

Product catalog 2012

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ECO DIST

All products for water on your boat



EcoDist offers you a wealth of experience in the selection, sourcing and supply of the equipment needed to fulfill all your water system needs.

Our technicians are available for sales and support at our showroom and warehouse 5 mn from the A8 Cannes exit.

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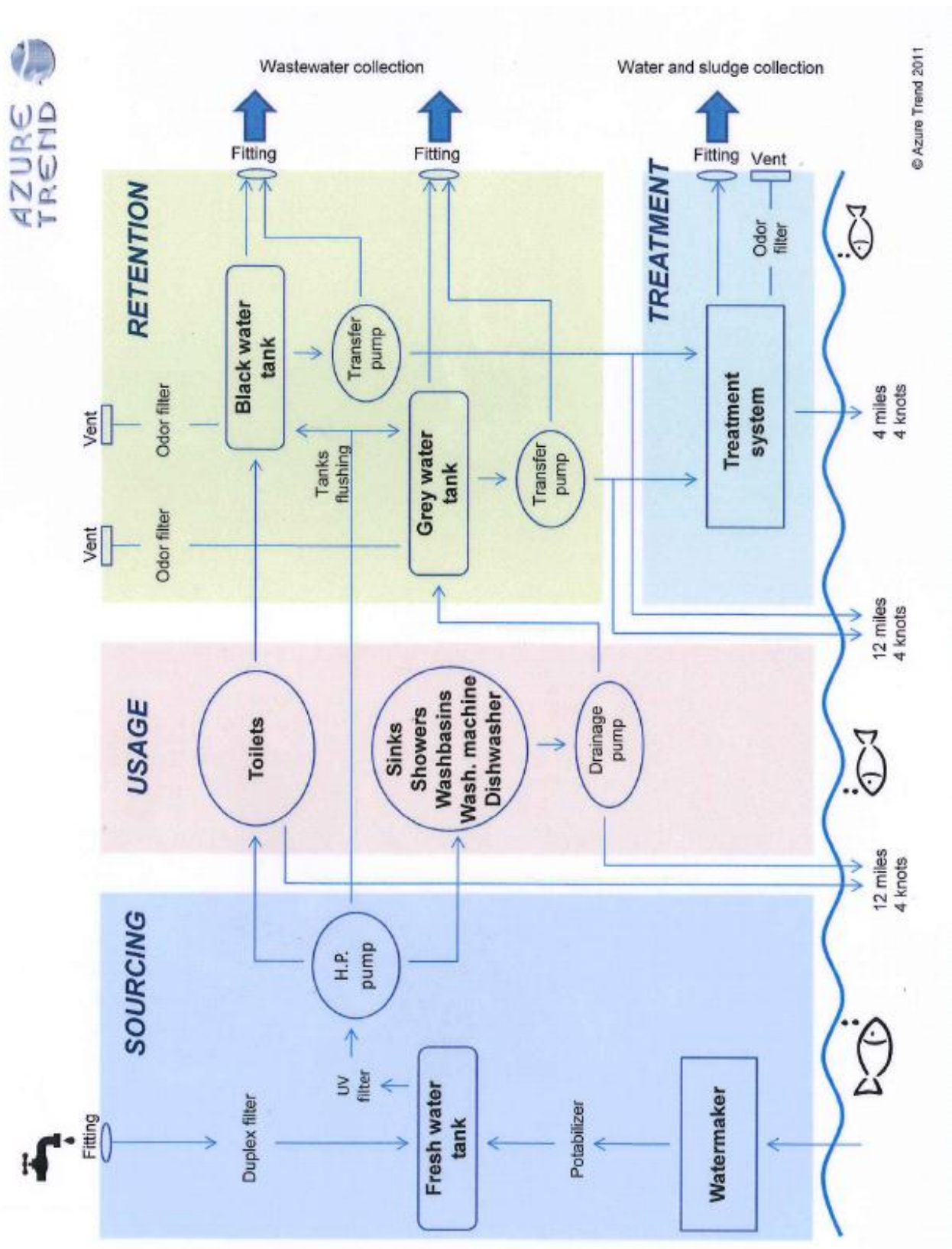
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Circuit diagram of water



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CHAPITRE 1 : WATERMAKER CONSUMBALE



- TECNICOMAR
- HRO
- OTHER WATERMAKER
- CARTDRIGES
- MEMBRANE
- OIL
- POTABILIZER

WATERMAKER TECNICOMAR

○ Sailor



Sailor compact 1500+touch+screen display



Sailor MD 600

Sailor Compact is a fully automatic Reverse Osmosis watermaker mounted in a compact stainless steel frame, can easily fit in small spaces available aboard sailing and motorboats. Also available as Slim configuration -with separate components- and MD -L frame-. Standard automatic pressure regulation. Low noise operation. No operator requested. The electronic control panel allows the simple control of all functions.

The watermaker can also work in manual mode.

<i>Model</i>	<i>Production per hour(L)</i>	<i>Voltage, Frequency</i>	<i>Dimension (cm)</i>	<i>Weight (kg)</i>	<i>Reference</i>
SAILOR COMPACT 200	35	230V-1.5Kw *	75 x 52 x 36	49	AR21160
SAILOR COMPACT 400	70	230V-1.5Kw *	75 x 52 x 36	52	AR21161
SAILOR COMPACT 600	100	230V-1.8Kw *	75 x 52 x 36	55	AR21162
SAILOR COMPACT 1000	160	230V-1.8Kw *	117 x 52 x 36	64	AR21163
SAILOR COMPACT 1500	220	230V-1.8Kw *	117 x 52 x 36	68	AR21164
SAILOR MD 200	35	230V-1.5Kw *	68 x 31 x 60	48	AR21165
SAILOR MD 400	70	230V-1.5Kw *	68 x 31 x 60	50	AR21166
SAILOR MD 600	100	230V-1.8Kw *	68 x 31 x 60	52	AR21167
SAILOR MD 1000	160	230V-1.8Kw *	117 x 31 x 60	62	AR21168
SAILOR MD 1500	220	230V-1.8Kw *	117 x 31 x 60	66	AR21169

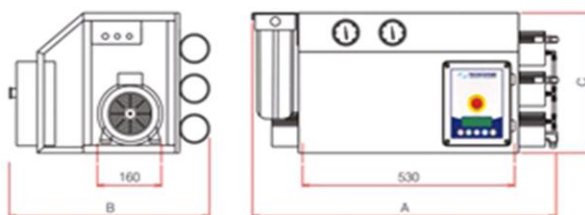
* other voltage available on demand

Sailor Compact / MD / Slim



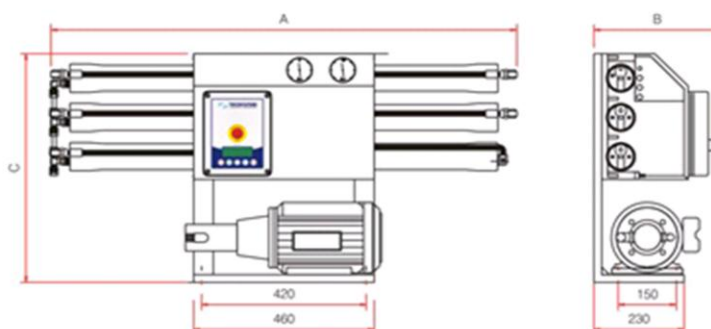
SAILOR COMPACT 1500

Sailor Compact



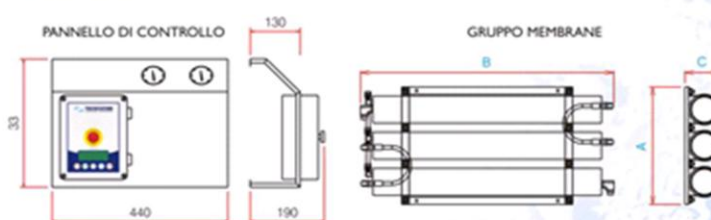
SAILOR MD 600

Sailor MD



SAILOR SLIM 1500

Sailor Slim



Dimensioni gruppo membrane (mm)

SAILOR SLIM

A B C

150 680 95

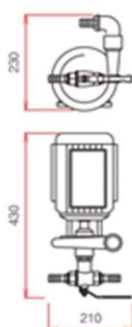
240 680 95

340 680 95

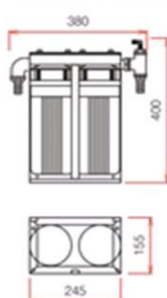
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340 1170 95

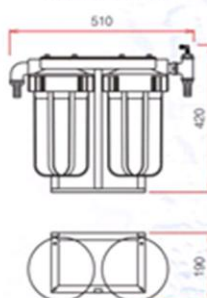
POMPA DI ALIMENTAZIONE



PREFILTRI
SLIM/MD 200 / 400 / 600



PREFILTRI
SLIM/MD 1000 / 1500



POMPA DI ALTA PRESSIONE



○ SW



Sailor Compact is a fully automatic Reverse Osmosis watermaker mounted in a compact stainless steel frame, can easily fit in small spaces available aboard sailing and motorboats. Also available as Slim configuration -with separate components- and MD -L frame-. Standard automatic pressure regulation. Low noise operation. No operator requested. The electronic control panel allows the simple control of all functions.

The watermaker can also work in manual mode.

<i>Model</i>	<i>Prod (l/H)</i>	<i>Voltage/ Puissance d'utilisation</i>	<i>Dimension (mm)</i>	<i>Poids (kg)</i>	<i>Référence</i>
STDC SY 3000	600	400V AC – 5.5Kw *	1500 x 750 x 720	160	Nous contacter
STDC SY 4500	800	400V AC – 5.5Kw *	1500 x 750 x 720	180	Nous contacter
STDC SY 6000	1000	400V AC – 7.5Kw *	1500 x 750 x 720	210	Nous contacter
STDC SY 9000	1500	400V AC – 11Kw *	1930 x 980 x 1040	300	Nous contacter
STDC SY 12000	2000	400V AC – 11Kw *	1930 x 980 x 1040	360	Nous contacter
SW8-72	3000	400V AC – 15Kw *	2890 x 950 x 1380	720	Nous contacter
SW8-100	4000	400V AC – 22Kw *	4000 x 950 x 1380	800	Nous contacter
SW8-150	6000	400V AC – 22Kw *	4930 x 950 x 1380	1200	Nous contacter
SW8-250	10000	400V AC – 45Kw *	5950 x 950 x 1380	1800	Nous contacter

* other voltage available on demand

○ Oasi (less power consumption 80%)



Oasis is a reverse osmosis desalination plant with low power consumption: thanks to its energy recovery allows energy savings of up to 80% compared to conventional desalination plants. It can be powered by batteries, solar or wind power.

Oasis is available in a compact stainless steel and Slim modular version, and is ideal for all sailing and motor boats. It has carbon fiber vessels certified by TÜV. The electronic management allows control of all functions with absolute simplicity: LCD display shows the quality of water produced, temperature, and hourly production. The pressure setting is automatic. On request, the system can be supplied with remote control and an activated charcoal filter.

<i>Model</i>	<i>Prod (l/H)</i>	<i>Supply/installed power</i>	<i>Weight (kg) (mod. Compact)</i>	<i>Conso. (amps)</i>	<i>Code</i>
OASI 30	35	12/24 DC -0.2Kw	42	14 (12V) / 8 (24V)	AR21170
OASI 60	60	12/24 DC 0.55Kw	46	38 (12V) / 20 (24V)	AR21171
OASI 90	90	12/24 DC 0.55Kw	50	42 (12V) / 22 (24V)	AR21172

Also available on modular system

○ Basic

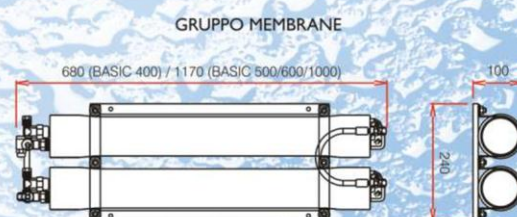
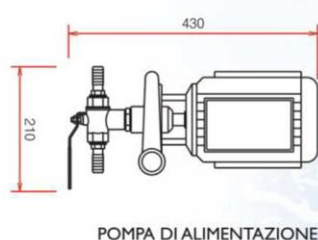
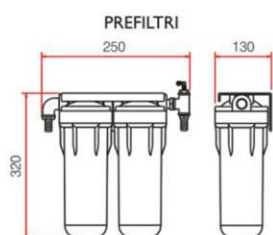
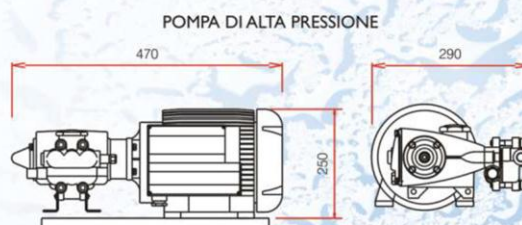
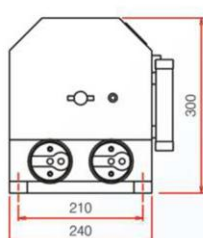
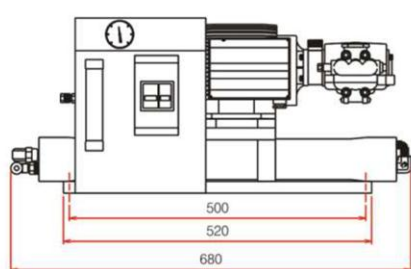


Essential 400 is very easy to use, reliable and resistant. The watermaker is mounted in a solid structure made of stainless steel. The light and resistant carbon fibre pressure vessels (TÜV certified) are installed on the base of the watermaker. Electrical power consumption: 4.5 Ampère. Also available in Slim configuration, with single components for an easy installation in tight spaces.

Available with different electrical voltages and frequencies, on demand



<i>Model</i>	<i>Prod (l/h)</i>	<i>Supply/installed power</i>	<i>Dimension (mm)</i>	<i>weight (kg)</i>	<i>reference</i>
Basic 500 slim	80	230V AC -1.5Kw *	-	33	
Basic 1000 slim	160	230V AC -1.55Kw *	-	35	AR21344



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WATERMAKER HRO

○ Seafari

System very compact

Production between 25 and 55 liters per hour



Model	Prod (l/H)	Supply/Consumption	Weight (kg) (mod. Compact)	Dimension LxH	reference
Mini 170	25	24V / 14A	32	710x313	AR21574
Mini 350	55	230V / 6.5A	40	710x388	AR21575

* autres voltage disponible sur demande

○ Seafari escape

Production between 30 and 95 liters per hour (specify the electric supply at the order)

Seafari SEC modèle compact



Seafari SEM modèle modulaire less power consumption 80%



SEC ou SEM	Model	Voltage supply	Production L/H	amperage	Weight (KG)	Dimensions LxH	Reference
SEC*	200	220	32	2.5A	51	710x310	AR21576
SEM							
SEC*	400	220	63	3.3A	53	1192x370	Contact us
SEM							
SEC*	600	220	95	6A	54	1192x370	Contact us
SEM							

* specify the model, modal or compact at the order

○ Seafari SFC ou SFM



For multi-use facilities.
This system is the ideal equipment for sailboats and powerboats with small and medium sizes. Thanks to its modular design and compact, it is easy to install even when space is limited.

Seafari SFM modèle modulaire

Type	Model	Production l/h	Weight	Dimensions LxHxP	Reference
SFM/SFC*	450/1V	70	54	711x331x381	AR21577
SFM/SFC*	700/1V	110	57	965x331x381	AR21578
SFM/SFC*	900/1V	140	62	1192x331x381	AR21579
SFM/SFC*	900/2V	140	62	711x331x381	AR21580
SFM/SFC*	1400/2V	220	67	965x331x381	AR21581
SFM/SFC*	1800/2V	285	68	1192x331x381	AR21582

* specify the model, modal or compact at the order

○ Accessories



Pack cruiser

Particule filter + separator filter
+ washing kit + carbon filter

Réf : **Contact us**



Pack voyageur

Particule filter + separator filter
+ washing kit + carbon filter +
remote control

Réf : **Contact us**

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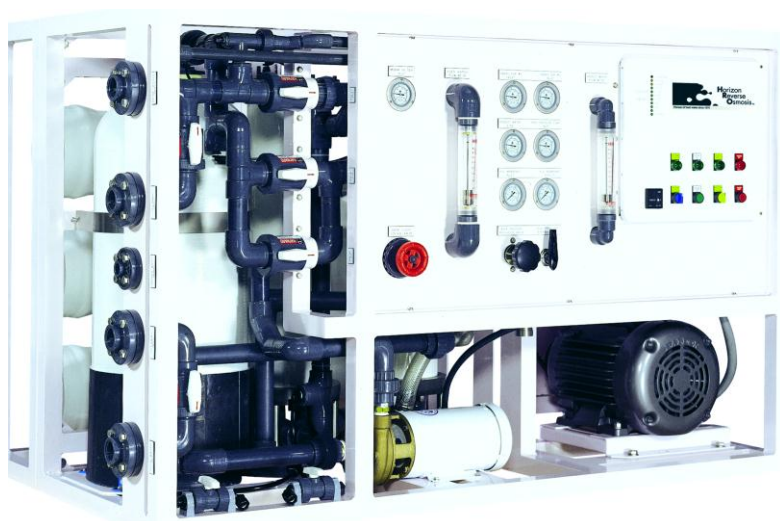
watermaker for méga yachts

○ Système horizon coral seal



Desalination unit high production
Power supply: 220V or 380V, 1 or 3 phase, 50 or 60 Hz (specify when ordering)
We advocate a validation of the installation and start-up by a certified installer.

○ Système tasman sea



production of 867 to 3312 L per hour
Power supply 220/380V, 1 or 3 phase, 50 or 60 Hz (specify when ordering)

OTHER WATERMAKER :

Contact us for all other brands , Sea Recovery, HRO, Spectra, Marinco, Idromar



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PLEATED FILTERS :

Cartouches haut de gamme lavable et nettoyable

○ PENTEK



<i>Reference</i>	<i>Model</i>
AR 20777 *	Pleated filter 5μ PENTEK 9"3/4
AR 20776 *	Pleated filter 20μ PENTEK 9"3/4
AR 21053 *	Pleated filter 50μ PENTEK 9"3/4

<i>Reference</i>	<i>Model</i>
AR 20753 **	Pleated filter 5μ BigBlue PENTEK 9"3/4
AR 20754 **	Pleated filter 20μ BigBlue PENTEK 9"3/4

○ STANDARD

<i>Reference</i>	<i>Model</i>
AR21080 *	Pleated filter 5μ STANDARD 9"3/4
AR21081 *	Pleated filter 20μ STANDARD 9"3/4
AR21082 *	Pleated filter 50μ STANDARD 9"3/4

<i>Reference</i>	<i>Model</i>
AR21077 **	Pleated filter 5μ BigBlue STANDARD 9"3/4
AR21078 **	Pleated filter 20μ BigBlue STANDARD 9"3/4



* Compatible : Spectra, Aqua Base, Echo Tec, Marinco, Tecnicomar, Sea Recovery, Schenker

** Compatible : tecnicomar, HEM, Sea Recovery



Polywound filter :



○ STANDARD

<i>Reference</i>	<i>Model</i>
AR21083	Polywound filter 5μ STANDARD 9"3/4
AR21084	polywound filter 25μ STANDARD 9"3/4

○ IDROMAR

<i>Refernce</i>	<i>Model</i>
AR20876	Polywound filter 5" 5μ
AR20876	Polywound filter 5" 25μ



We can source filters for all brands of watermakers and spas on demand, contact us

Melblown filter :



<i>Refernce</i>	<i>Model</i>
AR21121	Extruded filter 5μ STANDAR 9"3/4
AR21122	Extruded filter 25μ STANDAR 9"3/4
AR 21139	Extruded filter + charbon actif 9 3/4 10μ

Carbon filter :



<i>Reference</i>	<i>Model</i>
AR 20778 *	carbon filter 5μ PENTEK 9"3/4
AR 20758 **	carbon filter 5μ BigBlue PENTEK 9"3/4
AR 21178	Carbon filter STANDARD 9"3/4
AR 21179	Carbon filter STANDARD 9"3/4 BigBlue

Membranes :



<i>Reference</i>	<i>Model</i>
AR20752 *	Membrane SW2540
AR21104 *	Membrane SW2521
AR21105 *	Membrane SW4040

Huile :

Oil for watermaker high pressure pump



<i>Reference</i>	<i>Model</i>
AR20985	Hydrolic oil 1L

Potabilizer

Include in the kit :

- 1 tank 8x35 / 25 liters
- 1 dispensing head E/S : 3/4"
- 1 bag 16 L. (25kg) AQUA JURAPERLE



Caractéristiques :

- 1 bag can treat 70-80 m³
- Flow rate : 200L/min

Référence : AR21551

Spare parts :

- Bag of 16L (25kg) : **AR21598**
- Flow meter : **AR21599**



Available in other capacity



**ECO
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Ecodist offers you a wealth of experience in the selection, sourcing and supply of the equipment needed to fulfill all your water system need.

**ECO
NORM**

The leader in the manufacturing, installation, maintenance and repair of your water system

**ECO
TANK**

The clean and mobile solution for discharging your black, grey and bilge water, fuel transfer and treatment, both in port and at anchor

*Pour que l'eau reste bleue
Keeping the water blue*



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CHAPITRE 2 : FILTRATION SYSTEMS



- **FILTRATION SYSTEMPS**
- **HIGH FLOW FILTERS**
- **SEA WATER FILTERS**

Filtration systems :

Key filters

○ BFS filter

Perfect for filtration of fresh and sea water.
Mounted on stainless steel

Le BFS 1 – one filter housing with single or double filtration cartridges 10" and 20"

BFS 2 – two filter housing with single or double filtration cartridges 10" and 20"

BFS 3 - three filter housing with single or double filtration cartridges 10" and 20"

for the model 2 and 3 BFS we suggest to combine a single or double filtration cartridge and one with activated carbon



<i>Model</i>	<i>Flow/heure maxi</i>	<i>Weight (kg)</i>	<i>DIMENSIONS L-l-h (cm)</i>	<i>Code</i>	<i>Public Price HT</i>
BFS 2 10"	9000	6	28 x 15 x 37	AR21253	210.00€
BFS 3 10"	9000	8	42 x 15 x 37	AR21254	250.00€
BFS 1 10" BB	16000	5	19 x 22 x 40	AR21255	250.00€
BFS 2 10" BB	16000	8	38 x 22 x 40	AR21256	240.00€
BFS 3 10" BB	16000	12	58 x 22 x 40	AR21257	320.00€
BFS 1 20" BB	16000	7	19 x 22 x 67	AR21258	295.00€
BFS 2 20" BB	16000	10	38 x 22 x 67	AR21259	320.00€
BFS 3 20" BB	16000	14	58 x 22 x 67	AR21260	425.00€

○ Filtration and polyphosphate protection compound

Complete waterproof double filter, assembled.

- Polypropylene caps.
- Transparent filter holder in acrylonitrile styrene.
- 20 microns filtration cartridge, item number 517510 and polyphosphates cartridge, item number 527509
- Working pressure: from 0 to 6 bars (bursting 30 bars).
- Water temperature: from 5 to 35°C.
- Max.instantaneous flow: 3000 l/h.- Capacity: up to 180 m³.
- Water quality: up to 40°F or 20°dH.
- Inlet/Outlet 3/4" brass
- Integrated air bleeds in the heads.
- Attachment by double bracket
- Filter holder cap wrench for dismantling the cartridge.



E/S	high	Reference
3/4" mâle	9"3/4	AR21460

Spare parts :

Désignation	Référence
Carbon filter PENTEK 9"3/4	AR 20778
Polyphosphate filter Basic Eco	AR21464
Charging bag polyphosphates Basic Eco 400g	AR21467
Charging bag polyphosphates 1kg	AR21466

Tap mini filter



Réf : AR21458

The Altipur mini tap filter integrates perfectly into all kitchens and produces high-quality, healthy and tasty water straight from the tap.

Ideal for drinking, herbal teas and cooking preparations, it removes the bad taste of chlorine, impurities and pollutant and micro-filters bacteria.

Its microporous structure with 3 filtration levels filters the water without modifying its chemical composition (mineral salts, oligo-elements). This filtration has the advantage of preserving the water's natural richness and allows you to economise on bottled water.

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❖ Spare cartridge

Réf : AR21459

○ TFD filter

The TFD filter represents an exclusive water filtration based on a swirl effect.

That allows a drastic reduction in the number of wash water, energy and labor costs.

The swirl is obtained by means of a propeller at the filter. The propeller creates a twisting motion to the incoming flow. The suspended particles are moved against the wall centrifuging away from the filtering element.

This reduces the frequency of washing.

APPLICATIONS:

Used for filtration of all types of water.

Application in marine sector, industrial processes, agricultural landscape gardening, etc.

BENEFITS:

- Filtration system with a helical flow
- Modular, versatile and easy to maintain
- Made of reinforced nylon with fiberglass
- Saves water and energy
- High resistance to clogging
- Easy and quick connection
- Hydrocyclone effect

Automatic version available with automatic backflush to maximize water savings and reduce maintenance costs, and semi-automatic version.



<i>Model</i>	<i>Flow (m³/heure) 50μ - 20μ</i>	<i>Supply</i>	<i>DIMENSIONS A-B-C (mm)</i>	<i>Code</i>
TFD SEMI-AUTOMATIC	17 - 8	230V AC – 12V DC	52 x 25 x 100	AR21251
TFD AUTOMATIC	14 - 7	230V AC – 12V DC	80 x 22 x 150	-

Sea water filter

Applications: cooling sea water. They are installed on the motor water intake. Body in nickel-plated brass, cover in transparent polycarbonate. Stainless steel AISI 316 f

<i>Connections (H)</i>	<i>Delivery (L/h)</i>	<i>Dimension</i>	<i>Materials</i>	<i>Weight (kg)</i>	<i>Reference</i>
1/2"	1740	Ø 110 x 140	Laiton plaqué	2.5	AR19561
3/4"	2880	Ø 146 x 160	Laiton plaqué	3	AR19562
1	4580	Ø 146 x 160	Laiton plaqué	3.5	AR19563
1" 1/4	6000	Ø 170 x 215	Laiton plaqué	6	AR19564
1" 1/2	7200	Ø 170 x 215	Laiton plaqué	6	AR19565
2"	86040	Ø 188 x 235	Laiton plaqué	6	AR19566
2" 1/2	12000	Ø 230 x 280	Laiton plaqué	12	AR19567
3"	15400	Ø 230 x 315	Laiton plaqué	15	AR19568
4"	20000	Ø 220 x 410	Laiton plaqué	18	AR19569

<i>Connections (V)</i>	<i>Delivery (L/h)</i>	<i>Dimension</i>	<i>Materials</i>	<i>Weight (kg)</i>	<i>Reference</i>
3/4"	3000	Ø 108 x 143	Laiton plaqué	3	AR19569
1"	5000	Ø 108 x 143	Laiton plaqué	3.5	AR19570
1" 1/4	8000	Ø 134 x 175	Laiton plaqué	6	AR19571
1" 1/2	12000	Ø 134 x 175	Laiton plaqué	6	AR19572
2"	19000	Ø 165 x 210	Laiton plaqué	6	AR19573

*available in cover bronze, homologate RINA.



- **high flow filter**



Filtre à nettoyage manuel



Filtre à nettoyage automatique



Filtre à tamis

Our filter range comprises 3 types of filter:

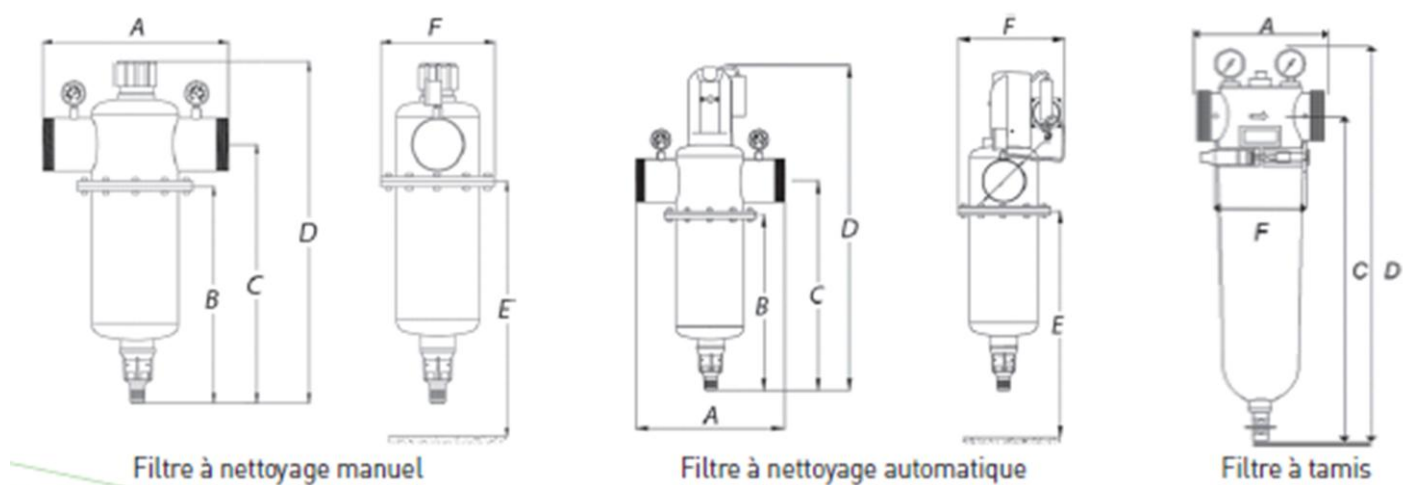
- Manual cleaning filters: these 150 μm filters are quick to clean, with no need to remove the filter mesh. The filter cartridge is backwashed and brushed manually to remove pollution accumulated during the filtering process.
- Automatic self-cleaning filters: The principle is the same as for manual cleaning, but the cleaning is motor-powered and carried out either at a selected time interval (between 2 and 48 hours, depending on the model), or by measuring the pressure drop across the filter (cleaning activated for a drop of 0.5 bar).
- Polypropylene filter meshes are used. These filter to 25 μm and the meshes should be changed at regular intervals between 3 and 6 months, depending on use).

Technical characteristic

- Filtering 25 to 150 μm , depending on technology.
- Very high rate filters (from 5 to 35 m^3/h).
- Recommended service pressure: 4 bars.
- Max. pressure: 10 bars.
- Water temperature range: 5 to 40 $^{\circ}\text{C}$.
- Ambient temperature range: 5 to 40 $^{\circ}\text{C}$.
- Pressure drop: max. 0,2 bar.

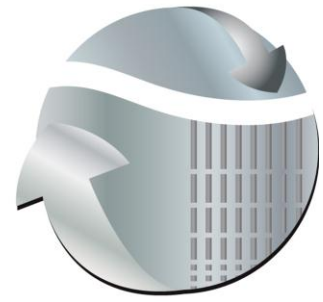
Model	Thread	Filtering	Reference
Manual cleaning filter	1"	90μ	AR21424
Automatic self-cleaning filters	2" 1/2	50/200μ	AR21408
Mesh filter	1" 1/4	25μ	AR21416

Model	Reference
Mesh spare for manual cleaning filter	AR21407
Inox cartridge for automatic filter 1" 1/2	AR21414
Inox cartridge for automatic filter 2" 1/2	AR21415
Mesh spare for mesh filter 25μ	AR21420



Model	A	B	C	D	E	F
Manual cleaning filter	185		270	355	400	
Automatic self-cleaning filters	310	360	430	570	650	190
Automatic self-cleaning filters	310	360	430	700	650	220
Mesh filter	270		310	380		123

AZURE TREND



Our Mission

Trend Azure was created to reduce environmental damage caused by the uncontrolled discharge of polluted water into the sea, lakes and rivers.

Azure Trend strives to :

- Develop new services to ships and ports to reduce environmental impact of boating.
- Assist boat owners to better manage their waste water, so environmental and regulatory compliance.
- Awareness of the importance of taking care of our marine environment.



CHAPITRE 3: WATER TREATMENT SYSTEMS

- WATER SOFTNER
- UV GENERATOR
- ANTISCALE SYSTEMS
- WATER TREATMENT UNIT
- POTABILIZER

- **Water softeners**

Water Softeners

The water softeners are ideal for washing boats, cars, trucks and large vehicles by eliminating calcium from water; no annoying white spots will appear on the cleaned surfaces.

The water softeners reduce cleaning time, the consumption of detergent and makes drying of cleaned surfaces superfluous. Scaling in pipes and appliances is avoided, too.

With the passage of water through a bed of synthetic resins, salts of calcium and magnesium are retained, thus eliminates excessive hardness.

Simple and functional, composed of a container for resins, one for salt, a programmable control unit (automatic models) and a flow meter: you just have to add salt time to time.

The resin regeneration is automatic by cyclic flushing with saturated salt solution contained inside connected to the softener.



Model	Flow (m3)	Conso. sel	Diam. tank	Weight (kg)	reference
SPF 10	1	1	260 x 190 x 1000	18	AR21261
SPF SEMI-AUTO	1	1	520 x 300 x 730	24	AR21262
AD/APX/12/2	1.2	1.5	400 x 180 x 1100	45	AR21263
AD/BTD 18	1.2	2	210 x 210 x 700	32	-
AD/BTD 28	2	3	260 x 260 x 1100	42	-

UVC generator

The UVEO range comprises systems that act against micro-organisms that may accidentally exist in drinking water, such as bacteria, viruses, fungi or mould.

The treatment principle is based on UVC properties. UVC kill both germs and bacteria. Any living cell can be destroyed by UVC radiation on a wavelength of 253.7 nm.

These devices are also available equipped with a cell of measure UVC allowing to control the radiation of the UV lamp.

They can be also equipped optional of faucets grips samples to realize samplings before and after treatment



Model	Litres/H	Reference
Uveo 36	2000	AR21425
Uveo 55	3000	AR21426
Uveo 95	5000	AR21427

Spare parts

Model	Reference
Lampe pour Uveo 36	AR21432
Lampe pour Uveo 55	AR21433
Lampe pour Uveo 95	AR21434
Adaptateur 12V pour Uveo 36,55,95	AR21431

TECHNICAL CHARACTERISTICS

- Power supply required 230 V - 50 Hz + earth.
- Case in 304 L stainless steel.
- Low pressure UVC lamp.
- Electronic ballast.
- Lamp should be changed once per year (every 9000 hours of operation).
- Fuse: F. 5 x 20 T 1A.
- Pure silica quartz.
- EPDM and silicone seals.
- Water pressure: 2 to 5 bars (max.). Install a pressure reducer if water pressure exceeds 5 bars.
- Module mounted on chamber (saves space).
- Package dimensions: 609 x 46
- Lamp operation indicator

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Electronic anti-scaling



- Removes existing scaling by gradually decomposing it.
- Prevents further scaling deposits, thus protecting the entire system, including pipes.
- Helps remove deposits due to water evaporation (by wiping off, not by abrasion) on sinks, washbasins and taps, etc.
- Allows water heaters to remain efficient and maintain output performance.
- The water, without being softened, is not chemically treated in any way and conserves its original mineral content. It remains drinkable and conserves its original calcium carbonate and mineral salts content that is beneficial for health.
- The scale preventer doesn't use salts and therefore doesn't release sodium into the water. No servicing or consumable ingredients are required.
- Operation does not involve any increase in water consumption.
- Low electricity consumption: 4.5 kW per month, i.e. less than one euro per month.
- Easy to install on new or existing pipe systems.
- Compact.

model	Max flow (L/h)	Thread	Cold water/ hot	Reference
Inhibiteur 5106	3000	1"	Oui/oui	AR21439
Inhibiteur 5150	7000	1" 1/2	Oui/non	AR21440
Inhibiteur 5180	15000	2"	Oui/non	AR21441

Technical characteristic

- Service pressure: from 0 to 4 bars (relative).
- Max flow: 3000 l/h.
- Fuse: 63 mA timed.
- Electrical rating: max 10 VA.
- Waterproofing: IP 31.
- Water temperature range: +5 to +70 °C.
- Connection to single phase mains supply 230 V AC 50/60 Hz + earth.
- Protected against mains overvoltages.
- Descaling treatment power selector:
 - position 1 for water with TH < 25 °F,
 - position 2 for water with TH ≥ 25 °F.
- Water hardness accepted up to 60 °F or 34 °HD.
- Connections: ¾" or 1" depending on model.
- No pressure drop.
- Elements in contact with water in special grade steel.

Central treatment unit

○ 5 in 1



The 5 actions of the unit

- Eliminates scaling and descales the system by electrical fields.
- Filters water and traps pollution by fine filtering.
- Eliminates the unpleasant chlorine taste by adsorption.
- Reduces the presence of pesticides and herbicides.
- Disinfects the water by killing the micro-organisms by UVc radiation.

Référence : AR21600

Installation

The unit is installed on the incoming water supply and treats the water for the boat.

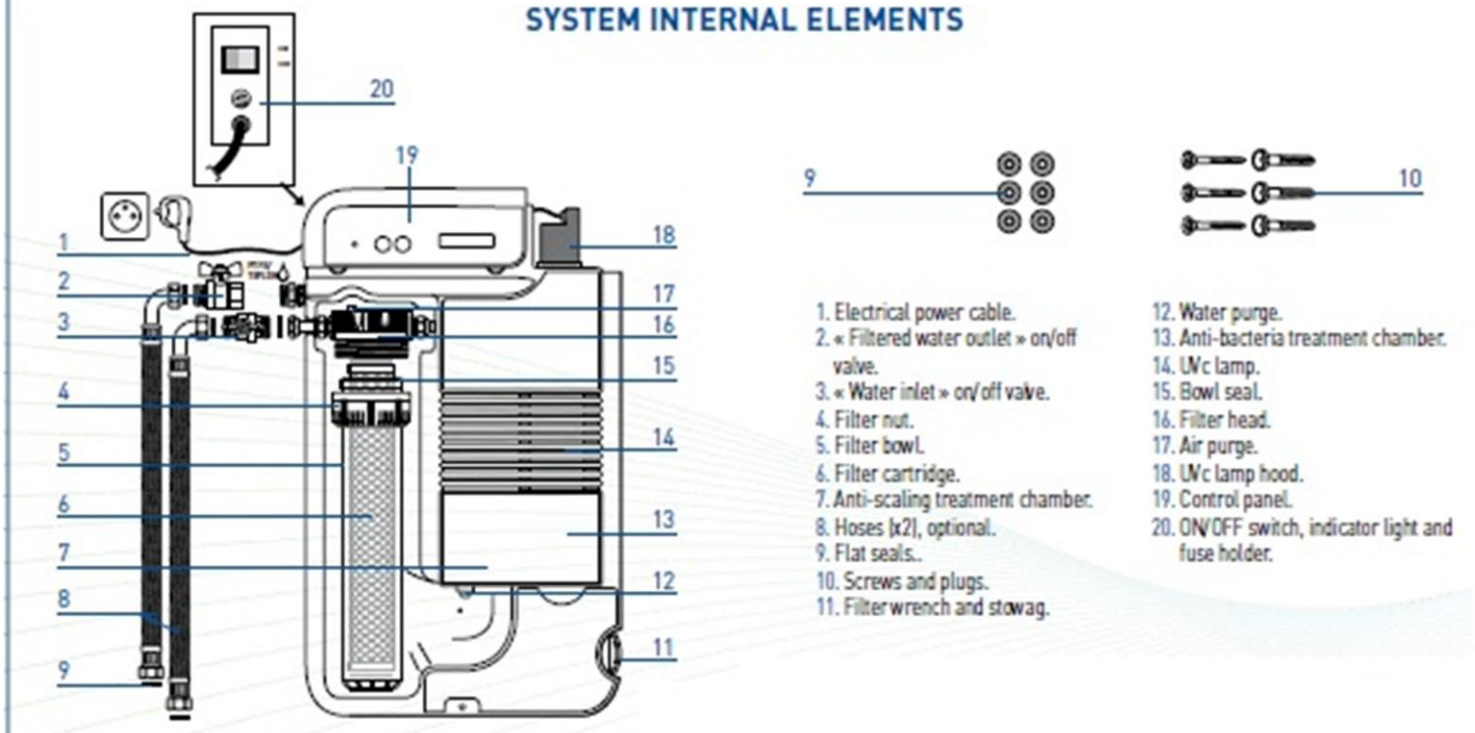
The installation is detailed, step by step, in the technical manual.

When the water system has been installed, starting up the unit treats the water in your system immediately

Maintenance

Little maintenance is required. Only the UVc lamp and filter cartridge should be changed annually

SYSTEM INTERNAL ELEMENTS



Potabilizer

Include in the kit :

1 tank 8x35 / 25 liters

1 dispensing head E/S : 3/4"

1 bag 16 L. (25kg) AQUA JURAPERLE



Caractéristiques :

1 bag can treat 70-80 m³

Flow rate : 200L/min

Référence : AR21551

Spare parts :

Bag of 16L (25kg) : **AR21598**

Flow meter : **AR21599**



Available in other capacity

CHAPTER 4 : SEWAGE TREATMENT SYSTEM

- **ECOMAR**
- **STP FACET**
- **WAVEBRITE**
- **WAVESTREAM**
- **OIL SEPARATOR FACET**

SEWAGE TREATMENT SYSTEM:

ECOMar

ECOMar is able to treat grey and black water in compliance with international standards and to render it dischargeable directly into the sea, without solid residues. The chemical-physical reactions inside disinfect the water and reduce the sediment dimensions so that the water becomes clear and odorless and can be discharged directly overboard. At the end of every cycle takes place an automatic washing of the tank with clear sea water treatment. ECOMar is built with a central body made in strong polypropilene mounted on a steel chassis. The LCD electronic control panel with microprocessor manages all the functions of the system, automatically. Very low electric absorption. No operator requested. The system can work also in emergency mode.



MAIN ADVANTAGES:

- POLLUTION FREE: the disinfectant liquid does not release poisonous substances
- NO RESIDUALS ON BOARD: consequently the installation of a sludge tank is not required
- EASY TO USE: totally automatic with possibility to operate it manually in emergency
- COMPACT: designed to work in small engine rooms
- VERSATILE: available at 24 V d.c. and 230/400 V a.c. Other voltages and frequencies available.



Discharge at sea, 4 miles out at 4 knots !

Technical Features :



ECOMAR 120



ECOMAR 50

	ECOMAR 120	ECOMAR 50	ECOMAR 24
Treatment capacity (L/day)	50000	21000	10000
Work cycles per hour	4	4	4
Power supply	230 /400 V AC	230 /400 V AC	230 /400 V AC
Installed power (Kw)	5.5	1.5	1.1/1.5
Max absorption (A)	12A (400 V AC)	4.5A (400 V AC)	7A (230V AC) 4.5A (400 V AC)
Total capacity (L)	1358	483	248
Central unit dimensions (mm)	1390 x 1100 x 1350	1230x820x810	970x720x720
Tank dimensions (mm)	1300 x 850 x 1200	1150 x 600 x 700	850 x 470 x 620
Central unit weight (kg)	250	120	80
Reference			



ECOMAR 24



ECOMAR 16



ECOMAR 8



ECOMAR 6

	ECOMAR 16	ECOMAR 8	ECOMAR 6
Treatment capacity (L/day)	6000	4000	2300
Work cycles per hour	4	4	4
Power supply	230 /400 V AC	230 /400 V AC / 24 DC	230 /400 V AC / 24DC
Installed power (Kw)	1.1 / 1.5	0.35/0.55	0.35/0.55
Max absorption (A)	7A (230V AC) 4.5A (400 V AC)	18A (24V DC) 4A (230V DC) 2A (400V DC)	18A (24V DC) 3.5A (230V DC) 2A (400V DC)
Total capacity (L)	160	127	81
Central unit dimensions (mm)	770 x 590 x 710	730 x 510 x 690	500 x 500 x 680
Tank dimensions (mm)	710 x 390 x 650	660 x 320 x 600	450 x 300 x 600
Central unit weight (kg)	70	40	30
Reference			

- **Spare parts for centrale of treatment**

Model	Quantity	Type of centrale	Reference
Chlorine	20 Litres	Hamann	AR21700
Hydrogen peroxyde	20 Litres	Ecomar	AR21366

- **Hamann systems**

We can supply the spare parts for Hamann centrale and make the maintenance of your unit
if you need more information, please contact us.

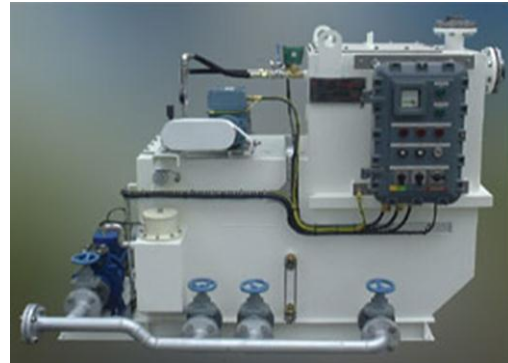


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06370 Mouans Sartoux
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contact@eco-dist.com



SEWAGE TREATMENT PLANTS :

Série STP Marine TREATMENT PLANTS



Facet Sewage Treatment Plants STP Series for marine applications are designed for the treatment of black waters (coming from W.C., urinals and hospital) and grey waters (sinks, showers, laundry and galley) generated onboard ships. This treatment consists in the purification and later disinfection of waters in order to achieve a quality effluent meeting all requirements. These plants treat sewage by biological means, this is that they are of the active sludge, prolonged aeration, aerobic type. The plants are built in a single steel module to ease transportation and onboard installation. Inside this module, three chambers (aeration, settling and disinfection) especially designed, have been arranged in order to guarantee its correct operation and to avoid sludge generation. Each chamber has been provided with the necessary access and inspection register. The air diffusers are located in the aeration chamber and they produce both oxygenation and shaking of the liquid to be treated. Due to the special design of the settling chamber, the active sludge inside it is separated from the effluent and automatically recirculated to the aeration chamber. Both, the clarified liquid and grey waters reach the disinfection chamber where a chlorine solution is dosed in order to remove fecal coliform bacteria. Once disinfection has taken place, the effluent is automatically or manually discharged overboard or into a different installation. Facet Sewage Treatment Plants STP Series meet Marpol Annex IV Requirements, 8(1)(b) and 9.1.1 Regulations, as well as IMO Resolution MEPC-2(VI), CE Standards 96/98/EC and 98/85/EC; and they do not generate sludge that should be later discharged. The Plants are supplied completely assembled and tested so that their installation onboard is very quick.

STANDARD FEATURES

- Meet IMO Resolution MEPC-2(VI)
- Certified by the Maritime and Coastguard Agency and the CE
- No sludge generation
- No odour generation
- Fully automatic operation driven by PLC
- Inside and outside Epoxy protective coating
- Aeration system compounded by a blower, an air supply pipe, bubble diffusers, a filter and an air relief valve
- Automatic sludge recirculation system
- Access and inspection registers in every chamber
- Electrical control panel, with IP-55 protection, including operation synoptic panel

OPTIONS

- Stand-by blower
- Stand-by discharge pump
- Chlorine solution dosing pump
- Grease trap



Discharge at sea.300 meters of the coast



ECOTANK, the clean and mobile solution for :

Discharging your black, grey and bilge water.

Fuel transfer and treatment

Both in port and at anchor

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WAVEBRITE systems

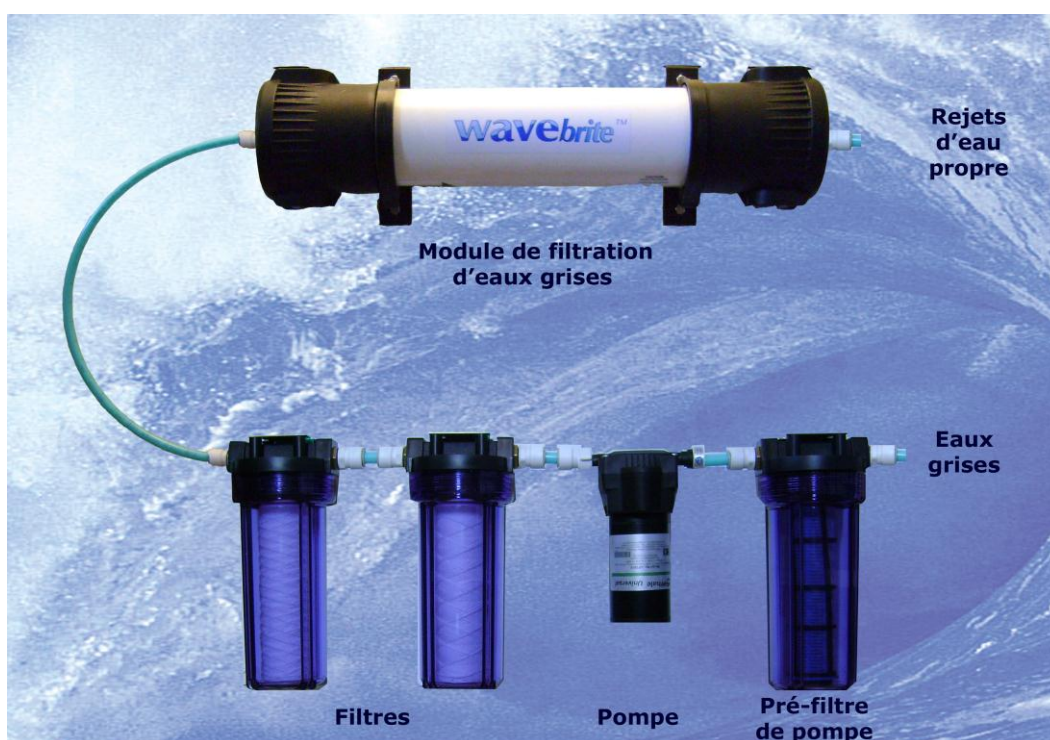


Wavebrite is an effective cleaning system for gray water. It combines three filtration technologies, more releases of this product meets the European directive on bathing water.

This system is easy to install and use thanks to its function fully automatic, no need totank or pump or store the gray water.

Filtration is carried out by four main elements. The module Wavebrite and filters are monitored at the point of filtration or remotely. Which provides maintenance and servicing simple.

This module eliminates odors in tanks and gray water pollutants. Gray water is treated on board, from source to disposal. Chemicals are also processed by the Wavebrite. Treatment of these pollutants is done at a minimum cost. In addition, phosphates are harmful wastewater disposal to reduce the toxic impact to the environment.



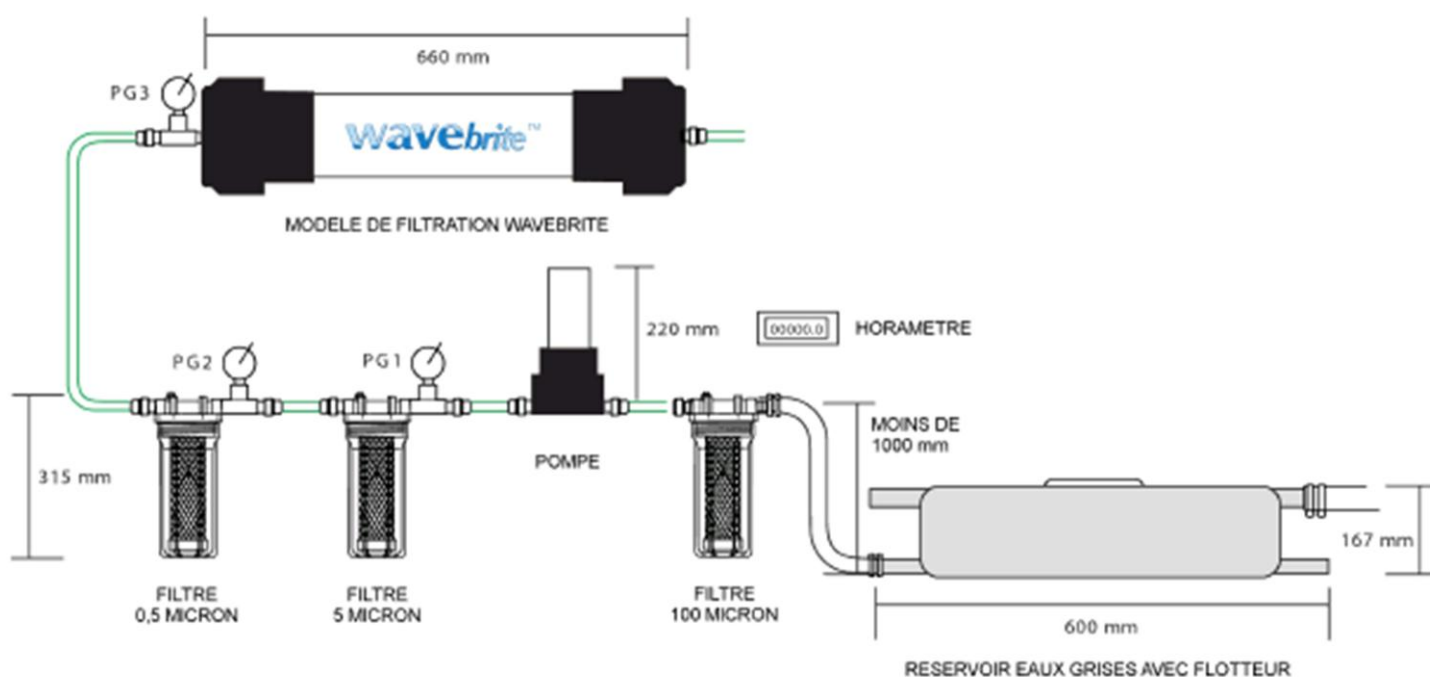
Technical spec. :

Flow	1-15 litres minutes
Pressure max	6.2 bars
Pressure max on filter	2 bars
Pressure max on modul wavebrite	4 bars
Temperature maximum	45°C
Temperature minimum	1°C

Le système de base est composé des éléments suivants :

- 1 modul WaveBrite
- 2 fixations for the modul WaveBrite
- 1 Cartridge WaveBrite (installé) type WB1
- 1 filter of **5 microns**
- 1 filter of **0.5 microns**
- 1 filter of **100 micron**
- 3 Y fitting
- 3 pressure gauge
- 1 hourmeter
- 1 pump in 12 or 24 volts
- 1 grey water tank of 16 litres
- 5 mètre de tuyau 15mm
- 1 mètre de tuyau 25mm
- 4 colliers de serrage

Product	Reference
Système Wavebrite	AR21533
Spare membrane	AR21534
Cartridge 0.5 microns	AR21535
Cartridge 5 microns	AR21536



WAVESTREAM

LLOYDS TYPE APPROVED BILGE WATER FILTER SYSTEMS

Wavestream prevents the discharge of oily bilge water into our seas and waterways.

Used by powerboats, yachts, superyachts, fishing boats, lifeboats, pilot and patrol boats, canal boats, ferries and ships. Inevitably bilge water can contain fuel, lubricating oil, grease, hydraulic and gear oil.

The International Convention for the Prevention of Pollution (MARPOL) states the allowable level of oil in discharged bilge water is between 0 ppm and 15 ppm.

A single drop of diesel oil in a litre of water is approximately 40 ppm !



Product	Flow rate	Pressure	T° max	T° mini	Connexion	Cartridge	Reference
WMS	40	10 bars	40°C	1°C	3/4"	WS-CM	AR21583

- Dimensions $\varnothing$ x h : 120 x 165 mm
- Réf. Cartouche : AR21587



Product	Flow rate	Pressure	T° max	T° mini	Connexion	Cartridge	Reference
WS1	40	10 bars	40°C	1°C	3/4"	WS-C1	AR21584

- Dimensions $\varnothing$ x h : 130 x 315 mm
- Réf. Cartouche : AR21588



Product	Flow rate	Pressure	T° max	T° mini	Connexion	Cartridge	Reference
WS2	265	6.8 bars	37°C	1°C	1"1/2	WS-C2	AR21585

- Dimensions $\varnothing$ x h : 180 x 350 mm
- Réf. Cartouche : AR21589



Product	Flow rate	Pressure	T° max	T° mini	Connexion	Cartridge	Reference
WS3	265	6.2 bars	37°C	1°C	1"1/2	WS-C3	AR21586

- Dimensions $\varnothing$ x h : 180 x 606 mm
- Réf. Cartouche : AR21590

BILGE WATER SEPARATOR :

CPS

3.2E+EBM14X1

New State-of-the-Art design.

Smaller volume: 0.53 m3 (18.7 cu.ft.).

Smaller working weight: 412 Kgs.

More treatment capacity: 17.28 m/day
(4,565 usg/day).

Doesn't use absorbents.

Better price.

IMO MEPC 107(49) APPROVED.

Through continuous research and development programs and designs based on easy maintenance and maximum efficiency, Facet International has developed the new CPS 3.2E + EBM 14x1. This model combines the classic Coalescing Plates FACET Mpak® technology with innovative membranes that accomplish high efficiency in chemical and mechanical emulsion breaking, being ahead of Facet's competitors in complying with the regulations in force on the treatment subject: IMO MEPC.107(49).

The equipment developed are compact, adaptable to the available space onboard, light weight and allow easy maintenance. The functioning is very easy and completely automatic, with all its functions controlled through a PLC

Contact us for the price

**Facet
International**



MAIN FEATURES

- The CPS 3.2E + EBM 14x1 is approved for a flow rate of 0.73 m3/n (3.2usgpm).
- This Bilge Water Separator is supplied ready to install, coming complete with pump, valves and control panel.
- With the exception of the pump and solenoid valves this Bilge Water Separator has no mobile components. The level control is fixed and has no float.
- Maintenance requirements are very low, being restricted to occasional hosing down of the plate packs, and disposable membrane replacement. Access for cleaning is extremely simple and easy to carry out.
- Separated hydrocarbon does normally contain less than 5% of water and this can be burned, if required.
- Oil discharge is facilitated by connection to the ship's pressurized clear water system.
- The electrical power is at 380/440 v, 50 or 60 Hz.

CERTIFICATION AND OPERATIONAL EXPERIENCE

Facet International CPS 3.2E + EBM 14x1 has been tested, approved and certified according to the requirements of IMO MEPC.107(49). Facet International's experience assures cost efficiency and working reliability.

RESULTS

CPS 3.2E+ EBM 14x1 unit removes hydrocarbons in two stages. In the first stage, free hydrocarbon is separated from water through FACET patented coalescent plate packs, in the second stage emulsions are broken by a membrane which removes emulsified hydrocarbon, reaching down an effluent with total hydrocarbon content of less than 15 ppm.

Spécialiste de l'eau à bord

EcoDist vous apporte ses nombreuses années d'expérience dans la sélection, l'approvisionnement et la fourniture de l'équipement nécessaire à tous vos besoins en systèmes d'eau.



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- Dessalinisateur • Pompes (Incendie, cale, eaux ...) • Potabilisateur
- Réservoirs • Système de filtration (filtre, UV, centrifuge...) • Toilettes
- Séparateurs d'eau de cale • Centrale de traitement des eaux usées
- Accessoires (filtres, membranes, vannes, tuyaux anti-odeurs...)

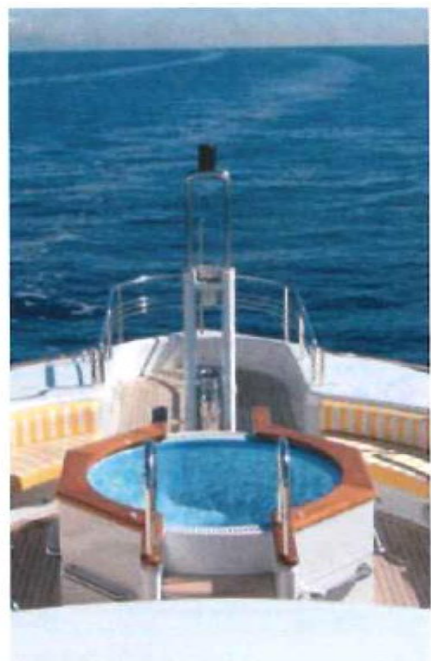
Nos techniciens sont à votre disposition pour la vente et le conseil.
Venez visiter notre show-room et nos entrepôts à 5mn de l'échangeur de Cannes.

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Spécialiste de l'eau à bord

Azure Trend présente EcoNorm, leader dans la fabrication, l'installation, la maintenance et la réparation de vos systèmes d'eau.

- Hammam, Jacuzzi, Dessalinisateur, Potabilisateur, Filtre UV
- Pompe, Centrale de traitement des eaux usées
- Séparateur des eaux de cales
- Salle de bains (Toilettes, Douche, Unité de drainage, etc.)
- Réservoir : standard ou sur mesure, fabriqué en acier, aluminium, inox ou polypropylène
- Tracage de l'origine des odeurs et réaliser les modifications nécessaires pour leur élimination.



O2Gam

Nos techniciens qualifiés et expérimentés sont disponibles pour l'évaluation de vos yachts concernant la loi MARPOL sur le stockage des eaux usées et les systèmes de traitement. Nos atelier et entrepôts sont situés à 5 mn de l'échangeur de Cannes.

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The regulations about the water rejection

If you don't respect this regulations you are exposed at a financial and criminal sanctions

Décret n°2010-477 du 11 mai 2010 portant publication de la résolution MEPC.115(51) (annexe 5) relative à l'adoption d'amendements à l'annexe du protocole de 1978 relatif à la convention internationale de 1973 pour la prévention de la pollution par les navires (annexe IV révisée de MARPOL 73/78), adoptée à Londres le 1er avril 2004 (1)

Règle 11

Rejet des eaux usées

1. Sous réserve des dispositions de la règle 3 de la présente Annexe, le rejet des eaux usées à la mer est interdit à moins que les conditions suivantes ne soient remplies :

1. Le navire rejette des eaux usées après broyage et désinfection à l'aide d'un dispositif approuvé par l'Autorité conformément aux dispositions de la règle 9.1.2 de la présente Annexe, alors que le navire se trouve à une distance de plus de trois milles marins de la terre la plus proche et celui des eaux usées non broyées et non désinfectées à une distance de plus de douze milles marins de celle-ci ; dans tous les cas, le rejet des eaux usées conservées dans les citernes de stockage s'effectue non pas instantanément mais à une vitesse modérée, alors que le navire fait route à une vitesse au moins égale à 4 noeuds. Le taux de rejet est approuvé par l'Autorité, qui se fonde sur les normes mises au point par l'Organisation ; ou

2. Les eaux usées du navire sont traitées par un dispositif approprié que l'Autorité a certifié conforme aux règles d'exploitation visées à la règle 9.1.1, de la présente Annexe ; et

1. Les résultats de la mise à l'essai du dispositif sont indiqués dans le Certificat international de prévention de la pollution par les eaux usées ; et

2. L'effluent ne laisse de surcroît pas de solides flottants visibles dans l'eau environnante et n'entraîne pas de décoloration de cette eau.

2. Les dispositions du paragraphe 1 ne s'appliquent pas aux navires exploités dans les eaux relevant de la juridiction d'un Etat ni aux navires de passage qui viennent d'autres Etats, tant qu'ils se trouvent dans ces eaux et rejettent leurs eaux usées conformément aux prescriptions moins rigoureuses qui pourraient être imposées par cet Etat.

3. Lorsque les eaux usées sont mélangées à des déchets ou eaux résiduaires visés par d'autres Annexes de MARPOL 73/78, il doit être satisfait aux prescriptions de ces annexes en plus des prescriptions de la présente Annexe.

CE TYPE D'INFRACTION POURRAIT VOUS EXPOSER DANS LE FUTUR A DES DIFFICULTES POUR OBTENIR UNE PLACE DANS CERTAINS PORTS ET ZONES DE MOUILLAGE DE LA COTE D'AZUR

International Convention for the Prevention of Pollution from Ships MARPOL 73/78, Annex IV, regulation 8

Discharge of sewage

(1) Subject to the provisions of regulation 9 of this Annex, the discharge of sewage into the sea is prohibited, except when:

(a) the ship is discharging comminuted and disinfected sewage using a system approved by the Administration in accordance with regulation 3(l)(a) at a distance of more than 4 nautical miles from the nearest land, or sewage which is not comminuted or disinfected at a distance of more than 12 nautical miles from the nearest land, provided that in any case, the sewage that has been stored in holding tanks shall not be discharged instantaneously but at a moderate rate when the ship is en route and proceeding at not less than 4 knots; the rate of discharge shall be approved by the Administration based upon standards developed by the Organization; or

(b) the ship has in operation an approved sewage treatment plant which has been certified by the Administration to meet the operational requirements referred to in regulation 3(l)(a)(i) of this Annex, and

(i) the test results of the plant are laid down in the ship's International Sewage Pollution Prevention Certificate (1973);

(ii) additionally, the effluent shall not produce visible floating solids in, nor cause discoloration of, the surrounding water; or

(c) the ship is situated in the waters under the jurisdiction of a State and is discharging sewage in accordance with such less stringent requirements as may be imposed by such State.

(2) When the sewage is mixed with wastes or waste water having different discharge requirements, the more stringent requirements shall apply.

IN FUTURE IT IS VERY LIKELY THAT BOATS WHICH CONTRAVENE THE REGULATION WILL STRUGGLE TO BE AWARDED A PLACE IN A PORT OR AT ANCHOR ON THE RIVIERA

CHAPITRE 5 : TOILETS

SFA

TECMA



VACUFLUSH®

- **TECMA**
- **TECMA SPARE PARTS**
- **SEALAND**
- **SEALAND SPARE PARTS**
- **SFA**
- **JETS**
- **OTHER TOILET**

TECMA TOILETS :

TECMA

○ EASYFIT SHORT



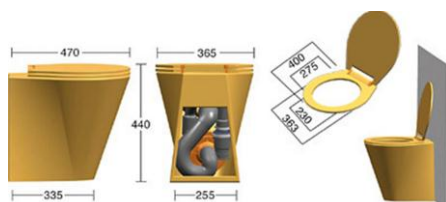
<i>Reference</i>	<i>Model</i>
AR19826	EASYFIT STANDARD 12V
AR19827	EASYFIT STANDARD 24V
AR19858	EASYFIT SHORT 12V
AR19859	EASYFIT SHORT 24V

○ PRIVILEGE



<i>Reference</i>	<i>Model</i>
AR19889	PRIVILEGE 12V EAU DE MER
AR19890	PRIVILEGE 24V EAU DE MER
AR19891	PRIVILEGE 12V EAU DOUCE
AR19892	PRIVILEGE 24V EAU DOUCE

○ X LIGHT



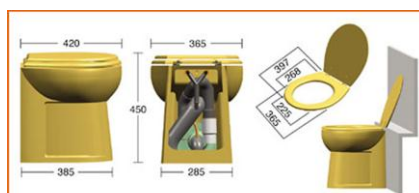
<i>Reference</i>	<i>Model</i>
AR19840	X LIGHT Eau de mer 12v
AR19842	X LIGHT Eau de mer 24v
AR19841	X LIGHT Eau douce 12v
AR19843	X LIGHT Eau douce 24v

○ EVOLUTION



<i>Reference</i>	<i>Model</i>
AR19836	EVOLUTION Eau de mer 12v
AR19838	EVOLUTION Eau de mer 24v
AR19837	EVOLUTION Eau douce 12v
AR19839	EVOLUTION Eau douce 24v

○ SANINAUTICO



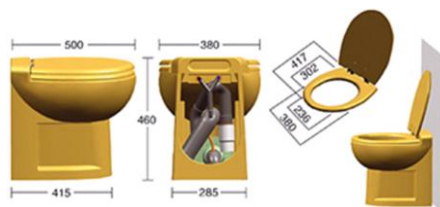
<i>Reference</i>	<i>Model</i>
AR19762	SANINAUTICO STANDARD eau de mer 12V
AR19764	SANINAUTICO STANDARD eau de mer 24V
AR19763	SANINAUTICO STANDARD eau douce 12V
AR19765	SANINAUTICO STANDARD eau douce 24V
AR19766	SANINAUTICO SHORT eau de mer 12V
AR19768	SANINAUTICO SHORT eau de mer 24V
AR19767	SANINAUTICO SHORT eau douce 12V
AR19769	SANINAUTICO SHORT eau douce 24V

○ ELEGANCE



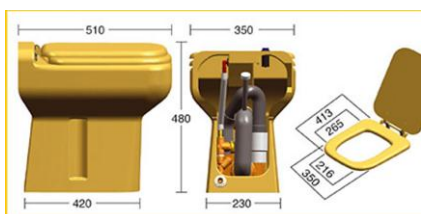
<i>Reference</i>	<i>Model</i>
AR19828	ELEGANCE STANDARD Eau de mer 12v
AR19830	ELEGANCE STANDARD Eau de mer 24v
AR19829	ELEGANCE STANDARD Eau douce 12v
AR19831	ELEGANCE STANDARD Eau douce 24v
AR19832	ELEGANCE SHORT Eau de mer 12v
AR19834	ELEGANCE SHORT Eau de mer 24v
AR19833	ELEGANCE SHORT Eau douce 12v
AR19835	ELEGANCE SHORT Eau douce 24v
AR19925	ELEGANCE STANDARD CUT Eau de mer 12v
AR19927	ELEGANCE STANDARD CUT Eau de mer 24v
AR19926	ELEGANCE STANDARD CUT Eau douce 12v
AR19928	ELEGANCE STANDARD CUT Eau douce 24v

○ **SILENCE PLUS**



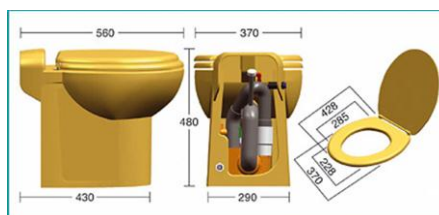
<i>Reference</i>	<i>Model</i>
AR19929	SILENCE PLUS Eau de mer 12v
AR19931	SILENCE PLUS Eau de mer 24v
AR19930	SILENCE PLUS Eau douce 12v
AR19932	SILENCE PLUS Eau douce 24v
AR19933	SILENCE PLUS SHORT Eau de mer 12v
AR19935	SILENCE PLUS SHORT Eau de mer 24v
AR19934	SILENCE PLUS SHORT Eau douce 12v
AR19936	SILENCE PLUS SHORT Eau douce 24v

○ **PRESTIGE 50**



<i>Reference</i>	<i>Model</i>
AR19937	PRESTIGE 50 24V EAU DOUCE

○ **PRESTIGE 45 et 56**



<i>Reference</i>	<i>Model</i>
AR19915	PRESTIGE 45 24V EAU DOUCE
AR19916	PRESTIGE 45 230V EAU DOUCE
AR19917	PRESTIGE 56 24V EAU DOUCE
AR19918	PRESTIGE 56 230V EAU DOUCE

OTHER MODELS ON DEMAND

TECMA SPARE PARTS :



Reference	Model
AR19773	KIT PIPE TECMA 86019
AR19820	GRINDING SYSTEM 12V TECMA 86068
AR19821	GRINDING SYSTEM 24V TECMA 86069
AR20819	CONTROL PANNEL TECMA 1 BOUTON
AR19822	CONTROL PANNEL TECMA 2 BOUTONS
AR20790	ELECTROVANNE 12V TECMA
AR20790	ELECTROVANNE 24V TECMA
AR21054	ABATTANT TECMA STANDARD
AR20774	ABATTANT TECMA PRESTIGE STD



ACCESOIRES

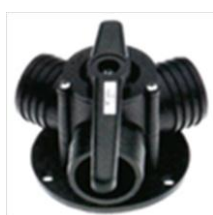
Référence	Désignation
AR19783	CARBON FILTERS 86023
AR19845	TECMA SANISPLIT 24V



Pour toutes vos installations de toilettes Tecma penser à bien vous équiper

Y valve

Ref : **AR10692**



Pipe anti-odor

Ref Ø 38 : **AR21140**



Filtre anti-odeur

Réf pour flexible 1''1/2: **AR21492**



contact@eco-dist.com

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ECO DIST

SEALAND TOILET :

The SeaLand MasterFlush Electric toilets set new standards on board. A modern, compact design, high quality china bowl, a stable seat made of coated wood, low water consumption, convenient controls. Connections are “invisible” on the outside and won’t spoil the appearance.

The toilets work with an integrated pump and macerator system, which are very quiet and ideal for connecting to a holding tank. This can be up to 30 m away from, or up to 3 m above, the toilet – the high-performance pump masters these pumping distances easily.

Any backflow of black water is completely stopped by a nonreturn valve.



<i>Model</i>	<i>Supply</i>	<i>Dimensions mm</i>	<i>Weight</i>	<i>Reference</i>
Masterflush 8112	12V DC	375 x 381 x 467	20.5kg	AR21195
Masterflush 8116	24V	375 x 381 x 467	20.5kg	AR21196

PARTS SEALAND :

<i>Reference</i>	<i>Model</i>
AR21197	Tank discharge management DTD01-12V
AR21198	Tank discharge management DTD01-24V
AR21212	Tank monitor 12/24V



SFA TOILETS :

Sanimarin Elite

<i>Model</i>	<i>Water Cons.</i>	<i>Lift height</i>	<i>Conso. Electric « Eco »</i>	<i>Conso. Electric « Normal »</i>	<i>Reference</i>
Elite 12V	1.2L	3m	0.02A/h	0.03A/h	AR21213
Elite 24V	1.2L	3m	0.01A/h	0.02A/h	AR21214

Sanimarin Comfort



<i>Model</i>	<i>Water Cons.</i>	<i>Lift height</i>	<i>Conso. Electric « Eco »</i>	<i>Conso. Electric « Normal »</i>	<i>Reference</i>
Comfort 12V	1.2L	3m	0.02A/h	0.03A/h	AR21216
Comfort 24V	1.2L	3m	0.03A/h	0.02A/h	AR20795

Sanimarin Confort Plus

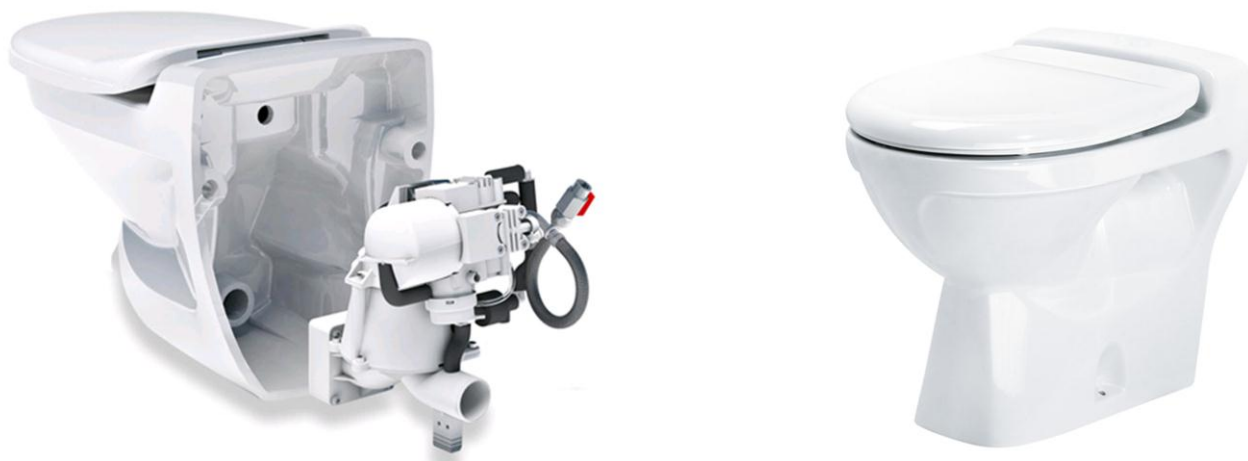


<i>Model</i>	<i>Water Cons.</i>	<i>Lift height</i>	<i>Conso. Electric « Eco »</i>	<i>Conso. Electric « Normal »</i>	<i>Reference</i>
Comfort Plus 12V	1.2L	3m	0.02A/h	0.03A/h	AR21218
Comfort Plus 24V	1.2L	3m	0.03A/h	0.02A/h	AR21219

Other models SFA on demand

JETS TOILETS

Jets™ carries a complete range of products, components and parts for vacuum sanitary systems. Our vacuum pumps and vacuum units are known throughout the vacuum industry for their reliability and quality, and the rest of our products are built to the same standards.



This is the heart of a Jets™ system. A Vacuumator™ pump creates vacuum, macerates and pumps, all in one operation. The pump is made of high quality materials, and is available in models with different capacity.



Please contact us for all request concern the Jets toilet

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contact@eco-dist.com

TOILETS/PARTS OTHER BRAND :

contact us for a request conern, Vacuflush et Jabsco...

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ECO DIST 

✧ NOUVEAUTE ✧

ECONORM, offer a new service by performing a heat balance of your boat. Several analyzes can be made:

- Complete diagnostic
- Engine diagnostic
- Electric diagnostic

Also we can offer in-depth analysis of your boat through our inspection camera equipped with 30 meters of optical fiber to verify your piping

- piping
- mast
- hard to reach areas

For all information, please contact us.



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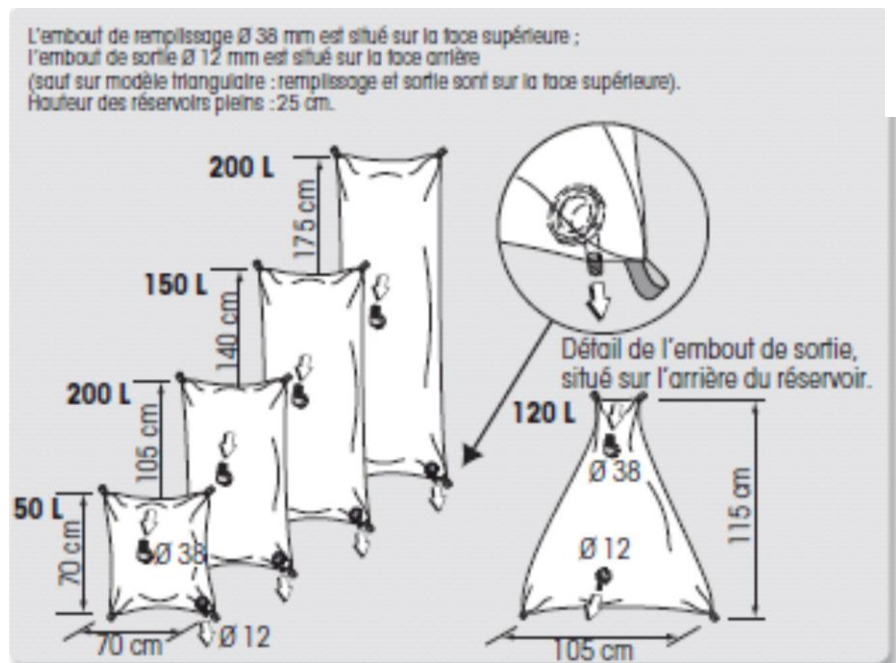


CHAPTER 6 : TANK AND PLUMBING

- WATER TANK
- HOLDING TANK
- CUSTOM TANK
- PIPE
- DECK FITTING
- VENTS
- PLUMBING
- HOLDING TANK FILTER
- IN/OUT FIT
- SEALING SYSTEM

WATER TANK :

Flexible water tank for fresh water



Shape of tank	Capacity	Reference
Carré	50 Litres	AR21187
	100 Litres	AR21188
Rectangulaire	150 Litres	AR21189
	200 Litres	AR21190
Triangulaire	120 Litres	AR21191

Ercole water tank

Polyéthylène. Straight deck fill Ø38 mm. Pipe Ø16 mm.



Model	Capacity L	Length mm	Width mm	Height mm	Reference
Ercole 45	45 Litres	500	300	350	AR21192
Ercole 56	56 Litres	650	300	350	AR21193
Ercole 70	70 Litres	800	300	350	AR21194

HOLDING TANK :



WASTE WATER KIT

Includes tank + macerator + accessories

Polythene waste tank according to ISO 8099 regulation

Complete with 8 joints on both sides: 4 of 3/4" e 4 1/2" for charge, discharge and breather

KIT includes: macerator, Y valve, gas tank vent, activated carbon filter and control panel

The filter should be installed along the breather of the tank in the highest possible location

The activated carbons should never come into contact with the liquids in the tank

RECTANGULAR TANK

Capacity L	Length mm	Width mm	Height mm	Reference
47 L	480	400	250	AR19851
78L	700	400	300	AR19852
130L	880	500	300	AR19853

BREVELLED TANK

Capacity L	Length mm	Width mm	Height mm	Reference
50 L	550	430	290	AR19854
75 L	790	430	290	AR19855
100 L	880	500	300	AR19856



WASTE MANAGEMENT SYSTEM

Heavy duty macerator evacuation pump(50890 series)

Ready to install with inlet, outlet and vent hose

connection to 1 1/2"

Hard mounting strap

Level indicator(optional)

Maximum elevation head 4 m

Capacity 19l/min

Self priming pump

Pumping soil and waste water

Model	Tank capacity	Supply V	Fuse A	Length mm	Width mm	Height mm	Delivery L/min	Reference
324004012	41 L	12 V	10 A	650	390	200	19L/min	AR19895
324006012	63 L	12 V	10 A	950	390	200	19L/min	AR19896
324006024	63 L	24 V	5 A	950	390	200	19L/min	AR19897
324010012	103 L	12 V	10 A	1050	390	200	19L/min	AR19898
324010024	103 L	24 V	5 A	1050	390	200	19L/min	AR19899

CUSTOM TANK :

We manufacturing custom tank in steel, Stainless steel, aluminium, polyethylene and polypropylene. In our work-shop at Mouans-Sartoux



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PIPE :

Pipe anti-odor



HARDWALL SMOOTH COVER RUBBER HOSE

Extremely flexible designed as sewage pipe for marine toilets.

Its main advantage is to avoid the spreading of odours from the toilet drains

Tube: white, smooth, odour-free and anti-bacterial quality rubber

Permeability level lower than 1%

Suitable also for connect biologic tank, biologic pump and bilge pump

Standard: according to European, FDA and ISO 8099:2000

<i>Inside diameter</i>	<i>Outside diameter</i>	<i>Working pressure</i>	<i>Max Pressure</i>	<i>Temperature range</i>	<i>Length</i>	<i>Reference</i>
Ø 16 mm	Ø 26 mm	7 bars	21 bars	-40°C/+120°C	30,5 m	AR19975
Ø 19 mm	Ø 29 mm	7 bars	21 bars	-40°C/+120°C	30,5 m	
Ø 25 mm	Ø 35 mm	7 bars	21 bars	-40°C/+120°C	30,5 m	AR19977
Ø 38 mm	Ø 48 mm	7 bars	21 bars	-40°C/+120°C	30,5 m	AR21140



STEEL WIRE PVC HOSE NON TOXIC ALIPOMP/SAN

Extremely flexible designed sewage pipe for marine toilets

Tube: smooth white special PVC compound. Impermeability good level compound

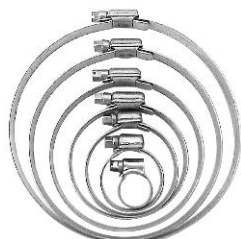
Reinforcement: steel wire helix

Cover: weathering and most chemicals resistant white PVC

Surface: smooth extruded

<i>Inside diameter</i>	<i>Pressure</i>	<i>Temperature range</i>	<i>Lenght</i>	<i>Reference</i>
Ø 16 mm	6 Bar	-15°C +60°C	30 m	AR19999
Ø 19 mm	5 Bar	-15°C +60°C	30 m	AR20000
Ø 25 mm	5 Bar	-15°C +60°C	30 m	AR20001

○ Tuyaux tous liquides



Collier de serrage
Réf : **AR08310** Ø 30-45mm



Tuyau haute résistance.

Très flexible et robuste, renforcé avec une spirale PVC. Transparent pour le contrôle constant du passage des liquides. Température utilisation de -5°C à +60°C. Pression de service à 20°C.

<i>Diamètre intérieur</i>	<i>Diamètre extérieur</i>	<i>Pression d'utilisation</i>	<i>Rayon de courbure</i>	<i>Référence</i>
Ø 20 mm	Ø 24.8 mm	6.5 bars	110 mm	AR14824
Ø 25 mm	Ø 29.8 mm	6.5 bars	140 mm	AR14825
Ø 30 mm	Ø 35 mm	6 bars	175 mm	AR14826
Ø 35 mm	Ø 40.4 mm	6 bars	195 mm	AR14827



Pipe FOR HOT WATER
Réf : **AR14703** ØINT 12mm
Ø ext 19 mm, Ø courbure 130 mm
Longueur : 20m



Pipe pvc for hot water
Réf : **AR14976** Ø INT 19mm, Ø ext 28mm, Ø courbure 115m



Flexible hoses for all utilisation
Réf : **AR14888** Ø int 19mm, Ø ext 26mm pression service 15b
Réf : **AR14889** Ø int 25mm, Ø ext 33mm pression service 13b
Réf : **AR14890** Ø int 38mm, Ø ext 48mm,pression service 8b
Longueur : 25m



High strength pipe

Very flexible and robust, food-grade PVC reinforced with a steel spiral. Transparent to the constant control of the passage of liquids or white for the sewage, it supports liquids from -5 ° C to +65 ° C. Pressure at 20 ° C.

<i>Diamètre intérieur</i>	<i>Diamètre extérieur</i>	<i>Pression d'utilisation</i>	<i>Rayon de courbure</i>	<i>Longueur</i>	<i>Couleur</i>	<i>Référence</i>
Ø 16 mm	Ø 22.4 mm	6 bars	35 mm	30 m	Transparent	AR14659
Ø 20 mm	Ø 26.8 mm	5 bars	50 mm	30 m	Transparent	AR14661
Ø 25 mm	Ø 33 mm	5 bars	60 mm	10 m	Transparent	AR14663
Ø 30 mm	Ø 38.4 mm	4.5 bars	70 mm	10 m	Transparent	AR14664
Ø 38 mm	Ø 47 mm	4 bars	90 mm	10 m	Blanc	AR14667



DECK FITTING AND VENTS :

○ Nables aluminiums et plastiques



<i>Model</i>	<i>Application</i>	<i>Diameter</i>	<i>Reference</i>
St. Steel deck fitting	Water tank	Ø 38 mm	AR12825
St. Steel deck fitting	Fuel tank	Ø 50 mm	AR12826
St. Steel deck fitting	Fuel tank	Ø 38 mm	AR12827
St. Steel deck fitting	Holing tank	Ø 38 mm	AR12828
Blue plug + chain	Water tank		AR12837
Black plug + chain	Holing tank		AR12838
Red plug + chain	Fuel tank		AR12839

○ Nables Bronze et laitons



<i>Model</i>	<i>Application</i>	<i>Diameter</i>	<i>Reference</i>
Bronze deck fitting	<u>Water tank</u>	Ø 38 mm	AR12833
Bronze deck fitting	Fuel tank	Ø 50 mm	AR12834



<i>Model</i>	<i>Application</i>	<i>Diameter</i>	<i>Reference</i>
Brass deck fitting	<u>Water tank</u>	Ø 50 mm	AR12835
Brass deck fitting	Fuel tank	Ø 50 mm	AR12836

○ Vents



(1)



(2)



(3)

<i>Model</i>	<i>Max thickness</i>	<i>Diameter</i>	<i>Reference</i>
Event réservoir (1)	16 mm	Ø 16 mm	AR11004
Event ovale (2)	24 mm	Ø 16 mm	AR11127
Event Ø 42 mm (3)	24 mm	Ø 16 mm	AR11126

○ Plumbing



Passerelle pour vannes ¼ tour homologuée pour montage sous la ligne de flottaison. Fabrication en polymère chargé en fibre de verre. Anti corrosion et anti-électrolyse.

Désignation	Diamètre	Référence
Passerelle	Ø 3/4" BSP	AR15191
Passerelle	Ø 1" BSP	AR15192
Passerelle	Ø 1 1/4" BSP	AR15193
Passerelle	Ø 1 1/2" BSP	AR15194
Passerelle	Ø 2"	AR15195



Vannes ¼ tour homologuées pour montage sous la ligne de flottaison. Approbation IMCI CONFORME 0 LA NORME iso9093-2. Montage sur tout type de coque. Fabrication en polymère chargé en fibre de verre. Anti corrosion et anti-électrolyse. Bille et joints en Téflon. Coloris noir avec poignée bleue. Autorise le passage de « jus » de fonds de cale ou de carburant.

Désignation	Diamètre	Référence
Vanne	Ø 3/4" BSP	AR15187
Vanne	Ø 1" BSP	AR15188
Vanne	Ø 1 1/4" BSP	AR15189
Vanne	Ø 1 1/2" BSP	AR15190

○ Y Valve



Y valve (Ø 38mm) to direct the "black water or clean" or to a storage tank or direct.

Référence : AR10692



Y-valve (1 input - 2 output Ø 38mm) to direct the "black water or clean" or to a storage tank or direct vent.

Can be padlocked.

Référence : AR19793

HOLDING TANK FILTER

○ Holding tank filter Vétus

Each wastewater tank requires an air breather line, through which unpleasant odours may escape. This can be prevented by the installation of a no-smell filter into the breather line. The no-smell filter element contains a special odour-absorbing material. The filter can be installed very easily, with 2 hose connectors for Ø 16, 25 or 38 mm. The filter element is exchangeable and should be renewed once a year.



Modèle NSF

Reference	Ø pipe (mm)
AR21591	16
AR21592	25
AR21593	38

Spare cartridge vétus : AR21594

Anti-odor pipe



Ø 38 : AR21140

Ø 25 : AR19977

○ holding tank filter Sealand



Réf : **AR14435** for flexible 5/8"

Réf : **AR21492** for flexible 1 1/2"

Spare cartridge :

Réf : **AR14436** for flexible 5/8"

Réf : **AR14438** for flexible 1 1/2"

- **Connection**

Half couplings with lock, with barbed reduced

DN	Ø sur douille
25	DAR 25
40	DAR 25
40	DAR 30
40	DAR 35
40	DAR 40
50	DAR 45
50	DAR 52
50	DG en extension 60
65	DAR 65
80	DAR 80
100	DAR 100
100	DAR 105
150	DAR 152



specify at ordering the workpiece material: Aluminum, Bronze or Polypropylene

Junction with double locks.

DN 1	DN 2	Désignation
32	20	junction wiht double locks
32	25	junction wiht double locks
40	20	junction wiht double locks
40	25	junction wiht double locks
40	32	junction wiht double locks
50	25	junction wiht double locks
50	32	junction wiht double locks
50	40	junction wiht double locks
65	40	junction wiht double locks
65	50	junction wiht double locks
80	40	junction wiht double locks
80	50	junction wiht double locks
80	65	junction wiht double locks
90	80	junction wiht double locks
100	40	junction wiht double locks
100	50	junction wiht double locks
100	65	junction wiht double locks
100	80	junction wiht double locks
150	100	junction wiht double locks



specify at ordering the workpiece material: Aluminum, Bronze or Polypropylene

Caps with lock and chain

DN	Désignation
15	Bouchon avec verrou
20	Bouchon avec verrou
25	Bouchon avec verrou
32	Bouchon avec verrou
40	Bouchon avec verrou
50	Bouchon avec verrou
65	Bouchon avec verrou
80	Bouchon avec verrou
100	Bouchon avec verrou



specify at ordering the workpiece material: Aluminum, Bronze or Polypropylene

HALF-COUPLING SLEEVE AND COLLAR WITH TUMBLERS WITH SEAL

Ø sur douille

DGC 13

DGC 16

DGC 19

DGC 25



specify at ordering the workpiece material: Aluminum, Bronze or Polypropylene

Adapters "e", with barbed fitting

DN	Ø on sleeve
¾	21,5
1	27,4
1¼	34,1
1½	40,5
2	53,2
2½	66,7
3	76
3	79,4
4	102
4	104,8



specify at ordering the workpiece material: Aluminum, Bronze or Polypropylene

Adapters "c", with barbed fitting

DN	Ø on sleeve
¾	21,5
1	27,4
1¼	34,1
1½	40,5
2	53,2
2½	66,7
3	76
3	79,4
4	102
4	104,8



specify at ordering the workpiece material: Aluminum, Bronze or Polypropylene

Storz coupling half a gorge bush

Model	Ø on sleeve
D.25	Douille 25
C.52	Douille réduite 38
C.52	Douille réduite 42
C.52	Douille réduite 45
C.52	Douille 52
B.75	Douille réduite 70
B.75	Douille 75
A.110	Douille réduite 100
A.110	Douille 110



specify at ordering the workpiece material: Aluminum, Bronze or Polypropylene

Connection joint connection with international (ship side)

DN	reference
40	AR21608
65	AR21607

Only bronze.



- **Filling / Seallin g**

FAK : Case of 1^{ère} intervention



The material is contained in an aluminum case dimensions: 582 x 385 x 277 mm waterproof

- 1 protective clothing with oil cap
- 1 pair of goggles ventilated
- 1 gloves long sleeves for
- 2 plastiplac-use protective unique: 900 x 900 mm
- 1 plate-thick neoprene foam. 5mm-1m x 50 mm
- 1 hammer protection
- 1 spanner wrench bronze
- 1 pliers protected polyurethane
- 1screwdriver protected polyurethane – lame diam. 7
- 1 cotton twine ball
- 4 sandows diam. 6mm en 5 mètres
- 6 absorbent towels
- 4 wooden wedges
- 2 Cones / pinoches wood
- 2 truncated cones wood
- 1 shutter – petit modèle diam. 8 cm
- 1 shutter – grand modèle diam. 12 cm

Reference : AR21619

VETTER : Hig pressure anti-leak system

The sealing of leaks that occur on pressure piping, fittings and moldings are generally notor difficult to control with dock seals leak standards.

The different lengths of hoses allow a very good adaptation to different pipe diameters.

AVANTAGES

universal use

easy operation

For cons-pressures up to max. 9 bar (90 m EC)

Use specifically on the elements in T, elbows or pipes connection problems

Delivery as a basic kit and kit Premium

Panel with additional sealing of various materials (NBR, EPDM, FKM) - increased resistance

SECURITY

valve discharge pressure between the pressure regulator and hose

filling

metal element on the flexible sealing stainless steel

Test pressure 1.6 times the operating pressure

electrostatic conductivity constant sealing hoses (DIN ISO 8031/8.97) connection ground on both sides of the flexible sealing couplings.



CAUTION: The equipment requires a compressed air source.



KIT DE BASE : AR21620

A flexible sealing 1,5 m + 1 + a filling valve for filling flexible sealing panel + 1 + 1 + 1 bleed valve carrying case.

KIT PREMIUM : AR21621

3 flexible sealing 1.5 / 2.5 and 3, 5m + 1 + 1 refill valve filler hose pressure regulator + 1(200/300 bar / 4500psi + 3 + 1 panels seal drain valve + 1 case transport.

Flexible d'étanchéité de rechange :

Reference Model	AR21622 Sealing flexible 1.500 mm	AR21623 Sealing flexible 2.500 mm	AR21624 Sealing flexible 3.500 mm
Maximum operating pressure (bar)	10	10	10
Try pressure (bar)	16	16	16
Against pressure max. (bar)	9	9	9
Volume nominal (L)	0,74	1,33	1,86
Need in air at 10 bar (L)	8,14	14,63	20,4
Temprature (°C)	-30° / +80°	-30° / +80°	-30° / +80°
Weight (*) (kg)	1,14	1,38	1,77

Leak bandage



A quick and uncomplicated when this is to seal leaking pipes often → ladies giving off hazardous liquids to humans and the environment.

With the bandage XL leaks, major leaks pose more problems. In the case of the tire leak LB 5-20 XL, the width of the sealing surface has been extended from 19 to 38 cm, which greatly increases the usability.

Bandages not only help seal leaks in pipes and storytelling → nears round with diameters of 5-48 cm, but also to seal longitudinal cracks by setting up the bandage along the crack and securing it with a beam wood ratchet and a strap.

Avantages

- Fill with an air pump off
- Ease of Use
- seals a pipe on its periphery
- Many possible uses

Sécurité

- → test pressure 1.3 times greater than the operating pressure
- Brief guide on the tire
- Anti-static properties and self-extinguishing

Désignation	Bandage LB 5-20	Bandage LB 20-48	Bandage LB 5-20 XL
Dimensions (L x l x h) (cm)	98 x 21	177 x 21	100 x 40
Surface d'étanchéité (cm)	Largeur 19	Largeur 19	Largeur 38
Suppression de service (bar)	1,5	1,5	1,5
Pression d'essai (bar)	1,95	1,95	1,95
Pression d'étanchéité (mCE)	14	14	14
Volume nominal (L)	9	16	30
Besoin en air (L)	22,5	40,	75
Poids coussin individuel (kg)	2,3	4	5,5
Référence	AR21625	AR21626	AR21627

Leak sealing compound

The ideal first aid kit when this is to seal leaks are difficult to access on you → bulures valve very small flanges and piping systems in which flow of chemicals or petrochemicals as oil, gasoline, hydrocarbons, acids and bases, solvents and cleaners.

Can not be used to seal water leaks since the leak sealant is water soluble.



Reference	Model
AR21628	Kit of 8 box 500 ml

pipe sleeve

Where aggressive liquids escaping from small cracks and holes in the pipe system may be responsible so large damages. Headlines A pipe Vetter mastered this type of damage immediately. They are used to mechanically seal the pressure pipe up to 16 bar. It is possible to seal without problem even leaks in pipes at minimum nominal diameter from 1/2".

Fonctionnement :

- Establish the inner seal off the leak
- Ask the sealing sleeve over
- Tighten the screws → so that the sealing sleeve can be pushed into the leak
- Close the sealing collar with screws hexagon socket
- The problem is solved



Reference	Model	Include in the kit Réf : AR21616
AR21629	Sealing sleeve pipe 1/2"	1
AR21630	Sealing sleeve pipe 3/4"	1
AR21631	Sealing sleeve pipe 1"	1
AR21632	Sealing sleeve pipe 1 1/4"	1
AR21633	Sealing sleeve pipe 1 1/2"	1
AR21634	Sealing sleeve pipe 2"	1
AR21635	Sealing sleeve pipe 2 1/2"	1
AR21640	Travel box 400 x 300 x 183 mm	1
AR21639	Allen key	1
AR21638	Skrewdriver allen key	1
AR21636	Sealing sleeve pipe 3"	1
AR21637	Sealing sleeve pipe 4"	1

CHAPITRE 7 : PUMPS



- SEWAGE WATER PUMP
- WATER / FUEL PUMP
- CIRCULATION PUMP
- WATER PRESSURE SYSTEM
- BILGE PUMP
- WASHING PUMP
- EVACUATION PUMP
- TANK AND FILTER PUMP

Pompe eaux noires

○ Pompe MV



SINGLE SCREW MOTOR DRIVEN PUMPS MVG SERIES FOR SOLID LIQUID

Applications: emptying of waste, gravel pump, to pump liquid with small part in suspension

Positive displacement pumps with a metal single-thread helical rotor

Body pump: bronze

Screw rotor t: AISI 316 stainless steel

It is important to check the rotation sense to avoid the rotor to unscrew in case working

in the anti-clockwise sense

<i>Model</i>	<i>Supply V</i>	<i>Power KW</i>	<i>delivery L/Min</i>	<i>Dimensions mm</i>	<i>Weight KG</i>	<i>Reference</i>
MV44G	12	0,30	50	145x171x428	13,5	AR19329
MV44G	24	0,30	50	145x171x428	13,5	AR19113
MV44G	230	0,55	50	155x204x443	13,5	AR19330
MV44G	230/400	0,55	50	155x204x443	13,5	AR19331
MVI 60	24	0,55	55-51	200x193x565	17	AR19332
MVI 60	230	0,75	55-45	200x223x580	16,5	AR19333
MVI 60	230/400	0,75	55-45	200x223x580	16,5	AR19334
MVI 80	24	1	95-61	200x240x660	22	AR19335
MVI 80	230	1,1	98-64	200x235x660	20,5	AR19336
MVI 80	230/400	1,1	98-64	200x235x660	20,5	AR19337
MVI 100	230/400	1,1	130-90	200x235x670	24	AR19338

○ Pompe macérateur



Perfect for evacuation of holding tanks

<i>Model</i>	<i>Supply V</i>	<i>Delivery L/Min</i>	<i>Dimensions mm</i>	<i>Reference</i>
MACERATOR12	12V	43	240 x 130 x 90	AR19775
MACERATOR24	24V	43	240 x 130 x 90	AR19777

water / fuel pump

○ Pompe CP



APPLICATIONS : intake diesel oil, intake liquids (sea and fresh water)
Grey water discharge(galley and shower), bilge
Self-priming REVERSIBLE el/pumps Supplied with star impeller
(possible to invert the flow)
High self-priming capacity (up to 9 Mt.)

Model	Supply V	Power KW	RPM	deliery L/Min	Dimensions mm	Weight KG	Reference
CP20	230	0,37	2800	40	120x143x260	6.5	AR19321
CP32A	230	0,37	1450	60	140x175x300	12	AR19322
CP40	230	0,75	1450	175	180x215x370	28	AR19323
CP40-160	230	1,5	1450	225	174x257x435	34	AR19324
CP40-100	230	1,5	1450	275	190x260x460	38	AR19325
CP40-140	230	2,2	1450	300	190x225x480	46	AR19326
CP50-180	230	3,0	1450	400	240x315x490	58	AR19327
CP20-1 G	12	0,25	2500	45	120x143x235	7	AR19312
CP20-1 G	24	0,25	2500	45	120x143x235	7	AR19313
CP20-2 G	24	0,37	2800	45	120x143x235	7	AR19314

○ Pompe ACB



Supplied with star impeller(ACB 331 – ACB 332 _ ACB 431 series)

APPLICATIONS : bilge , chain washing , fire-fighting , intake diesel oil and liquids

High self-priming capacity (up to 9 Mt.)

Body pump :bronze

Shaft : AISI 316 stainless steel

Mechanical seal of high quality thanks to stainless steel , graphite and ceramic

Model	Voltage V	Puiss. KW	Absorp MAX	RPM	Flow L/Min	Dimensions mm	Weight KG	Reference
ACB 60 E	230	0,15		2900	16	122 x 158 x 256	7	AR19296
ACB 61 G	12	0,15	18 A	3000	20	125 x 96 x 245	5	AR19105
ACB 61 G	24	0,15	8A	3000	20	125 x 96 x 245	5	AR19106
ACB 61 RG	12	0,25		3000	20	140 x 115 x 280	7	AR19298
ACB 61 RG	24	0,25		3000	20	140 x 115 x 280	7	AR19299
ACB 80 E	24	0,37	40A	2800	50	150 x 160 x 330	11	AR19300
ACB 80 E	230	0,37		2900	50	134 x 161 x 300	11	AR19149
ACB 80 E	230/400	0,37		2900	50	134 x 161 x 300	11	AR19301
ACB 90 E	24	0,44	26A	2800	55	150 x 185 x 350	11	AR19197
ACB 90 E	230	0,45		2900	55	175 x 183 x 312	11	AR19201
ACB 90 E	230/400	0,45		2900	55	175 x 183 x 312	11	AR19302



<i>Model</i>	<i>Supply V</i>	<i>Power KW</i>	<i>deliery L/Min</i>	<i>Dimensions mm</i>	<i>Weight KG</i>	<i>Reference</i>
ACB 331-1	24	0,9	150	176x190x445	27	AR19303
ACB 331-1	230	1,1	120	174x255x470	27	AR19305
ACB 331-1	230 /400V	1,1	120	174x255x470	27	AR19306
ACB 431	24	1,5	270	200x225x525	40	AR19309
ACB 431-B	230	2,2	210	192x270x525	46	AR19310
ACB 431-B	230 /400V	2,2	210	192x240x525	46	AR19311

○ **Pompe ACM**



SELF PRIMING IN BRONZE

Whit star impeller and an outstanding self priming capacity

APPLICATIONS: bilge, chain washing
fire-fighting , intake diesel oil and liquids
system supplying

Body pump: bronze

Impeller: bronze

Shaft : AISI 316 stainless steel

Mechanical seal of high quality thanks to stainless steel , graphite and ceramic

We suggest to install a filter and a clapet valve on the suction pipe

<i>Model</i>	<i>Supply V</i>	<i>Power KW</i>	<i>RPM</i>	<i>deliery L/Min</i>	<i>Dimensions mm</i>	<i>Weight KG</i>	<i>Reference</i>
ACM 311BT (CC)	24V	1	1500	160	220x247x690	52	AR19232
ACM 312BT (CC)	24V	1.5	1500	160	250x305x830	84	AR19285
ACM 401BT (CC)	24V	1.5	1500	250	270x325x815	85	AR19286
ACM 311BT (CA)	220V	1,1	1450	125	250x250x680	50	AR19150
ACM 312BT (CA)	220V	2,2	1450	125	250x250x775	63	AR19290
ACM 313BT (CA)	220V	3	1450	125	300x250x815	70	AR19291
ACM 401BT (CA)	220V	2,2	1450	200	250x272x979	70	AR19292
ACM 402BT (CA)	220V	4	1450	200	250x272x1153	80	AR19293
ACM 501BT (CA)	220V	4	1450	400	300x325x919	88	AR19287
ACM 502BT (CA)	230/400	9,2	1450	400	350x325x1079	122	AR19288
ACM 651BT (CA)	230/400	7,5	1450	700	350x360x1079	122	AR19289
ACM 652BT (CA)	230/400	11	1450	700	400x360x1255	165	AR19294

(CC) = Courant Continu / (CA) = Courant Alternatif

Circulation pumps

Fresh water pump Flojet :



Compact
Silent
Low absorption
Duplex diaphragm design
For intermittence use
They don't need an accumulator tank

Model	Supply V	Absorp MAX	Delivery L/Min	Dimensions mm	Weight KG	Reference
LF12-22	12	1,9A	4,3	162x89x58	0,5	AR19214

Triplex automatic water system pump :



Three chamber diaphragm design
Self priming up to 3 mt suction lift
Anti-vibration system , very silent
Special "snap-in" port fitting
Pump able to run dry without damage
Meets ISO 8846

Model	Supply V	Absorp MAX	Delivery L/Min	Dimensions mm	Weight KG	Reference
R3426 - 148	12	3,5	7,6	229 x 121 x 152	1,6	AR19141
R3526 - 144	12	4,4	11	229 x 121 x 152	1,6	AR19142
R3426 - 344	24	2,2	11	229 x 121 x 152	1,6	AR19143



Four-piston design delivers higher flow rates
High delivery
No pressure switch
Self-priming up to 3 m vertical lift
Manometric head 3 mt
Big ports 19 mm ID hose
To combine with accumulator tanks between 8 and 22 lt

Model	Supply V	Absorp MAX	Delivery L/Min	Dimensions mm	Weight KG	Reference
4405-143	12	3,9	12,5	208x60x95	1,8	AR19216
4405-343	24	2	12,5	208x60x95	1,8	AR19217
4325-143	12	6	17	252x160x95	2,8	AR19144
4325-343	24	2,5	17	252x160x95	2,8	AR19145

Centrifugal electric pumps :



CONTINUOUS DUTY, NOT SELF-PRIMING

Applications: distribute clean water(fresh or sea water) at continuous duty ,
sanitary plants ,
conditioning system , water supply , heating, cooling and circulation plants

Body pump: bronze

Impeller: special brass alloy

Shaft: AISI 316 stainless steel

Mechanical seal: high quality on ceramic, graphite inox

<i>Model</i>	<i>Supply V</i>	<i>Power KW</i>	<i>Absorp MAX</i>	<i>RPM</i>	<i>Dimensions mm</i>	<i>Weight KG</i>	<i>Reference</i>
CB 160 RE	24	0,2	8A	40	100x150x270	6	AR19233
CB 20 E	24	0,3	20A	80	160x161x330	11	AR19234
CB 22 E	24	0,55	32A	125	175x188x330	12	AR19235

Self-priming motor pumps ECOJET :



Applications: chain washing, fire fighting,
water lifting, conditioning system, supply
WC

The jet electric pumps series have a closed
impeller Have an outstanding self-priming
capacity

Body pump: bronze – Flange: Stainless

steel Impeller: special brass alloy

Shaft: AISI 316 stainless steel

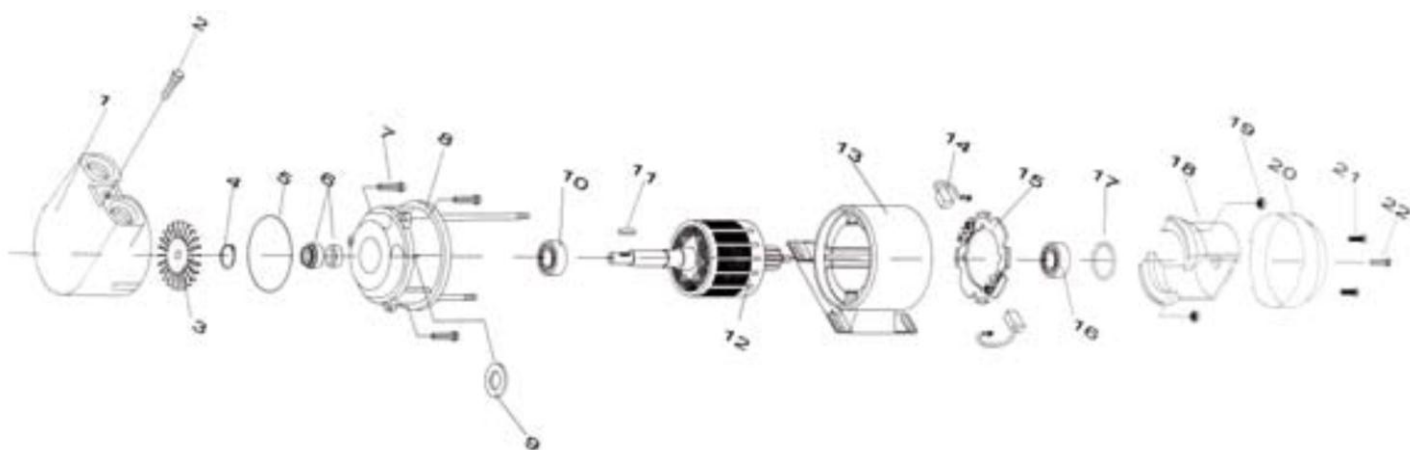
Mechanical seal: High quality on ceramic

sheet tank : 20L



<i>Model</i>	<i>Supply V</i>	<i>Power KW</i>	<i>Absorp MAX</i>	<i>Delivery L/min</i>	<i>Dimensions mm</i>	<i>Weight KG</i>	<i>Reference</i>
ECOJET 1B	24 V	0,30	16 A	45L/min	160 x 158 x 400	11 Kg	AR19242
ECOJET 2B	230V	0,45	-	55L/min	160 x 158 x 455	14 Kg	AR19243
JET 3B	24V	0,55	36A	70L/min	185 x 193 x 485	23 Kg	AR19356
JET 4B	24 V	0.75	42A	90L/min	185 x 193 x 485	23 Kg	AR19357
JET 518	24 V	1.10	60A	100L/min	215 x 225 x 615	39 Kg	AR19358

N'hésiter pas à nous contacter pour la révision de vos pompes dans nos ateliers



Water pressure system



Applications: pressure water distribution on board
 Supplied with manometer, pressure switch and no-return valve
 The tank is supplied with the stainless steel AISI 316 flange and the butyl rubber fixed membrane anti-water hammer
 Self-priming electric pump with star impeller (quick priming)
 Body pump: bronze – Impeller: special brass alloy – Shaft: AISI 316 stainless steel

IDROMINI ACB :

Model	Voltage V	Puissance KW	Absorp MAX	Sheet tank	Delevry L/min	Pression Max	Dimensions mm	Poids KG	Reference
ACB 61 E	12 V	0,15	18 A	2 L	22L/min	2,2 bar	200x260x360	8 Kg	AR19254
ACB 61 E	24 V	0,15	8 A	2 L	22L/min	2,2 bar	200x260x360	8 Kg	AR19236
ACB 80 E	24 V	0,37	22 A	5 L	50L/min	3 bar	170x350x410	18 Kg	AR19340

IDRO ECOJET :

Sheet tank 20L



Model	Supply V	Power KW	Absorp MAX	Delivery L/min	Pressure Max	Dimensions mm	Weight KG	Reference
ECOJET 1B	12 V	0,30	30 A	45L/min	2,6 bar	255x600x590	19 Kg	AR19279
ECOJET 1B	24V	0,30	16A	45L/min	3 bar	255x600x590	19 Kg	AR19280
ECOJET 2B	24V	0,37	21A	55L/min	3.5 bar	255x600x590	20 Kg	AR19281
ECOJET 2B	230V	0.45	-	55L/min	3.5 bar	255x600x590	20 Kg	AR19282



WATER PRESSURE SYSTEM “IDROJET”

Applications: pressure water distribution on boat
 Supplied with relays, manometer, pressure switch and non-return valve

The tank is supplied with the stainless steel flange and the butyl rubber fixed membrane anti-water hammer. Self priming el/pump with star impeller

Body pump: bronze – Impeller: special brass alloy
 – Shaft: stainless steel aisi 316

IDROJET 2L :



Model	Supply V	Pressur , MAX	Deliver max L/Min	Dimensions mm	Weight KG	Reference
IDROJET 3	24	4,2	70	255x610x650	33	AR19351
IDROJET 3	230	4,9	60	255x610x650	33	AR19352
IDROJET 4	24	3,5	80	255x610x650	33	AR19246
IDROJET 4	230	4,1	70	255x610x650	33	AR19253
IDROJET 4R	24	4,5	90	255x610x650	33	AR193353
IDROJET 518	24	4,7	100	255x660x800	40	AR19354
IDROJET 518	230	5	100	255x660x800	40	AR19355

○ **Waterpress Superinox**



Model	Power KW	Pressure max	Flow L/min	Reference
SUPERINOX 60/50 C	0.55	6	40	AR21617
SUPERINOX 120/60 C	0.90	6	60	AR21618

Bilge pump

○ **Under water shutter incorporated**



Model	Capacity GPH	Capacity L/h	Supply V	Absorp A	Dimensions mm	Weight gr	Reference
RM 500	500	1925	12 V	1.9A	127 x 101	370	AR19249
RM750	750	2900	12V	2.8A	127 x 101	370	AR19189
RM1100	1100	4250	12V	3.3A	127 x 101	400	AR19194
RM 500-24	500	1925	24V	1.9A	127 x 101	370	AR21138
RM750-24	750	2900	24V	2.8A	127 x 101	370	AR21139
RM1100-24	1100	4250	24V	3.3A	127 x 101	400	AR21140

○ **Under water no automatic**



Model	Supply	flow max	Pipe out	Dim ø	Référence
360-24	12V	1400L/h	Ø 19mm	61mm	AR14046
500-25D	12V	1900L/h	Ø 19mm	61mm	AR14047
500-26D	24V	1900L/h	Ø 19mm	61mm	AR14048
1000-20A	12V	3800L/h	Ø 29mm	73mm	AR14044
800-20R	12V	3000L/h	Ø 19mm	61mm	AR14043
800-21R	24V	3000L/h	Ø 19mm	61mm	AR14045
1500-02	12V	5600L/h	Ø 29mm	108mm	AR14035
1500-03	24V	5600L/h	Ø 29mm	108mm	AR14036
2000-10	12V	7500L/h	Ø 29mm	108mm	AR14037
2000-12	24V	7500L/h	Ø 29mm	108mm	AR14038
3700-16A	24V	14000L/h	Ø 38mm	124mm	AR14040
3700-14A	12V	14000L/h	Ø 38mm	124mm	AR14039

- Under water automatic



Model	Capacity GPH	Capacity L/h	Supply	Absorp	Dimensions mm	Weight gr	Reference
25 S	500	1893	12V	2.5A	60.3 x 102	310	AR19186
51 S	1500	5678	12V	7A	108 x 152	2500	AR19196
55 S	3700	14010	12V	15.5A	124 x 184	2500	AR19251

Bilge water accesories



(1)



(2)



(3)

Model	Courant max	Caracteristic	Reference
Contactor (1)	20A à 12V 10A à 24V	Dim L127 x l 144 x H66	AR14054
Contactor (2)	20A à 12V 10A à 24V	Dim L127 x l 54 x H66	AR14053
Contactor (3)	14A à 12V 7A à 24V	Dim L133 x l 54 x H73	AR14052
Contactor Auto 12V (4)	20A		AR10682
Contactor Auto 24V (4)	10A		AR10700
Bilge level alarm 12V (5)		Sonore (85dB) et visuelle	AR14050
Bilge level alarm 12V (5)		Sonore (85dB) et visuelle	AR14051
Water sensor (6)	10A	Dim H85x175x35mm	AR13554
Water sensor (6)	15A	Dim H85x175x35mm	AR13555
Water sensor (6)	20A	Dim H85x175x35mm	AR13556



(4)



(6)



(5)

Model	Characteristic	Reference
Table 3 position 20A (1)	OFF/AUTO/MAN 20A	AR14055
Table 3 position 30A (2)	Waterproof spray	AR10689
Table 3 position 12V (3)	Waterproof 20A	AR19158
Table 3 position 24V (3)	Waterproof 20A	AR19159



(1)

Washing pump



DP3 - 14 l/min

Kit washing including :

- A electric pump auto-amorçante to 1m
- An in-line filter
- A pressure switch
- A check non-return
- Spiral Pipes
- Adjustable spray gun
-

Ref : AR13144 12V – fusible 15A

Ref : AR13145 24V – fusible 7.5A



(2)



Quad II - 17 l/min max

Kit washing including :

- A automatic pump à membrane
- Gun
- filters and 2 fittings ringed 3/4" for pipe of 19mm

Ref : AR09300 12V – fusible 15

Ref : AR09301 24V – fusible 7



(3)



Par Max 7 - 26.5 l/min max

Kit washing including :

- A electric pump auto-amorçante
- embouts cannelés 19 mm : 2 coudes à 90° et 2 droits
- Filtre emboîtable
- pistolet et disjoncteur
- flexible de 7.5m

Ref : AR10671 12V – 28A

Ref : AR10672 24V – 14A

Pompes d'évacuation

Shower drain system Rule

- Allows to drain 2 or 3 shower trays together.
- Pump submersible more contactor to float fixed in the tank and protected by a filter, valve of non-return on the refoulement.
- Transparent cover.
- Débit max 49 litres/min. 39,7 litres/min à 0,91m, et 30,3 litres/min à 1,83m.
- Raccords pour tuyau de 19, 25, 28 et 38mm.
- Dimensions : 238x286x130mm.



Ref : AR10693 12V-Fusible 5A

Ref : AR10697 24V-Fusible 2.5A

Shower drain system Tecma

The Sanisplit is a pump which is used to transfer water to bidet to the collecting tank, independtly du gradient of inclination allowing an adaptation of shower and sink. The system Sanisplit has a powerful and silent centrifugal pump. It is controlled by pressostat which lauched the pump when the water arrives in the collecting tank de l'appareil.

The part removable du system Sanisplit containing the pump and the switch beings want rapidly dismount from the fixed part, containing the collecting tank, which greatly facilitated maintenance and cleaned. A valve non-rturn prevents water pumped return en sens inverse.

Il existe en 12V, 24V et 230V

Ref : AR19845 24V



Tank and filters for pump



Model with membrane interne.
Capacity 1 litre.
Valve of type chambre à air
pneumatic.
Pressurized to 0.7 bar.
Pressure max admissible 8.6 bars.
Livré avec raccords annelés 1/2" (13mm) et mâles filetés 1/2" (13mm).
Dim. : 337x119 mm. Poids : 0.7 kg
Ref : AR10678



Model with membrane interne.
Capacity 0.65 litres.
Valve de type chambre à air pneumatic.
Pressurized to 0.7 bar.
Pressure max admissible 8.6 bars.
Comes with fitting annelés 1/2" (13mm) et mâles filetés 1/2" (13mm).
Dim. : 214x119mm. Poids 0.44kg
Ref : AR10701



Large tank capacity,
pressurized
Ref : AR09581 2 L
Ref : AR09585 20 L



Filter for protection of pump à membrane on water circuit.
It installed between the tank and the pump.
Ref : AR10801 Maille fine,
Input/output 1/2" fileté
Ref : AR10798 Maille fine,
Input/output 1/2" annelé



Filter to 90° raccord rapide
Maille fine, Input/output
1/2" annelé
Ref : AR10807



Filter for protection of pump à membrane on water circuit.
It installed between the tank and the pump.
Maille fine :
Réf : AR10804 Input/output 3/4" annelé
Réf : AR10800 Input/output 1/2" fileté
Maille grosse :
Réf : AR10797 Input/output 3/4" annelé
Réf : AR10799 Input/output 1/2" annelé

Maintenance for pump and watermaker in our workshop



**35 ZI DE L'ARGILE
06370 MOUANS SARTOUX**

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CHAPTER 7 : CLEANING PRODUCTS

- **TANK MAINTENANCE**
- **BILGE MAINTENANCE**
- **FUEL TREATMENTS**
- **WC TREATMENTS**

WATER,HOLDING AND WASTE TANK MAINTENANCE :



WATER PURIFIER FOR HOLDING TANKS

Water-soluble bacteriological dosage which eliminates organic elements on a continuous basis. Liquefies rapidly all organic waste products - Prevents pipes being blocked - Stops unpleasant odours caused by fermentation. Biodegradable. Can of 6 doses of 30 grs or 50 doses of 30 grs.

Reference	Product
AR2118	BIO ZYM 6 DOSES 30GR



SPECIAL FLEXIBLE HOLDING TANK SEAL PREVENTING BAD ODOURS RISING

YO-DE is a blue flexible sealing layer resting on the surface, which helps reduce emission of bad odours from black liquor. Several millimetres thick, YO-DE makes the waste contained in the "holding tank" black liquor reservoir completely airtight. YO-DE is manufactured from constituents chosen for their biodegradability. YO-DE is a stable and non-volatile product whose boiling point is considerably higher than water. YO-DE is not classed as a marine pollutant according to the International Maritime Dangerous Goods (IMDG) Code. Further YO-DE - conforms to quality specifications of the French pharmacopoeia and European codes. - is not classed as a dangerous, toxic or harmful preparation according to European Directive 88/379. YO-DE is neutral not altering metals or normal materials. INSTRUCTIONS FOR USE: Pour into the toilet and pump. To work out how much product to use, calculate the surface area of your reservoir. For 0.20m², use 2 litres. For example, for a 60 x 40 x 60 cm tank, i.e. a surface area of 0.24m², 2.4 litres would be needed to attain a seal one centimetre thick. Every time the tank is emptied, pour in the dose required to create a seal.

Reference	Product
AR2119	YO-DE 2L



ECOLOGICAL TREATMENT FOR GREY WATERS TANKS

BIOFOS is an ecological treatment based on bacteria and enzymes. BIOFOS liquefies and degrades organic deposits and fatty substances in waste water tanks. BIOFOS leaves a pleasant fresh odor. BIOFOS allows the reduction of the maintenance and clearing-out of tanks. BIOFOS limits the risks of obturation and corrosion. BIOFOS penetrates, emulsifies and liquefies fatty substances. BIOFOS is dispersible in water in any proportions. BIOFOS does not contain pathogenic bacteria.

Reference	Product
AR21128	BIOFOS 1L



DISINFECTANT FOR WATER TANKS

Powerful purifier developed to reduce significantly the proliferation of bacteria in water tanks. Prevents microbial fermentation. Does not damage the skin, eyes and mucous membranes unlike other disinfectants. Manufactured from ingredients chosen for their biodegradability and their compatibility with the environment. Treatment : 25 ml for 100 liters of water. Free from silver nitrate. For Daily care. Can of 1 litre and 5 litres.

Reference	Product
AR21130	KILBACTE 1L



CONCENTRATED ANTI-BACTERIAL PURIFIER FOR WATER TANKS

Concentrated purifier specially developed to reduce and prevent the proliferation of bacteria in water tanks. Does not affect skin, eyes and mucous membranes. Manufactured from ingredients chosen for their biodegradability and their compatibility with the environment. Treatment : 100 ml for 700 litres of water. Free from silver nitrate. Specially for storage. Can of 200 ml.

Reference	Product
AR21127	BACTEND 125ml

BILGE MAINTENANCE :



BILGE AND ENGINE CONCENTRATED CLEANER AQUAEUOUS BASED

European standards. Emulsifying solvent for security. Biodegradable > 99 % - high ignition point. For elimination of mineral oils both crud and refined. No corrosive - no caustic - no toxic Use pur or diluted. Can of 1L and 5L.

Reference	Product
AR2117	D.05/11 1L



POWERFUL EUCALYPTUS-BASED WATER PURIFIER

Powerful eucalyptus-based purifier which neutralises bacterial proliferation in water holds. It is a bactericide conforming to AFNOR standard 72150. Eliminates nauseous odours. Manufactured from ingredients chosen for their biodegradability and their compatibility with the environment. Dilute 2 to 6 cups in 5 litres of water. Pour the mixture in the water of hold. Let act.

Reference	Product
AR21181	BACTOFOR

FUEL TREATMENTS :



BIOCIDE TREATMENT FOR FUEL

Biocid effect. Avoid bacterial mud formation and corrosion scale that block up filters. Prevents combustion additives destruction. Non-flammable and soluble in hydrocarbons fuel oil, diesel oil at recommended concentration. Soluble in water too. Treatment 100 ml for 1000 litres of fuel. Can of 100 ml, 1 L and 5L.

Reference	Product
AR21125	BACT FUEL 1L



GUARD TREATMENT FOR FUEL

Restricts water rise in fuel during storage. Dissolves mires on the tank bottom. Neutralizes SO₂ and CO₂. Prevents rust formation in fuel oil-pump, water separators, filters and injectors. Keeps motor clean. Decreases freezing point of - 20° and dissolves paraffin. Treatment 100 ml for 400 litres of fuel. Can of 100 ml, 1L and 5L.

Reference	Product
AR21129	COMBI FUEL 1L

WC TREATMENTS :



SPECIAL TREATMENT FOR W.C.

Combination of cleaning and penetrating agents chosen for their biodegradability and compatibility with environment. Components with antiseptic functions, glutaraldehyde-based. Liquefaction and reduction of faecal and organic matter. Neutralisation of bad smells. Bacteriological sanitation guaranteeing perfect hygiene conditions. Product ready to use. Pour 2 quantities of 25 ml in the washbowl. Can of 1 L and 5L.

Reference	Product
AR21126	BIOCHEM 1L



CLEANING DESCALING IN GEL FOR W.C.

TEUB is a cleaning gel which restores the cleanliness and the new shine of WC washbowls, even those heavily scaled. Thanks to its packaging equipped with a sloping neck, it enables you to descale and disinfect the most difficult to reach areas while deodorising the cleaned parts at the same time. The TEUB descaling action is not lessened by the presence of sea water contrary to other descalers whose action is slowed down by sea water. TEUB is used as follows: To start with, apply the gel on the rim of the washbowls then over the whole surface. Leave the descaler to react a few minutes depending on the thickness of the scale and pump. In the event of particularly scaly washbowls, apply TEUB in the evening, leave to react all night then flush the chain.

Reference	Product
AR21131	TEUB 1L



TOILET PAPER

Toilet paper special chemical marine toilets. Biodegradable - Environmentally friendly because made 100% out of recycled paper. With the characteristic to submerge itself well in contact with water and to be biodegradable. Strongly advised for the electric W.C. and Holding Tanks.

Reference
AR21132

Product
MATT PAPER



QUICK ACTING LIQUID CAUSTIC CLEANER FOR PIPING

Quick acting liquid caustic cleaner which unblocks piping without any attack and without any dismantling being involved. In a few minutes MATT FLOW decomposes and dissolves cellulosic plant derivatives like cotton, fatty and soapy agglomerates, hair and scale deposits of organic origin. Attacks neither rubber, PVC or copper.

Reference
AR21180

Product
MATT FLOW





DESOXYDANT, LUBRIFIANT, DEGOUDRONNANT

CPRODEGRIP is a releasing agent, deoxidizer, anti-moisture, lubricant, degreaser, Tar remover, scrub, thinner inks, anti-resin, coatings and sealants for cleaning biodegradable
VOC (Volatile Organic Compounds)

<i>Référence</i>	<i>Désignation</i>
AR21653	CPRODEGRIP 400 ML



NETTOYANT UNIVERSEL MULTI-SURFACE

CPROSTONE is made from natural elements, preserve the environment and health, biodegradable.
Cleans, degreases, descaled, maintains and protects all washable hard surfaces with water

<i>Référence</i>	<i>Désignation</i>
AR21654	CPROSTONE 550 GR



DEROULLANT, DETARTRANT

CPRORUST is descaler removes rust is a compound of aqueous organic salt that replaces mineral acids to remove rust and limescale from surfaces (iron, steel, copper, brass, glass nickel, steel, lead, rubber, plastic, gelcoat ...). Non-corrosive, it can treat surfaces without altered while respecting the sensitive parts (seals ...). Diluted with water to 50%, it rains déjaunissant be used as a boat hull or as a cleaner for car rims (rinse thoroughly with water after application).
The CPRORUST descaler is a high performance, formidable to remove concretions, higher efficiency than conventional mineral acids !

<i>Référence</i>	<i>Désignation</i>
AR21655	CPRORUST 500 ML



NETTOYANT ET DEGRAISSANT COQUE, PONT ET CALE MOTEUR

CPRODECK, degreases and cleans all types of media: aluminum, steel, wood varnish, gelcoat, acrylic, epoxy, polyurethane, anti fouling...

<i>Référence</i>	<i>Désignation</i>
AR21656	CPRODECK 500 ML
AR21657	CPRODECK 5 L
AR21658	CPRODECK 30 L



NETTOYANT ET DEGRAISSANT MOTEUR ET PIECES MECANQUES

CPROMECA, dissolves and removes oily and fatty deposits on all mechanical parts. Residues of burnt engine.
Rinse with water.

<i>Référence</i>	<i>Désignation</i>
AR21660	CPROMECA 500 ML
AR21661	CPROMECA 5 L
AR21662	CPROMECA 30 L

SOLVANT ET DILUANT PEINTURE



CPROPAIN'T, degreases and cleans all types of painting: varnish, glycéros ...
Cleans stains on floors and fresh paint woodwork.
Dry without a trace.
Care and cleaning of painting equipment (brushes, gun ...)

<i>Référence</i>	<i>Désignation</i>
AR21659	CPROPAIN'T 500 ML

SHAMPOOING ET LUSTRANT COQUE ET PONT



CPROSHAMP, cleans and polishes hull and deck.

Eliminates traces of fuel. Leaves no trace on the glass surfaces and the gelcoat.

Antistatic film (avoids water marks on the walls after application)

<i>Référence</i>	<i>Désignation</i>
AR21663	CPROSHAMP 1 L
AR21664	CPROSHAMP 5 L

BRILLANTEUR PROTECTEUR DE GELCOAT



CPROEXTRA, cleans, shines and protects painted surfaces thanks to its essential oils and brighteners.

Renovator plastic (foam green mold ...)

Removes traces of insects, tar and hydrocarbon.

Effective for boat hulls (gelcoat).

<i>Référence</i>	<i>Désignation</i>
AR21666	CPROEXTRA 500 ML
AR21667	CPROEXTRA 5 L
AR21668	CPROEXTRA 30 L

SOLVANT DEGRAISSANT PNEUMATIQUE ET SEMI-RIGIDE



CPRORIB Powerful degreaser that cleans respecting the surfaces (PVC, Hypalon, neoprene ...)

Quickly and effectively removes the veil of dirt covering the schedules and air.

<i>Référence</i>	<i>Désignation</i>
AR21669	CPRORIB 500 ML
AR21670	CPRORIB 5 L



NETTOYANT SURFACES VITREES

CPROGLASS, cleans all multimedia screens and glass surfaces (solar panels, windows, mirrors, plexiglass ...)

Cleanses dirt on solar panels.

Leaves no trace.

<i>Référence</i>	<i>Désignation</i>
AR21671	CPROGLASS 500 ML
AR21673	CPROGLASS 5 L
AR21675	CPROGLASS 30 L



TRAITEMENT WC CHIMIQUE ET TANKS

CPROTANK mask and reduces odors. Hydrolysis and degrades the organic materials.

Thanks to its pleasant fragrance perfume "coniferous", breathing clean.

Colors the water of your tank.

<i>Référence</i>	<i>Désignation</i>
AR21676	CPROTANK



Absorbent :



Absorbent sheet « first »

Thick	Dimension (cm)	Numbre	Weight	Absorbent power / U.V	Reference
Simple	0.40 x 0.50 cm	200 Sheet	7.2 kg	144 L	AR21595*
Double	0.40 x 0.50 cm	100 Sheet	6 kg	113 L	AR21596*

*Available for all liquide (specify at order)

Kit absorbent

Model	Composition	Dimensions L x l x ép.(cm)	Weight (kg)	Absorbent power (l)	Reference
 Kit 20 Litres (Sac)	Transaprent PVC bag includ : 32 Sheet First HW 30 x 30 cm, 1 Small flange Ø 7 cm x 1,20 m, 5 wiping cloths 2 Waste bag 1 gloves	32 x 32 x 15	1.3	20	AR21597*
 Kit 50 Litres (Sac)	Transaprent PVC bag Includ : 35 sheet First HW 40 x 50 cm 3 small flange Ø 7 cm x 1,20 m 10 wiping cloths 3 waste bag 1 gloves	60 x 40 x 20	3.5	50	AR21601*
 Kit 50 Litres (Boite)	PE box Includ : 35 sheets First HW 40 x 50 cm 3 small flange Ø 7 cm x 1,20 m 10 wiping cloths 2 waste bag 1 gloves	58 x 39 x 33	4.4	50	AR21602*
 Kit 75 Litres (Sac)	PVC bag Includ : 35 sheet First HW 40 x 50 cm 3 flange Ø 7 cm x 1,20 m 1 small flange Ø 7 cm x 3 m 2 coussins 40 x 40 cm 10 wiping cloths 3 waste bag 1 gloves	50 x 50 x 25	6.1	75	AR21603*

*Available for all liquide (specify at order)



**Kit 75 Litres
(Boite)**

Plastic box
Includ : 35 sheets First
HW 40 x 50 cm 3 flange Ø
7 cm x 1,20 m 1 petit
boudin Ø 7 cm x 3 m 2
coussins 40 x 40 cm 10
wiping cloths 3 waste bag
1 gloves

80 x 43 x 38

9.7

75

AR21604*



**Kit 100 Litres
(Sac)**

PVC bag
includ : 50 Sheets First
HW 40 x 50 cm 2 flange Ø
7 cm x 1,20 m 2 flange Ø 7
cm x 3 m 2 coussins 40 x
40 cm wiping cloths 5
waste bag 1 gloves

50 x 50 x 25

7.6

100

AR21605*



**Kit 100 Litres
(Boite)**

PVC box
Includ : 50 sheet First HW
40 x 50 cm 2 flange Ø 7
cm x 1,20 m 2 flange Ø 7
cm x 3 m 2 coussins 40 x
40 cm 15 wiping cloths
5 waste bag 1 gloves

80 x 43 x 38

11.2

100

AR21606*

*Available for all liquide (specify at order)

**Kits are available up to 730 litres.
Please contact us for more information.**



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CHAPTER 9 : COMFORT



- BOILER
- REFREGERATOR
- TRAVEL BOX REFREGERATOR
- FREEZER
- WINE CELLAR
- ICE MAKER

BOILERS :



NAUTIC BOILER BX

The tank is made of 1,5 mm gauge 316 Aisi stainless steel.

Casing in 304 Aisi stainless steel

The electrical heating element is made of incoloy steel 220V or 115V (on request)

Resistant to galvanic corrosion

Heat exchanger with wide exchange surface

The thermal insulation is high density polyurethane foam

Provided with relief/non return valve

INSTALLATION: Vertical or horizontal

<i>Tank capacity L</i>	<i>Tank Capacity Gallion</i>	<i>Supply V</i>	<i>Exchangur</i>	<i>Tank pressure</i>	<i>dimensions</i>	<i>Weight (kg)</i>	<i>Reference</i>
15	3,9	220	Oui	8 bar	300x405	9,5	AR20061
20	5,3	220	Oui	8 bar	300x500	10,9	AR20062
25	6,6	220	Oui	8 bar	300x605	12,3	AR20063
26	6,87	220	Oui	8 bar	360x425	12,3	AR20064
30	7,9	220	Oui	8 bar	360x495	12,6	AR20065
40	10,5	220	Oui	8 bar	360x620	14,7	AR20066
41	10,83	220	Oui	8 bar	400x500	15	AR20067
50	13,2	220	Oui	8 bar	400x610	17	AR20068
60	15,8	220	Oui	8 bar	400x715	19	AR20069
80	21,1	220	Oui	8 bar	400x905	22,7	AR20070
100	26,4	220	Oui	8 bar	400x1105	26,4	AR20072



The special composite material of the coating guarantees

high-resistance to impact and marine

corrosion and it allows a high anageability during installation.

The tank is made of 1,5 mm gauge 316 Aisi stainless steel.

The electrical heating element is made of incoloy steel resistant to galvanic corrosion. Heat exchanger with wide exchange surface

<i>Tank capacity L</i>	<i>Tank Capacity Gallion</i>	<i>Supply V</i>	<i>Exchangur</i>	<i>Tank pressure</i>	<i>Dimensions</i>	<i>Weight (kg)</i>	<i>Reference</i>
15	3,9	220	Oui	8 bar	300x405	7	AR20076
20	5,3	220	Oui	8 bar	300x500	8,1	AR20077
25	6,6	220	Oui	8 bar	300x605	8,5	AR20078
30	7,9	220	Oui	8 bar	360x495	10,5	AR20079
40	10,5	220	Oui	8 bar	360x620	11,7	AR20080
60	15,8	220	Oui	8 bar	400x721	14,6	AR20084
80	21,1	220	Oui	8 bar	400x721	17,8	AR20085



NAUTIC BOILER BK 160/200L

Casing in PVC and composite material – tank in AISI stainless steel

High quality materials

Heat exchanger with wide exchange surface

Produces hot water from the electric element ,that is fitted with an adjustable safety thermostat

Relief/non-return valve that allows discharging of the water heater in case of disuse

Temperature control panel

Adjustable levelling feet

<i>Tank capacity L</i>	<i>Tank Capacity Gallion</i>	<i>Supply V</i>	<i>Exchangur</i>	<i>Tank pressure</i>	<i>Dimensions</i>	<i>Reference</i>
160	42,3	220	Oui	8 bar	630x056	AR20093
200	52,8	220	Oui	8 bar	630x1329	AR20094
200	52,8	400	oui	8 bar	630x1329	AR20095



BOILER GIANNESCHI

Boiler in AISI 316 stainless steel

Insulation: mineral wool

Supply with resistance with safety thermostat

Available in horizontal or vertical version,

Or with 5Kw resistance(on request)

Non return valve install on cold water entry

<i>Model</i>	<i>Tank capacity L</i>	<i>Supply V</i>	<i>Power KW</i>	<i>dimensions</i>	<i>Weight KG</i>	<i>Reference</i>
25B100	100	230	1,5	460x920	46	AR20102
25B100T	100	230/400	3	460x920	46	AR20103
25B120	120	230	1,5	460x1120	68	AR20104
25B120T	120	230/400	3	460x1120	68	AR20105
03BOL1500R	150	230/400	3+3	510x1000	46	AR20106
03BOL200VE	200	230/400	3+3	510x1200	68	AR20107

REFRIGERATOR :



CRUISE REFRIGERATORS

Designed for nautical application:

Operate noiselessly, be thoroughly reliable and consume a minimum battery power

Grey door panels

Door with a safety lock and magnetic rubber seal

Fan cooled 12/24 Volt danfoss compressor

The compressor unit is easily removed and can be mounted in any vertical position up to 1,5 m

Provided with a manual thermostat

Temperature is adjusted by a thermostat which also has an on- off switch

System 12V: sensor turns off at 10V (it starts at 12V)

System 24V: sensor turns off at 21V (it starts at 24V)

Panel door: standard grey (on request is available white, teak, mahogany, cherry)



<i>Model</i>	<i>Supply V</i>	<i>Total volume lt</i>	<i>Volume freezer</i>	<i>Dimensions</i>	<i>Weight KG</i>	<i>Conso Max</i>	<i>Reference</i>
CRUISE 42	12-24	42	4	525x380x475	16	2,7	AR20013
CRUISE 49	12-24	49	4	525x380x470	16	2,7	AR20087
CRUISE 65	12-24	65	4	530x450x500	18	2,7	AR20089
CRUISE 85	12-24	85	8	625x475x515	20	4	AR20090

TRAVEL BOX REFRIGERATOR :



BUILT IN REFRIGERATOR BI 40

Compact and efficient refrigerator

Fan cooled side mounted compressor unit is easily repositioned up to 1,5 m away

One insulation with rubber seal for the lid

<i>Model</i>	<i>Supply V</i>	<i>Total volume lt</i>	<i>Dimensions</i>	<i>Weight KG</i>	<i>Conso Max</i>	<i>Reference</i>
BI - 40	12 - 24	40	420 x 405 x 560	16	2,5	AR20039



Designed for outdoor conditions
Extra thick insulations means low power consumption

<i>Model</i>	<i>Supply V</i>	<i>Total volume lt</i>	<i>Dimensions</i>	<i>Weight KG</i>	<i>Conso Max</i>	<i>Reference</i>
TB-50	12 - 24	50	480 x 775 x 450	20	5A	AR20053
TB-42	12 - 24	42	440 x 415 x 630	20	5A	AR20081



TRAVEL BOX REFRIGERATORS TB32/A

Completely new injection moulded cabinet and a blow moulded detachable lid
Combining robustness with a precision finish
Equipped with internal light
Equipped with AC/DC converter
Included an electronic thermostat with ECO function
Low power consumption
A speed compressor is also provided as standard

<i>Model</i>	<i>Supply V</i>	<i>Total volume lt</i>	<i>Dimensions</i>	<i>Weight KG</i>	<i>Conso max</i>	<i>Reference</i>
TB-32/A	12/24 - 115/230	32	380 x 350 x 585	22	4 A	AR20037



STAINLESS STEEL FREEZER

Four separate lids
The door is totally flush with an integrated door latch in the front

<i>Model</i>	<i>Supply V</i>	<i>Total volume lt</i>	<i>Dimensions</i>	<i>Weight KG</i>	<i>Conso Max</i>	<i>Reference</i>
TB-26	12 - 24	26	385 x 350 x 580	14	2,5 A	AR20038

FREEZER :



STAINLESS STEEL FREEZER
Four separate lids
The door is totally flush with an integrated door latch in the front



<i>Model</i>	<i>Supply V</i>	<i>Total volume lt</i>	<i>Dimensions</i>	<i>Weight KG</i>	<i>Conso Max</i>	<i>Reference</i>
CRUISE 90F	12 - 24	90	745 x 525 x 505	25	2,7 A	AR20040
CRUISE 63F	12 - 24	63	625 x 475 x 505	22	2,7 A	AR20082

WINE CELLAR :



Resistant metal structure, no need ventilation grills.
Maximum capacity obtained to remove the wooden bars
Double closing system. Compressor CFC free.
Internal light

<i>Model</i>	<i>Supply V</i>	<i>Bottle capacity</i>	<i>Dimensions</i>	<i>Weight KG</i>	<i>Code</i>
WC 23	230	27	462x588x538	30.5	AR20019
WC 35	230	45	715x588x555	32.5	AR20022

ICE MAKER :



In stainless steel
Fully automatic (internal 4lt tank)
It can be connected to an external supply for a better range.
Spray system for perfect ice cubes
Cooling unit R404A (0.140 Kg)
CE-IMQ Certifications

<i>Model</i>	<i>Supply</i>	<i>Aborb. W</i>	<i>Internal tank</i>	<i>External connection water</i>	<i>Dim.</i>	<i>weight</i>	<i>Ice produced 24h</i>	<i>Reference</i>
ICE MAKER	230	320	4 LT	yes	582 x 353 x 405	28	19 Kg	AR20054

CHAPITRE 10 : POLLUTION CONTROL ANTI FIRE

- **BOOM**
- **SKIMMER**
- **ANALYSIS SYSTEM**
- **ATEX EQUIPEMENT**
- **FIRE TOOL**

Boom

Barrage INLAND 15

The dam INLAND 15X15 is recommended for use with a moderate wind and current, shallow water. The dam INLAND 15x22, with a skirt higher, can be used by companies sanitized -ments and intervention as it covers a wider range of uses. The dam INLAND 15X30 is used when there is wind and current significantly.



Model	15 x 30
Air draft (cm)	15
Draft (cm)	30
Heig (cm)	45
Material	Tissu JATON 745 gr/m²
Color	Orange
Quick attach	ASTM
Lenght	15-30m



INLAND 10 : 10 x 15 cm

Réf 15x30 10m : AR21611
 Réf 15x30 15m : AR21612
 Réf 15x30 30m : AR21613

Other type of boom on demand

Accessories for anchor boom

Model	Reference
Leading ballast 0.75 kg	AR21641
Anchoring system on the cob, comprising: a spade anchor 12kg + 2m + 1 chain of pig20kg + control with a hook and loop + 1 buoy	AR21642
Anchor stake of 28 mm in length and 1.20m	AR21643
Masse de 3kg avec manche en fibre NOVA	AR21644
Système d'ancrage sur berge : 3 plaques + 12 piquets + 1 manille	AR21645
Extractor ord	AR21646
Magnetic anchor 200kg	AR21647
Magnetic anchor 500kg	AR21648
Magnetic anchor 1000kg	AR21649



Anchoring system



Extractor ord



Magnetic anchor



Magnetic anchor



Systèmes écremeurs KOMARA autonomes

Les systèmes écremeurs KOMARA sont des kits complets et autonomes pour intervention d'urgence en cas de déversement d'hydrocarbures. Ils se composent d'une tête écremeur flottante (5 cm d'eau mini) + 1 groupe hydraulique DIESEL + 1 pompe + 1 kit de flexibles de raccordement.

Le choix se fait essentiellement en fonction de la capacité de récupération du système.

1 - CARACTÉRISTIQUES DES TÊTES ÉCREMEURS

Référence	KOMARA7	KOMARADUO	KOMARA20	KOMARAMIDI	KOMARA40
Quantité maxi récupéré (m³/h)	6,4	14	23	30	52
Dimensions L x l x h (cm)	88 x 50 x 43	88 x 88 x 43	121 x 121 x 45	121 x 121 x 45	179 x 175 x 107
Poids (kg)	19	38	52	52	230
Nombre de disque oléophiles	1 x 8	2 x 8 (ou 2 brosses)	4 x 8	4 x 8	6 x 8
Vitesse de rotation des disques (rpm)	0 à 90	0 à 60	0 à 80	0 à 80	0 à 100



Tête KOMARA7



Tête KOMARA DUO



Tête KOMARA 20



Tête KOMARA MIDI



Tête KOMARA 40

2 - CARACTÉRISTIQUES DES GROUPES HYDRAULIQUES

Référence	KOMARA7	KOMARADUO	KOMARA20	KOMARAMIDI	KOMARA40
Puissance moteur DIESEL (kW)	5 kW @ 3600 t/mn	7,4 kW @ 3600 t/mn	7,4 kW @ 3600 t/mn	12 kW @ 3600 t/mn	21,9 kW @ 3000 t/mn
Dimensions L x l x h (cm)	86 x 55 x 64,5	110 x 78 x 94	110 x 78 x 94	123 x 77 x 80	136 x 80 x 106
Poids (kg)	45 + 42 (2 parties)	191	191	225	500
Capacité réservoir diesel (l)	3,5	5,5	5,5	6	60
Particularité	en 2 parties	chariot à roues	chariot à roues	chariot à roues	



Groupe KOMARA7



Groupe KOMARA DUO



Groupe KOMARA 20



Groupe KOMARA MIDI



Groupe KOMARA 40

3 - CARACTÉRISTIQUES DES POMPES DE TRANSFERT

Référence	KOMARA7	KOMARADUO	KOMARA20	KOMARAMIDI	KOMARA40
Débit maxi pompe seule (m³/h)	10	15	42	60	60
Dimensions L x l x h (cm)	67 x 61 x 32	67,5 x 75,5 x 38	62 x 44 x 39	73 x 63 x 106	la pompe est intégrée dans le groupe hydraulique
Poids (kg)	23	32	50	100	
Particularité	flottante	flottante	-	chariot à roues	
Type de moteur	hydraulique	hydraulique	hydraulique	hydraulique	hydraulique



Pompe KOMARA7



Pompe KOMARA DUO



Pompe KOMARA 20



Pompe KOMARA MIDI



Pompe KOMARA 40

4 - CARACTÉRISTIQUES DES KITS DE FLEXIBLES HYDRAULIQUES & POMPE (avec raccords)

Référence	KOMARA7	KOMARADUO	KOMARA20	KOMARAMIDI	KOMARA40
Longueur maxi kit flexibles hydrauliques (m)	15 m - 6 flexibles	15 m - 6 flexibles	15 m - 4 flexibles	15 m - 4 flexibles	15 m - 6 flexibles
Flexible d'aspiration (Ø en " x longueur en m)	Ø 2" x 1 m	Ø 2 1/2" x 1 m	Ø 3" x 10 m	Ø 4" x 10 m	-
Flexible de refoulement (Ø en " x longueur en m)	Ø 2" x 10 m	Ø 2 1/2" x 15 m	Ø 3" x 10 m	Ø 3" x 10 m	Ø 4" x 30 m

- **Analysis systems**

Pooltest 3

This professional photometer is intended for analysis of water. Regular analysis of water is essential for effective disinfection and pH control. The photometer Pooltest 3 allows the analysis of three parameters:

1. Chlore libre (DPD1) et chlore total (DPD3) : 0,01 - 5,0 mg/l
2. pH : 6,8 - 8,4
3. Acide cyanurique (stabilisant de chlore) : 2 - 200 mg/l

Caract.

- Analysis for chlorine, pH and cyanuric acid
- Easy to use with universal symbols
- Large screen visual
- Filters with wavelength narrow band for better accuracy
- Way of cell longer, increased sensitivity
- The instrument system remembers the setting of white and zero. Opportunity also to keep 10 readings in memory
- Rugged and waterproof, IP 67 standard
- Optional extended range for the analysis of chlorine (0-10 mg / l)



Référence : AR21615

Type of instrument	Direct reading colorimeter with dual wavelength	
Optiques	Palintest optical system with dual LED light. Wavelength filters with narrow band and photodetectors.	
Largeur de bande du filtre	10nm	
Ecran LCD	128 x 64 pixel	
Temperature	0 à 50°C	
Batteries	2 x 1.5V 'AA'	
Size	150 x 65 x 40 mm	
Weight	200g	

Aquachek

Caract.

Designed for owners of pool and spa, the Digital Test Strip Reader AquaChek TruTest combines ease of use and accuracy. Simply dip a test strip in water and insert it into the test strip reader to get digital fast and accurate results in seconds.

EASY TO USE

- Fast, accurate results in 15 seconds without looking color.
- Large easy to read LCD display for viewing test results.

PRECISION

- Uses technology designed specifically for the analysis of pools and spas.

TECHNICAL INFORMATION

- Results of numerical test for chlorine / bromine reading, the pH and alkalinity total. Reporting values "low," OK "or" high "value for each test.
- Waterproof
- Memory function (records the last 9 test results.
- Power supply: 2 AA alkaline batteries (not included)

KIT INCLUDE

- Digital test strip reader test strips TruTest
- User Guide in 15 languages
- Information processing and maintenance of swimming pools
- 25 test strips TruTest



Référence : AR21614

We have partnered with a company that deals with the analysis of your fuel.
For information on an analysis of fuel thank you for contacting us.

35, ZI de l'Argile, allée C
06370 Mouans Sartoux
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Fax : +33 (0)492 283 889
ECO DIST
contact@eco-dist.com

ATEX équipement



Mobile phone



Appareils radio



Lampes portables
Projecteurs portatifs



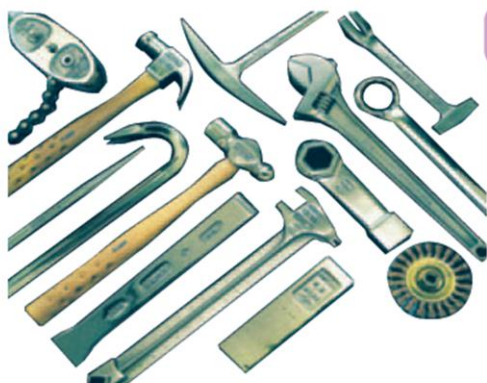
Mini-lampes torches
Pointeurs laser



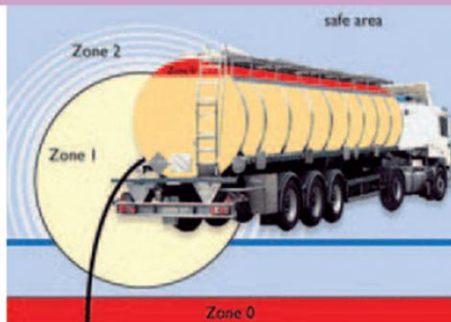
Ordinateurs de bureau,
Pockets PC, transpondeurs



Appareils de mesures,
calibrateurs



◀ Outillage anti étincelles ▶



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- **Atex mobile phone**



The Ex-Handy 07 is a high-end phone ultra-resistant, designed specifically to a ug ductivity of mobile workers and safety professionals whose jobs are among the most stringent in the world. With increased volume, the brightness of its screen and its features, you are sure to always have a particularly reliable. A mobile phone with or without belonging eil camera and two battery capacities, to offer even more flexibility.



- **VHF ATEX**

Professional radio communication in hazardous areas! This is a new portable radiocommunication device specifically designed for professional use this. It offers a safe and reliable voice transmission in hazardous areas. Communicate simply and securely with your colleagues at any time, in any situation.

- programmable channel spacing
- CTCSS, DCS, 2 tone and 5 tone signaling
- Channel Scan (Scan mode)
- Blocking adjustable noise
- Time limit emission (TOT)
- Voice Operated Transmit
- Function emergency call
- device for Lone Worker Alarm (Dati)
- Fashion dead man with a position sensor.

Référence : AR21610

Equipements pour Sapeurs Pompiers



Lances d'incendie



Turbo-pompes
gros débit



Dévidoirs à roues
200 m



Flexibles d'incendie :
refoulement



Tuyaux d'incendie :
aspiration

Lances MONITOR



Tête de diffusion
3000 l/min à 6 bar
débits et jets réglables



Têtes de diffusion à
régulation automatique
de pression et jets
réglables



Lances MONITOR



Embouts mousse bas
foisonnement

Equipements pour l'industrie



Bouchons avec
chaînettes



Coupleurs de
vidange



Demi-raccords à
verrou



Raccords express



Raccords à cames

Equipements pour installations fixes



Armoires d'incendie



Robinet d'Incendie Armés (RIA)



Raccords d'alimentation



Raccords de ventilation

For all fire tool, please contact us

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CHAPTER 11 : STEAM CLEANING

- **STEAMBIO 2000**
- **STEAMBIO 3000**
- **STEAMBIO CAR WASH**
- **VAPBIO**

STEAM CLEANING :

Applications :

- Industry
- Kitchen
- Cleaning car
- Hotel
- Transports

« All the steam machine are delivery with complete kit »

Cleaning and decontamination 100% Ecological

<i>Model</i>	<i>supply/power V/ W</i>	<i>Aspi.</i>	<i>Prod.</i>	<i>Pres / Temp Bars / °C</i>	<i>tank water L</i>	<i>Weight Kg</i>	<i>Code</i>
STEAMBIO 2000	230/2800	no	no	5 / 150	1,5	12	AR21135
STEAMBIO 3000	230/.3400	no	yes	6 / 160	5	27	AR21136
STEAMBIO car Wash	230/4200	yes	yes	6 / 160	5	22	AR21137
VAPBIO	230/4500	yes	yes	8 / 180	5	30	AR21138



Steambio 2000



Steambio 3000



Steambio car Wash



Vapbio

Technical Data Sheet

STEAMBIO 2000, the Steam Cleaning

Semi-professional use



The STEAMBIO 2000 steam cleaner cleans without wetting, due to its dry steam. Robust and compact, it is also very easy to use.

Electrical Characteristics

Power	230V/50Hz
Steam Power	2800 W
Power cable	4 m

Characteristics of Steam

Water Tank	1,5 L
Working pressure / temperature	5 bars – 170°C
maximum pressure	7 bars
water consumption	85g / min
Warm up time	5 min
steam flow	Adjustable

Structure

Weight	12 kg
Dimensions	h 390mm x w 300mm x L 330mm
Case	Inox AISI 304 L Polished stainless. 1.5 mm Depth inox with rounded corners
Water tank	Plastic
Base	4 wheels
Boiler	Inox AISI 304 L, depth 2,5mm

Security

Steam	Safety valve in case of overpressure
Filling system	Visual and audible alerts in case of malfunction
Water tank	Visual and audible alerts if the water tank is empty and automatically stops the production of steam
Sensors	Pressure and temperature on the elements at risk

Technical Data Sheet

STEAMBIO 3000, the steam cleaning.

Semi-intensive professional use.

Steam + product

www.iblspecifik.com - contact@iblspecifik.com - Tél. : 01 41 98 65 55



The steam cleaner professional STEAMBIO 3000 cleans without wetting, due to its dry steam. Can be used with a product. Robust and compact, it is also very easy to use.

Electrical Characteristics

Power	230V/50Hz
Steam Power	3400 W
Vacuum Power	1100 W
Power Cable	4 m

Characteristics of Steam

Water Tank	5 L
Working pressure / temperature	6 bars – 170°C
Maximum pressure	8 bars
Water consumption	85g / min
Warm up time	5 min
Steam Flow	Adjustable

Products characteristics

Product Pump	Manual adjustment
Product Flow	1 liter / hour
Pressure	5 bars

Structure

Weight	27 kg
Dimensions	h 1020mm x w 700mm x L 330mm
Caisse	Inox AISI 304 L 1.5 mm depth inox rounded corners
Water Tank	Plastic
Base	4 wheels
Boiler	Inox AISI 304 L, depth 2,5mm
Resistances	Inox

Security

Steam	Safety valve in case of overpressure
Filling system	Visual and audible alerts in case of malfunction
Water Tank	Visual and audible alerts if the water tank is empty and automatically stops the production of steam
Sensors	Pressure and temperature on the elements at risk

Technical Data Sheet

STEAMBIO Car Wash, steam cleaning car



DESCRIPTION	STEAMBIO CAR WASH
Power (V-Hz)	230-50
Total Power (W)	3000
Current (ampere)	13
Timer (Minutes)	5
Empty water tank	Yes
Boiler	
Boiler capacity (Liters)	2,3
Structure	Inox 304
Boiler Power (Watt)	3000
Steam	
Steam Flow (g/min)	110
Working pressure (Bar)	6
Steam temperature in the boilers (°C)	165
Water	
Water output of the water pump	Yes
Regulation of water output	Yes
Capacity of water tank (Liters)	5
Vacuum	
Vacuum Power (Watt)	1200
Volume Recovery (Liters)	15
Machine Dimensions	
Length (cm)	49
Width (cm)	37
Height (cm)	100
Weight (kg)	22

Technical Data Sheet

VAPBIO, cleaning with steam.

Semi-intensive use.



The steam cleaner professional VAPBIO cleans without wetting, due to its dry steam. Robust and compact, it is also very easy to use.

Electrical Characteristics

Power	230V/50Hz
Steam Power	3000 W
Vacuum Power	1100 W
Power cable	4 m

Characteristics of the Vacuum

Depression	2700mm
Air Flow	250 m ³ /h
External recovery tank	12 L
Aspiration	integrated within steam generator
Decibels	56dB

Characteristics of Steam

Water Tank	5 L
Working Pressure / Temperature	7 bars – 170°C
Maximum Pressure	10 bars
Water consumption	85g / min
Warm up time	5 min
Steam Flow	Presetting according to specifications

Structure

Weight	30kg
Dimensions	h 1000mm x w 420mm x L 280mm
Case	Inox AISI 316 L brushed 2mm depth inox rounded corners
Water Tank	Polyéthylène 4mm unbreakable
Base	Reinforced structure Front wheels screwed in plate anti-deflection Back wheels screwed in inox reinforced frame anti-strain
Boiler	Inox AISI 304 L, depth 2,5mm
Resistances	Alliage INALLOY very high temperature +/-3000°C

Security

Electrical	Fusible
Steam	Safety valve in case of overpressure
Filling system	Visual and audible alerts in case of malfunction
Water Tank	Visual and audible alerts if the water tank is empty and automatic shutdown of the steam
Product Tank	Visual and audible alerts if the product tank is empty
Sensors	Pressure and temperature on the elements at risk

CONDITIONS GENERALES DE VENTE

Toute remise de commande implique de la part de l'acheteur l'acceptation sans réserves de présentes conditions de vente.

CONDITIONS DE VENTE : Nos ventes sont soumises d'une manière générale aux règles de droit français.

PRIX ET FACTURATION : Toutes nos factures sont payables à **ECODISTRIB S.A.R.L.** Nos traites ou acceptation de règlement ne sont pas une dérogation à ce lieu. En cas de contestation, seul le Tribunal de Commerce d'Antibes est compétent même en cas d'appel en garantie ou de pluralité et ce, nonobstant toutes clauses contraires. Nos prix sont donnés sans engagement de durée et nos ventes sont toujours faites en cours. Nous nous réservons le droit de réviser nos prix, même en cours d'exécution d'un marché, si les conditions de main d'œuvre, de matière ou de transport venaient à être modifiées, sauf convention contraire, formulée par écrit, nos prix s'entendent toujours pour la marchandise vendue et agréée départ usine ou départ nos entrepôts.

DELAIS DE LIVRAISON : Nos délais de livraison, ainsi que le transport, ne sont donnés par nous qu'à titre indicatif. Ils s'entendent du départ de nos entrepôts de Mouans-Sartoux, et si sauf imprévu ou en cas de force majeure ; ils sont subordonnés à l'existence d'un stock. Leur non respect ne pourra entraîner la réclamation d'aucune indemnité ou intérêt, l'acheteur renonçant expressément à se prévaloir des dispositions de l'article 161 du Code Civil.

TRANSPORT : Toute expédition de marchandise voyage aux risques et périls du destinataire en port du.

RETOURS : À moins qu'il en soit convenu autrement, les marchandises fournies et acceptées ne seront pas reprises.

MARCHANDISES : Les réclamations concernant les livraisons devront toujours être adressées dans la huitaine qui suivra la réception de la marchandise. Passé ce délai, la facture sera considérée comme acceptée et deviendra exigible en totalité. En cas de vice caché et reconnu, la garantie des marchandises vendues est limitée exclusivement au remplacement pur et simple de celles reconnues défectueuses, à l'exclusion de toute autre indemnité, quelle qu'elle soit. Les travaux sont exigibles suivant les stipulations du devis et de l'accusé en cas de perte de commande. Nous déclinons toute responsabilité en cas de perte, vol, détérioration, etc....du matériel qui nous est confié et qui ne serait pas enlevé dans un délai de 3 mois suivant sont dépôt.

TRAVAUX : Les travaux sont garantis exécutés avec des fournitures de qualité appropriée, mis en œuvre suivant les règles de l'art. La durée de la garantie normale est de douze mois, sauf convention contraire. Les garanties de la société ne s'appliquent pas aux remplacements, ni aux réparations qui résulteraient d'usure de l'installation, de détériorations ou d'accidents provenant de négligences, défaut de surveillance, d'entretien, et d'utilisation défectueuse. La société sera dégagée de toute obligation relative à la garantie si des modifications étaient apportées à son installation sans consentement exprès.

RGLEMENTS : Nos factures sont toujours payables au comptant, sans escompte, à notre siège social, sauf stipulation contraire. Nos traites ou règlement des factures par chèque ou virement n'opèrent ni novation, ni dérogation à cette clause. Tout paiement différé est passible de plein droit d'un intérêt conventionnel légal annuel au jour de la commande majoré de 5 point, et ce, à partir de la date de la commande en cas de paiement prévu comptant, et à compter de l'échéance de l'effet impayé en cas de paiement par traite. Le refus d'acceptation de nos traites ou le défaut de paiement à son échéance rend immédiatement exigible au comptant l'intégralité de notre créance sans mise en demeure préalable. Il entraîne automatiquement la résiliation des marchés en cours et nous libère de tous nos engagements. Au cours de l'exécution d'un marché, avant ou pendant les livraisons, nous nous réservons le droit de réclamer à l'acheteur caution bonne et solvable du prix des fournitures faites ou à faire, et, en cas de refus, de résilier le marché. En cas de recouvrement contentieux, les sommes dues, et ce y compris l'intérêt conventionnel sus-mentionné en cas de paiement différé, seront majorées d'une indemnité égale au taux de l'intérêt légal annuel majoré de 5 points, à titre de clause pénale conformément aux articles 1152 et 1126 du Code Civil, outre les intérêts légaux, frais judiciaires répétables et irrépétables éventuels.

CLAUDE DE RESERVE DE PROPRIETE : Le vendeur se réserve la propriété des marchandises livrées jusqu'au complet paiement du prix, conformément à la loi n°80-335 du 12 mai 1980. A cet égard, ne constitue pas des paiements, au sens de la présente disposition, la remise de traites ou titre créant une obligation de payer. L'acheteur est autorisé, dans le cadre de l'exploitation normale de son établissement, à revendre les marchandises livrées. Mais il ne peut ni les donner, en gage, ni transférer la propriété à titre de garantie. En cas de revente, les droits de la société **ECODISTRIB** se prolonge sur la créance du prix que détient son acheteur sur le sous-acquéreur, de telle sorte que peut être revendiqué le prix ou la partie du prix des marchandises qui n'a pas été payé, ni réglé en valeur, ni compensé en compte courant entre le débiteur et le sous-acquéreur. En cas de saisie ou de toute intervention d'un tiers, l'acheteur est tenu d'en aviser immédiatement le vendeur. Malgré l'application de la présente clause de réserve de propriété, l'acheteur supportera la charge des risques en cas de perte ou de destruction dès livraison des marchandises. Il en supporte également les charges de l'assurance.

Notre garantie est sujette aux conditions suivantes :

A – La garantie de la société **ECODISTRIB** se limite à la récupération ou au remplacement des pièces ou composants défectueux fournis par la société **ECODISTRIB**.

B- Le simple fait d'avoir accepté un matériel pour un usage déterminé par le client implique la seule et unique responsabilité de l'acheteur. La société **ECODISTRIB** ne pourra être tenue responsable si un produit choisi s'avère ne pas remplir ses fonctions ou usages avec toutes les conséquences dues à ce choix.

C- **ECODISTRIB** ne pourrait être tenue responsable pour quelques conséquences que ce soit résultant :

- 1 - Accident survenant d'une utilisation non prévue et le matériel n'est pas adapté.
- 2 – Accident du à la corrosion, usure, surcharge ou utilisations incorrectes.

D- **ECODISTRIB** ne sera pas responsable des frais de transport ou installation associée aux garanties.

E- Tous services par une autre société que **ECODISTRIB** ou représentant officiel de **ECODISTRIB** annulent la garantie à moins que des accords aient été passés entre la dite société et **ECODISTRIB**

F- Notre garantie ne couvre pas les conséquences engendrées par un dommage aux yachts, équipements ou autres propriétés aux personnes.

G- Aucune prise en charge de garantie sur les prototypes, les bateaux de régates ou assimilés, ou engagés dans des régates ou courses de tout t

ECO DIST



TECNICOMAR
DISSALATORI - WATERMAKERS



Facet
International



VACUFLUSH

SFA

TECMA

FLOJET



Quick



PENTEK
Pentair Water

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