if not indicated in description. kit means 1 piece - Attention: sauf indication contraire. la désignation "kit" correspond à 1 pièce - Warnung: falls nichts anderes geschrieben. bedeutet die Beschreibung "kit" 1 einzel Teil - Attenzione: se non indicato nella descrizione. kit significa 1 pezzo - Atención: si no se especifica lo contrario. un kit corresponde a 1 pieza- Atención: son necesarios 2 kit por válvula - si no se especifica lo contrario. un kit corresponde a 1 pieza	
494-I/05	Kit fitting PVC 2" ¾ valve side > 63 mm to be glued
494-Π/05	Kit fitting 2" ¾ brass valve side > 63 mm PVC
494-I2/05	Kit fitting 2" ¾ brass valve side > 2" PVC
494-R/05	Kit fitting 2" ¾ PVC valve side > 2" PVC
494-U/05	Kit fitting 2" ¾ PVC valve side > 2" PVC NPT

DI Siata Valves, Controllers and Accessories

REFERENCE	DESCRIPTION
DI VALVE BODY SERIES	
Top Mounted valves Top & Bottom Distributors are INCLUDED - Vannes avec montage en tête: crépines inférieure et supérieure INCLUSES - Bei Top Montage Ventile: obere und untere Düse sind MITGELIEFERT - Per le valvole a montaggio superiore le crepine superiori e inferiori sono INCLUSE - Válvulas para montaje superior: crepinas inferior y superior INCLUIDAS	
Side Mounted valves Top & Bottom Distributors are EXCLUDED - Vannes avec montage latéral: PAS de crépines inférieure et supérieure - Bei Seiten Montage Ventile: KEINE obere und untere Düse - Per le valvole a montaggio laterale le crepine superiori e inferiori sono ESCLUSE - Válvulas para montaje lateral: crepinas inferior y superior NO INCLUIDAS	
Excluded Inlet / O outlet Connections - To be ordered separately - Non inclus: raccords Entrée / S ortie - Sind nicht mitgeliefert: Anschlüsse Eingang / A usgang - Non sono compresi: raccordi entrata / uscita - No incluidas: conexiones entrada / salida	
V132 DI VALVE BODY ASSY	
Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior	
Connection type: quick inlet and outlet ports - Type de raccord: raccords rapides Entrée / S ortie - Anschlussstyp: Schnellverbindungen Eingang / A usgang - Tipo di raccordo: innesti rapidi entrata / uscita - Tipo de conexión rápida entrada / salida	
V132D-04/05	V132 D.I. Anionic valve body assy + probe
V132D-05/05	V132 D.I. Cationic valve body assy
V132P-D/05	V132 D.I. Valve body assy with twin pilots
V132D-4BFE/05	V132 D.I. Anionic valve body assy ext. threads + probe
V132D-5BFE/05	V132 D.I. Cationic valve body assy ext. Threads 5 connections
V230 DI VALVE BODY ASSY	
Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior	
Connection type: ext. threaded inlet and outlet ports - Type de raccord: raccord fileté mâle Entrée / S ortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettato esterno - Tipo de conexión: conexión rosca macho entrada / salida	
V230D-05/05	V230 D.I. valve body assy 5 connections
When ordering please refer to the table hereunder to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders. you will get Standard Version. If Custom s to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande. la version Std sera livrée. En cas de label personnalisé. le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben. laut Tabelle hierunten. Falls nichts anderes angegeben ist. wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber. es genau angeben. - Per ordinare. vedere la tabella qui sotto in modo da completare il codice della valvola con eiettore e misura del Flow Nel caso in cui non venissero specificati. si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos. ver la tabla de abajo y completar el código de la válvula con en el inyectore y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas. se debe indicar.	
Reference adder:	
B1 → Inject. BLUE Flow 1 Standard Label	B2 → Inject. BLUE Flow 2 Standard Label
GO → Inject. GREY no Flow Standard Label	G5 → Inject. GREY Flow 5 Standard Label
M1 → Inject. BRO WN Flow 1 Standard Label	
N4 → Inject. BLACK Flow 4 Standard Label	N5 → Inject. BLACK Flow 5 Standard Label
R3 → Inject. RED Flow 3 Standard Label	R4 → Inject. RED Flow 4 Standard Label
Standard Version: xxx #B2 - Std label. blue injector & flow 2	
DISTRIBUTOR SUPP ORT FOR V132 & 230 D.I.	
To be ordered with the valve and controller - À commander avec la vanne et le controleur - Zusammen mit Ventil und Steuerung zu bestellen - Da ordinare con la valvola e il timer - Se deben pedir con la válvula y el programador	
VAA 99631	for standard Controller
VAA 99629-31	for industrial Controller



DI Siata Valves, Controllers and Accessories

REFERENCE	DESCRIPTION
V240 DI VALVE BODY ASSY	
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: quick inlet and outlet ports - Type de raccord: raccords rapides Entrée / S ortie - Anschlussstyp: Schnellverbindungen Eingang / A usgang - Tipo di raccordo: innesti rapidi entrata / uscita - Tipo de conexión rápida entrada / salida	
V240D-04/05	V240 D.I. Anionic valve body assy
V240D-05/05	V240 D.I. Cationic valve body assy
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: ext. threaded inlet and outlet ports - Type de raccord: raccord fileté mâle Entrée / S ortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettato esterno	
V240D-5BFE/05	V240 D.I. Cat.& An. valve body assy ext. threads
V240D-FERCC /05	V240 D.I. Cat.& An. valve body assy with backwash regulator
When ordering please refer to the table hereunder to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders. you will get Standard Version. If Custom s to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande. la version Std sera livrée. En cas de label personnalisé. le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben. laut Tabelle hierunten. Falls nichts anderes angegeben ist. wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber. es genau angeben. - Per ordinare. vedere la tabella qui sotto in modo da completare il codice della valvola con eiettore e misura del Flow Nel caso in cui non venissero specificati. si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos. ver la tabla de abajo y completar el código de la válvula con en el injector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas. se debe indicar.	
Reference adder:	
G → Inject. GREY N → Inject. BLACK R → Inject. RED	
Standard Version: xxx #R - Red injector	
	
V250 DI VALVE BODY ASSY	
Valve mounting Top mount - Montage en tête - Top Montage - Montaggio superiore - Montaje superior	
Connection type: ext. threaded inlet and outlet ports - Type de raccord: raccord fileté mâle Entrée / S ortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettato esterno - Tipo de conexión: conexión rosca macho entrada / salida	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément - Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
V250D-NBP/05	V250 D.I Cat.& An. valve body assy NO Bypass
When ordering please refer to the table hereunder to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders. you will get Standard Version. If Custom s to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande. la version Std sera livrée. En cas de label personnalisé. le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben. laut Tabelle hierunten. Falls nichts anderes angegeben ist. wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber. es genau angeben. - Per ordinare. vedere la tabella qui sotto in modo da completare il codice della valvola con eiettore e misura del Flow Nel caso in cui non venissero specificati. si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos. ver la tabla de abajo y completar el código de la válvula con en el injector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas. se debe indicar.	
Reference adder:	
B → Inject. GREY N → Inject. BLACK	
Standard Version: xxx #B - Blue injector. no flow	
	
DISTRIBUTOR SUPP ORT FOR V250 DI	
To be ordered with the valve and controller if the standard support is not used	
VAA 99630	for standard Controller
VAA 99629-30	for industrial Controller

DI Siata Valves, Controllers and Accessories

REFERENCE	DESCRIPTION
V260 DI VALVE BODY ASSY	
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: ext. threaded inlet and outlet ports - Type de raccord: raccord fileté mâle Entrée / S ortie - Anschlussstyp: Aussengewinde Eingang / A usgang - Tipo di raccordo: entrata / uscita filettato esterno - Tipo de conexión: conexión rosca macho entrada / salida	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément - Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
V260D-BP/05	V260 D.I. Cat.& An. valve separated bodies. no/bypass valve to be added - 4 fittings needed
V260D-NBP/05	V260 D.I. Cat.& An. valve separated bodies & no/bypass valve included - 4 fittings needed
When ordering please refer to the table hereunder to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders. you will get Standard Version. If Custom s to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande. la version Std sera livrée. En cas de label personnalisé. le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben. laut Tabelle hierunten. Falls nichts anderes angegeben ist. wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber. es genau angeben. - Per ordinare. vedere la tabella qui sotto in modo da completare il codice della valvola con eiettore e misura del Flow Nel caso in cui non venissero specificati. si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos. ver la tabla de abajo y completar el código de la válvula con en el inyector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas. se debe indicar.	
Reference adder:	
B → Inject. BLUE N → Inject. BLACK	
Standard Version: xxx #B - Blue injector. no flow	
V360 DI VALVE BODY ASSY	
Valve mounting: Side mount - Montage latéral - Seitenmontage - Montaggio laterale - Montaje lateral	
Connection type: Flanges inlet and outlet & top bottom ports - Type de raccord: Entrée / S ortie et raccords haut et bas à bride - Anschlussstyp: Eingang / A usgang und untere und obere Anschlüsse mit Flanschen - Tipo di raccordo: flangiato entrata / uscita e superiore / inferiore - Tipo de conexión: conexión entrada / salida y superior / inferior para bridas	
Caution: DLFC not included in the valve. To be ordered separately - Attention: DLFC non inclus dans la vanne. A commander séparément - Warnung: kein DLFC (Rückspülblende) im Ventil beinhaltet - Attenzione: DLFC non compreso con la valvola - Atención: no se incluye los DLFC en las válvulas	
NEW V360BKSM DA #N	V360 D.I. Anionic Black valve body assy with 4 hydraulic connectors - 4 fittings needed
NEW V360BKSM DK#N	V360 D.I. Cationic Black valve body assy with 4 hydraulic connectors - 4 fittings needed
When ordering please refer to the table hereunder to complete the reference in adding the right Injector & Flow control sizes. Should you not add these reference adders. you will get Standard Version. If Custom s to be specified. - Pour commander se référer au tableau ci-dessous afin de compléter la référence en ajoutant les tailles d'injecteur & de limiteur de débit. Si rien n'est précisé lors de la commande. la version Std sera livrée. En cas de label personnalisé. le spécifier. - Bei der Bestellung Referenz und gültige Injektor und DLFC Größe angeben. laut Tabelle hierunten. Falls nichts anderes angegeben ist. wird die Std Ausführung geliefert. Im Falle spezielle Aufkleber. es genau angeben. - Per ordinare. vedere la tabella qui sotto in modo da completare il codice della valvola con eiettore e misura del Flow Nel caso in cui non venissero specificati. si fornirà la versione standard. Si prega segnalare eventuali mascherine personalizzate. - Para efectuar los pedidos. ver la tabla de abajo y completar el código de la válvula con en el inyector y el regulador de caudal. En caso de no especificarlo se suministrará la versión estandar. En caso de válvulas personalizadas. se debe indicar.	
Reference adder:	
N → Inject. BLACK R → Inject. RED W → Inject. WHIT E	
Standard Version: xxx #R - Red injector	
DISTRIBUTOR SUPP ORT FOR V360 DI	
To be ordered with the valve and controller - À commander avec la vanne et le controleur - Zusammen mit Ventil und Steuerung zu bestellen - Da ordinare con la valvola e il timer - Se deben pedir con la válvula y el programador	
VAA 99628	For standard & industrial Controller with 5 pilots
VAA 99627	For standard & industrial Controller with 7 pilots



DI Siata Controller series



DI CONTROLLER SERIES	
REFERENCE	DESCRIPTION
TIMER AQUAIONIC	
Caution: Conductivity probe ref. # 2163 / 05 not included - Attention: Sonde de conductivité réf. # 2163 / 05 non livrée - Warnung: Leitfähigkeitssonde Ref.#2163 / 05 nicht mitgeliefert - Attenzione: Sonda di conducibilità ref. # 2163 / 05 non inclusa - Atención: sonda de conductividad ref. # 2163 / 05 no incluida	
AI 5-02/05#STD	5-Pilots demineralization controller
AI 5-02/07	5-Pilots demi controller 12 V 60 Hz 2 Meters cable
AI 5-02/08#STD	5-Pilots demi controller 230 V 60 Hz
AI 6-02/05#STD	6-Pilots demineralization controller
AI 7-02/05#STD	7-Pilots demineralization controller
AI 7-02/13#STD	7- Pilots Demi controller 12V 60HZ 2 Meters cable
AI 7-02/16#STD	7-Pilots demi control. 230V 60Hz with shielded transf.
AI 7-02/55#STD	7 Pilots demi controller 115 V 60 Hz
TIMER AQUAIONIC PLUS	
Caution: Conductivity probe ref. # 2163 / 05 not included - Attention: Sonde de conductivité réf. # 2163 / 05 non livrée - Warnung: Leitfähigkeitssonde Ref.#2163 / 05 nicht mitgeliefert - Attenzione: Sonda di conducibilità ref. # 2163 / 05 non inclusa - Atención: sonda de conductividad ref. # 2163 / 05 no incluida	
AI -DPLX/05	AQUA IONIC PLUS DUPLEX
AI -PLUS 1/05	AQUA IONIC PLUS equipment 24 Volt

Hydraulic Distributors

HYDRAULIC DISTRIBUTORS	
REFERENCE	DESCRIPTION
HYDRAULIC DISTRIBUTORS	
Simplex with 1 distributor and antibackflow valves required	
A4-DIST /05	4-Pilots line "A" for 2 SIATA valves
B4-DIST /05	4-Pilots line "B" for 2 SIATA valves.
C4-DIST /05	4-Pilots line "C" for 2 SIATA valves.
Simplex with 1 distributor and regen. shut-off valves required	
A6-DIST /05	6-Pilots line "A" for D.I. 2 valves + 2 regen.shut-off
B6-DIST /05	6-Pilots line "B" for D.I. 2 valves + 2 regen.shut-off
Simplex with 2 distributors and antibackflow valves required	
A2-DIST /05	2-Pilots line "A" for 1 SIATA valves
B2-DIST /05	2-Pilots line "B" for 1 SIATA valves
C2-DIST /05	2-Pilots line "C" for 1 SIATA valves
Simplex with 2 distributors and regen. shut-off valves required	
A3-DIST /06	3-Pilots line "A" for 1 SIATA valves regenerant line closing
B3-DIST /06	3-Pilots line "B" for 1 SIATA valves regenerant line closing
C3-DIST /06	3-Pilots line "C" for 1 SIATA valves regenerant line closing
Duplex (A & B minimum are required) and antibackflow valves required	
A4-DIST /05	4-Pilots line "A" for 2 SIATA valves
B4-DIST /05	4-Pilots line "B" for 2 SIATA valves.
C4-DIST /05	4-Pilots line "C" for 2 SIATA valves.
Duplex (A & B minimum are required) and regen. shut-off valves required	
A6-DIST /05	6-Pilots line "A" for D.I. 2 valves + 2 regen.shut-off
B6-DIST /05	6-Pilots line "B" for D.I. 2 valves + 2 regen.shut-off

DI Siata Accessories and Kits



DI ACCESSORIES AND KITS	
REFERENCE	DESCRIPTION
ACCESSORIES FOR DI	
2161/05	T suction regulator
2162-A/05	No return valve (black) NaOH
2162-K1/05	No return valve antiacid (Hcl) Viton FPM
2163/05	Conductivity probe
2184/05	Interface AQUA IONIC series Single.
563-V/05	Flat seal for return valve in VITON
PNEUMATIC VALVES	
1070146 + 1070191	Pneumatic valve 1/2" Butil N.O.+ fitting
1070145 + 1070192	Pneumatic valve 1/2" Viton N.O.+ fitting
1070155 + 1070204A	Pneumatic valve 1" PVC N.O.+ fitting 32 mm
1070168 + 1070212	Pneumatic valve 1 1/2" PVC N.O.+ pipe union

DI COMPACT SERIES	
REFERENCE	DESCRIPTION
KIT DI V132	
DI 132AI 07/1A#01	Kit DI V132 AI
DI 132AI P06/1A#01	Kit DI V132 AI Plus
DI 132AID X06/1A#01	Kit DI V132 AI Plus DPX
KIT DI V230	
DI 230AI 07/1A#01	Kit DI V230 AI
DI 230AI P06/1A#01	Kit DI V230 AI Plus
DI 230AID X06/1A#01	Kit DI V230 AI Plus DPX
KIT DI V250	
DI 250AI 07/1A#01	Kit DI V250 AI
DI 250AI P06/1A#01	Kit DI V250 AI Plus
DI 250AID X06/1A#01	Kit DI V250 AI Plus DPX
KIT DI V360	
DI 360AI 07/1A#01	Kit DI V360 AI
DI 360AI P06/1A#01	Kit DI V360 AI Plus
DI 360AID X06/1A#01	Kit DI V360 AI Plus DPX

Controllers

CONTROLLERS	
REFERENCE	DESCRIPTION
TIMER SFE	
SFE-BK0/05	SFE controller Black twin pilots
SFE-BK0/07	SFE controller Black twin pilots w/relay drive
SFE-BK0/06	SFE meter controller Black twin pilots
SFE-BK0/08	SFE meter controller Black twin pilots w/relay drive
SFE-BK0C/05	SFE controller Black twin pilots w/chlorine drive
SFE-BK0C/06	SFE meter controller Black twin pilots w/chlorine drive
SFE-BK0L/05	SFE LPlate controller Black twin pilots
SFE-BK0L/07	SFE LPlate controller Black twin pilots w/relay drive
SFE-BK0L/06	SFE LPlate meter controller Black twin pilots
SFE-BK0L/08	SFE LPlate meter contr. Black twin pilots w/relay drive
SFE-BK0LC/05	SFE LPlate controller Black twin pilots w/chlorine drive
SFE-BK0LC/06	SFE LPlate meter contr. Black twin pilots w/chlorine drive
SFE-BK201/05	2 pilots SFE controller Black
NEW ▶ SFE-BK201/06	2 pilots SFE meter controller Black *
NEW ▶ SFE-BK201C/05	2 pilots SFE controller Black w/chlorine drive
NEW ▶ SFE-BK201L/05	2 pilots SFE Lplate controller Black
NEW ▶ SFE-BK201L/06	2 pilots SFE Lplate meter controller Black*
NEW ▶ SFE-BK201LC/05	2 pilots SFE Lplate controller Black w/chlorine drive
SFE-BK301/05	3 pilots SFE controller Black
NEW ▶ SFE-BK301/06	3 pilots SFE meter controller Black*
NEW ▶ SFE-BK301C/05	3 pilots SFE controller Black w/chlorine drive
NEW ▶ SFE-BK301L/05	3 pilots SFE Lplate controller Black
NEW ▶ SFE-BK301L/06	3 pilots SFE Lplate meter controller Black*
NEW ▶ SFE-BK301LC/05	3 pilots SFE Lplate controller Black w/chlorine drive
NEW ▶ SFE-BK409/05	4 pilots SFE controller Black
NEW ▶ SFE-BK409/06	4 pilots SFE meter controller Black*
NEW ▶ SFE-BK409L/05	4 pilots SFE Lplate controller Black
NEW ▶ SFE-BK409L/06	4 pilots SFE Lplate meter controller Black*







* Caution : All timers with external pilots (SFE xxxxx/06) are to be used with SIATA external meters - Attention: Tous les timers avec pilote externe du type SFE xxxxx/06 doivent être installé avec une turbine externe SIATA - Achtung: Alle Steuerung mit Extern Piloten Typ SFE xxxxx/06 sollen mit eine SIATA Extern Wassermesser installiert sein - Attenzione: Tutti i timer con piloti esterni SFE xxxx/06 hanno il cavo turbina per il contaore esterno SIATA - Atención: Todos los programadores con pilotos externos (SFE xxxxx/06) deben utilizarse con los contadores externos SIATA. All above part numbers are black box controllers. To order a blue box controller, simply cancel the “-BK” from the part number. Price for the blue controller is the same as for the black controller - Toutes les références ci-dessus contiennent un contrôleur noir. Pour commander un contrôleur de couleur bleue, il suffit d’enlever le “-BK” de la référence. Le prix du contrôleur de couleur bleue est le même que celui du contrôleur de couleur noire - Alle oben gelisteten Referenzen sind für Steuerungen in schwarzen Gehäusen. Um eine blaue Version zu bestellen, kann das Kennzeichen „BK“ einfach herausgenommen werden. Verkaufspreisen bleiben unverändert - Tutti i codici sopra riportati sono relativi a controller con scatola nera. Per ordinare la versione con scatola blu basta cancellare la parte “-BK” dal codice del controller. Il prezzo del controller rimane invariato per la versione blu rispetto alla nera - Spanish todos los códigos de la lista de arriba son relacionados a controladores con caja de color negro. Para pedir la versión con caja azul simplemente borre “- BK” a partir del código original. El precio del controlador permanece sin cambios para la versión con caja azul

Ordering Information SFE / Controllers

ORDERING INFORMATION SFE	Wiring	Option chlorine	BOX Type	Camshaft type	Colour
CABLES WIRED /05 Chrono (no cables) /06 Metered (Siata turbine cable) /07 Chrono + relay driver cable /08 Metered (with turbine cable and relay driver cable)					
OPTION CHLORINE No chlorine option 2 Chlorine option					
BOX TYPE Box standard L L-plate					
DRIVE TYPE 0 Twin pilot 201 External 2 pilots 210 2 pilots for profilter valves 301 Outlet shut-off 3 pilots 303 Suction shut-off 3 pilots 409 4 pilots outlet and suction shut-off					
COLOUR TYPE Blue -BK Black					

CONTROLLERS	
REFERENCE	DESCRIPTION
TIMER SFE -EV	
NEW ▶ SFV 0/05	SF E-EV controller twin pilots
NEW ▶ SFV 0/06	SF E-EV meter controller twin pilots (*)
NEW ▶ SFV 0C/05	SF E-EV controller twin pilots w/ chlorine drive
NEW ▶ SFV 0C/06	SF E-EV meter controller twin pilots w/ chlorine drive (*)
NEW ▶ SFV 215/05	2 pilots SF E-EV controller
NEW ▶ SFV 215/06	2 pilots SF E-EV meter controller (*)
NEW ▶ SFV 215C/05	2 pilots SF E-EV controller w/ chlorine drive
NEW ▶ SFV 215C/06	2 pilots SF E-EV meter controller w/ chlorine drive (*)
NEW ▶ SFV 328/05	3 pilots SF E-EV controller
NEW ▶ SFV 328/06	3 pilots SF E-EV meter controller (*)
NEW ▶ SFV 328C/05	3 pilots SF E-EV controller w/ chlorine drive
NEW ▶ SFV 328C/06	3 pilots SF E-EV meter controller w/ chlorine drive (*)

* Caution: delivered with meter cable; to be used with SIATA meters ONLY - Attention: livré avec le câble de turbine pré-monté; ne peut être utilisé qu'avec une turbine SIATA - Achtung: Wird mit der Wassermesser Kabel geliefert; Soll nur mit einem SIATA Wasserzähler benutzt sein - Attenzione, cavo per contatore incluso; compatibile solo con turbina SIATA - Atención: se entrega con cable contador; para ser usado SÓLO con contadores SIATA .

Controllers



CONTROLLERS	
REFERENCE	DESCRIPTION
TIMER AQUATIMER	
AT 0-02/06#STD	Controller for twin pilots with 3 DIN plugs
AT2-02/10#STD	2-pilots controller for V350F/V363F with 3 DIN plugs
AT 2-02/11#STD	2-pilots controller with 3 DIN plugs
AT 3-02/18#STD	3-pilots controller with 3 DIN plugs
AT 5-02/10#STD	5-pilots control.with cam on demand with 3 DIN plugs
AT 6-02/10#STD	6-pilots control.with cam on demand with 3 DIN plugs
AT7-02/10#STD	7-pilots control.with cam on demand with 3 DIN plugs
TIMER AQUACUBIC	
AC 5-02/05#STD	5-pilots duplex controller
AC 5-02/19#STD	5-pilots duplex controller 60 Hz 2 mt cable
AC 5-02/20#STD	See AC 5-02/05#STD plus 3 DIN plugs
AC 5-02/23#STD	5-pilots duplex control. filtered transformer 220 V 60 Hz
AC 6-02/05#STD	6-pilots duplex controller
AC 7-02/05#STD	7-pilots duplex controller
AC 7-02/09#STD	7-pilots duplex control. Softner single valve no L.L.
AC 7-02/17#STD	7-pilots duplex controller with 3 DIN plugs
TIMER AQUAPROGRAM	
APO-02/05#STD	Controller for twin pilots
AP2-02/05#STD	2-Pilots controller
AP3-02/05#STD	3-Pilots controller
MANUAL TIMER STANDARD	
STM/05	Std Manual
TIMER FOR PROFILTER VALVES	
TP1-02/05#STD	1 pilot controller for profilter backwash (BW)
TP2-02/05#STD	2 pilots controller for profilter
NEW SF E101/05	1 pilot SF E for profilter backwash (BW)
NEW SF E210/05	2 pilots SF E for profilter valves (BW+RR)

Distributor Supports

DIST RIBUTOR SUPPORTS	
REFERENCE	DESCRIPTION
To be ordered with the valve and controller - À commander avec la vanne et le controleur - Zusammen mit Ventil und Steuerung zu bestellen - Da ordinare con la valvola e il timer - Se deben pedir con la válvula y el PROGRAMADOR	
DISTRIBUTOR SUPP ORT FOR V132 AND V230	
VAA99631	For standard controller
DISTRIBUTOR SUPP ORT FOR V250	
VAA99630	For standard controller
DISTRIBUTOR SUPP ORT FOR V360	
VAA99628	For standard & industrial controller with 5 Pilots
VAA99627	For standard & industrial controller with 7 Pilots
DISTRIBUTOR SUPP ORT FOR V363	
JD0018	For standard controller
JD0018-20	For Aquatimer Plus

Professional Controllers

PROFESSIONAL CONTROLLERS	
REFERENCE	DESCRIPTION
TIMER RO EV /EVE	
RO -EV1/05	R.O. controller wall mounting 230 V (CE)
RO -EV24/05	R.O. controller wall mounted 24V
RO -EVE1/05	R.O. controller for panel 230 V(CE)
RO -EVE24/05	R.O. controller for panel 24 V
AQUA RO SIMPLY	
RO -SI MP/05	Aqua R.O. S I M P L Y. 230V
RO -SI MP1/05	Aqua R.O. S I M P L Y 24V
AQUA RO EASY	
RO -EAS Y/05	Equipment Aqua R.O. EAS Y. 230V
TIMER AQUA RO MICRO	
RO -MICRO /05	R.O. MICRO
AQUA TIMER PLUS	
AT -PLUS 1/05	Aqua Timer PLUS 24V
AT -PLUS 2/05	Aqua Timer PLUS 230V
HYDRAULIC DISTRIBUTOR FOR AQUA TIMER PLUS	
Simplex with brine valve	
A3-DIST /05	3-pilots line "A" outlet closing
Simplex with shut off valve	
A4-DIST /06	4-pilots line "A" regenerant / outlet closing
Cascade regen. for Profilter valve	
B4-DIST /08	4-pilots line "B" duplex V363/V350 Cascade regen.
Duplex immediate regeneration # 7 with brine valve	
AB5-DIST /05	5-pilots duplex lines "AB" with outlet closing
Duplex immediate regeneration # 7 with shut off valve	
AB7-DIST /05	See AB5-DIST /05 + 2 regenerant shut-off valves
AQUA CUBIC PLUS	
AC -PLUS 1/05	Aqua Cubic PLUS 24V
AC -PLUS 2/05	Aqua Cubic PLUS 230 V
HYDRAULIC DISTRIBUTOR FOR AQUA CUBIC PLUS	
Duplex immediate regeneration # 7 with brine Valve	
AB5-DIST /05	5-Pilots DU PLEX lines "AB" with outlet closing
Duplex immediate regeneration # 7 with shut off valve	
AB7-DIST /05	See AB5-DIST /05 + 2 regenerant shut-off valves

Professional Controllers

PROFESSIONAL CONTROLLERS	
REFERENCE	DESCRIPTION
Duplex delayed regeneration # 7 with brine valve or filter except Profilter serie	
A2-DIST /05	2-Pilots line "A"
B2-DIST /05	2-Pilots line "B"
Duplex delayed regeneration # 7 with Shut off valve or decarbonatation and iron removal	
A3-DIST /06	3-Pilots line "A" regenerant line closing
B3-DIST /06	3-Pilots line "B" regenerant line closing
Carbon filter duplex with 2 lines # 6 series regeneration	
A4-DIST /05	4-Pilots line "A" for D.I.
B4-DIST /05	4-Pilots line "B" for D.I.
Parallel system # 5 with sequence regeneration with brine valve	
A3-DIST /05	3-Pilots line "A" outlet closing
B3-DIST /05	3-Pilots line "B" outlet closing
Parallel system # 5 with sequence regeneration with shut off valve	
A4-DIST /06	4-Pilots line "A" regenerant / outlet closing
B4-DIST /06	4-Pilots line "B" regenerant / outlet closing
AQUA CUBIC MULTIPLEX	
AC -MUL24/05	Aqua Cubic MULTI PLEX 24 V
HYDRAULIC DISTRIBUTOR FOR AQUA CUBIC MULTIPLEX	
With brine valve	
A2-DIST /05	2-Pilots line "A"
B2-DIST /05	2-Pilots line "B"
C2-DIST /05	2-Pilots line "C"
With shut off valve	
A3-DIST /06	3-Pilots line "A" regenerant line closing
B3-DIST /06	3-Pilots line "B" regenerant line closing
C3-DIST /06	3-Pilots line "C" regenerant line closing
Distributor support for V132 & V230	
To be ordered with the valve and controller - À commander avec la vanne et le controleur - Zusammen mit Ventil und Steuerung zu bestellen - Da ordinare con la valvola e il timer - Se deben pedir con la válvula y el programador	
VAA 99629-31	for industrial Controller
Distributor support for V250	
To be ordered with the valve and controller - À commander avec la vanne et le controleur - Zusammen mit Ventil und Steuerung zu bestellen - Da ordinare con la valvola e il timer - Se deben pedir con la válvula y el programador	
VAA 99629-30	for industrial Controller Controller
Distributor support for V360	
To be ordered with the valve and controller if the standard support is not used	
VAA 99628	for standard & industrial Controller with 5 pilots
VAA 99627	for standard & industrial Controller with 7 pilots



Hydraulic Distributors



HYDRAULIC DISTRIBUTORS	
REFERENCE	DESCRIPTION
A0-DIST /05#STD	line "A" for twin pilots
A5-DIST /06	5-Pilots line "A" for SV softening scheme DA 0125
A3-DIST /10	3-pilots line "A" cam on demand
A4-DIST /10	4-pilots line "A" cam on demand
A5-DIST /10	5-pilots line "A" cam on demand
A6-DIST /10	6-pilots line "A" cam on demand
B3-DIST /10	3-pilots line "B" cam on demand
B4-DIST /10	4-pilots line "B" cam on demand
B5-DIST /10	5-Pilots line "B" cam on demand
B6-DIST /10	6-Pilots line "B" cam on demand
C3-DIST /10	3-pilots line "C" cam on demand
C4-DIST /10	4-pilots line "C" cam on demand

Accessories


ACCESSORIES	
REFERENCE	DESCRIPTION
BRINE VALVE	
BRI-100/05	Brine valve BR with flexible pole
BYPASS VALVES	
BP-D/06	Direct ByPass with prop. mixing + check valve
NEW ▶ BP-D1/06	Direct ByPass NO Mixing + check valve
NEW ▶ BP-DN 1/06	Direct ByPass Black NO Mixing + check valve
BP-D/08	Direct ByPass with mixing
BP-DP/06	Direct ByPass with prop.mixing + check valve + sample taps
NEW ▶ BP-DP1/06	Direct ByPass NO Mixing + check valve +sample taps
NEW ▶ BP-DPN1/06	Direct ByPass Black NO Mixing + check valve +sample taps
BP-DP/08	Direct ByPass with mixing + sample taps
BP-DPN/06	Direct ByPass Black with prop.mixing + check valve
BP-FD /05	Direct ByPass for filter
BP-FDP/05	Direct ByPass for filter + sample taps
BP-FR/05	Remote ByPass for filter
BP-R/06	Remote ByPass with prop.mixing + check valve
NEW ▶ BP-R1/06	Remote ByPass NO mixing + check valve
NEW ▶ BP-RN 1/06	Remote ByPass Black NO mixing + check valve
BP-RP/06	Remote ByPass with prop.mixing + check valve + sample taps
NEW ▶ BP-RP1/06	Remote ByPass NO mixing + check valve + sample taps
NEW ▶ BP-RPN1/06	Remote ByPass Black NO mixing + check valve + sample taps
FITTINGS FOR BYPASS	
490	Reduction 1" ½ female -¾" male
491	Reduction 1" ½ female -1" male
PIPING (TUBES & CONNECTORS)	
E01480	Brine pipe suction mm 9.5 x 6.35
2220	Polyethylene tube (4 X 6) transparent
2220-A	Polyethylene tube (4 X 6) azure
2220-G	Polyethylene tube (4 X 6) yellow
2220-N	Polyethylene tube (4 X 6) black
2220-R	Polyethylene tube (4 X 6) red
2220-V	Polyethylene tube (4 X 6) green
METERS	
2296/05	Turbine Meter G 1 ½"
2297-2M/05	Turbine Meter G ¾"(2 field magnet)
2297/05	Turbine Meter G ¾" (4910990)
MAINTENANCE PARTS	
2238/05	Kit Maintenance Interns V132
8500	Silicone grease package 1 Kg



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