



ASF



REEF | SALTWATER | FRESHWATER

www.my-ASF.com

Aquarium System France - ASF

Approved by hobbyists worldwide, Aquarium Systems France (ASF) offers for almost sixty years a unique expertise for public or private tanks. Ever more scientists and hobbyists find in ASF a spirit of tradition and innovations constantly renewed.

Flashback on a salty story...

Perfection is built step by step. It is a memory of intuitions and experiments and the reflect of a long-lasting passion. Founded in 1964, the company built its craftsmanship on a lasting and rigorous practice shortly approved by scientists. Its emblematic sea salt mix, has been its first product and is still nowadays a benchmark for scientific research, approved by thousands of users.

In 1966, in the United States, Niagara Falls public aquarium required ASF to build and maintain a public aquarium using exclusively synthetic seawater, for the first time! It was a successful bet, and it has been quickly reiterated at Mystic Marinelife Aquarium in Connecticut.

In 1978, ASF took an important step forward in the manufacturing of its sea salts. Clownfish reproduction and breeding in pisciculture allowed to improve a formula which has already proven its effectiveness. It was at this time that Alain Bertschy met Professor Bruno Condé, zoologist, distinguished naturalist, and founder of Museum Aquarium of Nancy, especially interested in this approach at the « closest of the living matter ».

A few years of research resulted in 1983 in the first production of sea salt mix in ASF facilities in France. In 1986, ASF expanded its expertise and offered an all-new concept of aquarium heaters: an integrated setting scale for an easier and user-friendly use, the Visitherm.

Three years later, the Visi-Jet water pump was released. We had never seen before an adjustable water pump with flow indicator.

In the early 1990s, a new world first innovative and enriched sea salt has been produced which contains an extra dose of calcium, vitamins, selected oligo-elements, and a neutralizer removing risks of heavy metals from tap water. It is important to know that at that time, using dead corals for tank decoration was common.

Engaged in an approach of species valorisation and protection, ASF wished to encourage the fibre-glass development. The manufacturing of artificial corals was entrusted to local fishermen in a fair activity framework in the Philippines.

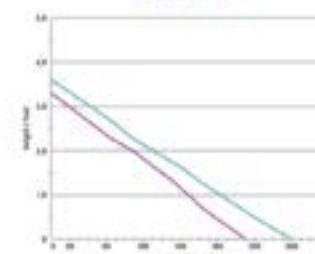
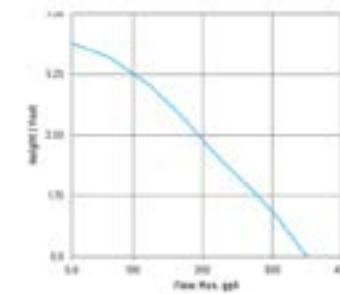
Meeting Peter Wilkens, considered as a father of reef keeping - whose works about importance of calcium for corals have been considerable - allowed to develop the Reef Evolution range. Thanks to a unique formula totally devoid of nitrates, phosphates and silicates, Reef Evolution additives guarantee to keep your livestock in a good health and to dose according to their specific needs. The new Reef Shot range is a direct relative to these developments. Convenient to dose (an all-new and ready-to-use version is now available), easy to use, eco-friendly and 100% French Quality, the entire range developed by ASF is made for each hobbyist from the beginner to the expert.

In 2013, all the accessories range was renewed, modernized to adapt to society needs such as sparing energy and preserving resources. In 2016 appeared the first LED T5 tube range. It is a revolution which allows you to get LEDs advantages just by changing your tubes.

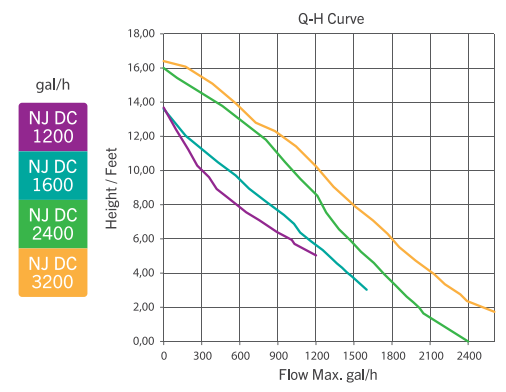
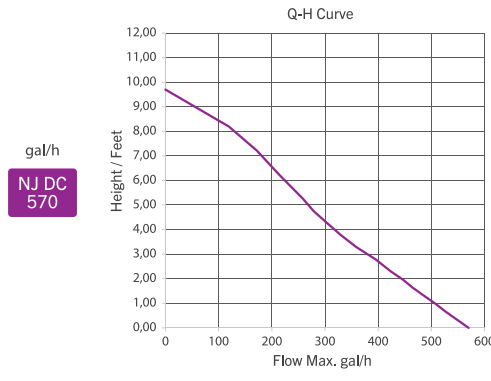
2017 is a pivotal year for ASF group with the launch of Bird and Reptile Systems brands. ASF history allowed the company to develop an expertise in terrarium and bird hobbies. Thirty years of experiences and achievements lead to the development of these new brands for hobbyists worldwide.

2021 has seen the rise of a new era for the ASF group. Based in Italy, a brand new and state of the art facility has been opened to develop and manufacture high quality products for aquariums and terrariums. The factory is the first in Italy to manufacture 6 poles DC motors products. AI is used to develop and perfect hydrodynamics and push even further the energy savings products.

Spreading its expertise worldwide, ASF combines tradition and innovation for more almost sixty years in France, in Italy and in the USA.



PRODUCT NAME	FLOW GPH	ITEM NUMBER	UPC NUMBER
MX 210 Pump	210	222061	3443982220610
MX 260 Pump	260	222062	3443982220627
MX Pro 350 Pump	350	222080	3443982220801



Watts	Flow Max l/h - gal/h	Flow Min l/h - gal/h	Height m/ft	Average W at 1m/4ft height	Average W at 2m/7ft height	Average W at 3m/10ft height
23W	2150 l/h - 570 gal/h	1400 l/h - 370 gal/h	2.90 m / 9.7 ft	5.5W	11W	--
31W	4300 l/h / 1200 gal/h	2600 l/h / 690 gal/h	4.10 m / 13.5 ft	9W	9W	15.5W
62W	6050 l/h / 1600 gal/h	3500 l/h / 930 gal/h	4.10 m / 13.5 ft	16.5W	16.5W	28W
94W	9000 l/h / 2400 gal/h	4360 l/h / 1150 gal/h	4.80 m / 16 ft	17W	17W	37.5W
115W	11500 l/h / 3200 gal/h	4900 l/h / 1300 gal/h	5.00 m / 16 ft	21.5W	21.5W	48.5W



PRODUCT NAME	FLOW GPH (LPH)	ITEM NUMBER	UPC NUMBER
NewJet DC Pump 570	570 (2,150)	222081	3443982220818
NewJet DC Pump 1200	1,200 (4,300)	222082	3443982220825
NewJet DC Pump 1600	1,600 (6,060)	222083	3443982220832
NewJet DC Pump 2400	2,400 (9,085)	222084	3443982220849
NewJet DC Pump 3200	3,200 (12,200)	222085	3443982220856



The diffusion angle is 55-60 degrees
 Lower consumption
 Propeller designed using AI
 Compact design



Smaller pump and lower consumption
 The size has been reduced by 30%.
 D = 52mm - 2 in
 H = 67mm - 2.6 in
 The energy consumption has been reduced by 50%

Dimensions
 D = 53mm - 2.1 in
 H = 84mm - 3.3 in
 Consumption
 3.5W

PRODUCT NAME	FLOW GPH (LPH)	WATTS	ITEM NUMBER	UPC NUMBER
NJ Wavemaker 280	280 (1060)	1.4 w	222087	3443982220870
NJ Wavemaker 530	530 (2006)	1.7 w	222088	3443982220887
NJ Wavemaker 1150	1150 (4353)	4.0 w	Coming Soon	

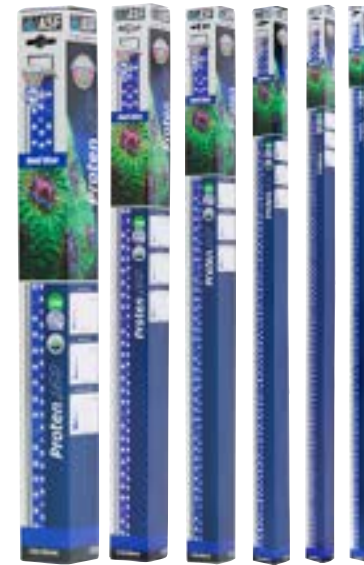
Extendable LED for Freshwater, Marine and Reef Aquariums.



- Provides the ripple effect of natural sunlight in your aquarium.
- Low energy consumption.
- Extendable arms to fit a wide variety of aquariums.
- Dual channel On/Off switch.
- Splash proof aluminum construction.
- 2 year guarantee.
- Easy retro fitting into the vast majority of existing aquarium light fixtures with T5 & T8 fittings. (Included)
- Compatible with ASF Protén LED controller for Bluetooth Dimming. (Sold Separately)

Freshwater

ITEM NUMBER	DESCRIPTION	EXPANDABLE (IN)	SWITCHABLE CHANNELS	WATTS	NUMBER OF LEDS			
					WHITE	RED/PINK	GREEN	TOTAL
217030	Protén LED Freshwater 10" (250 mm)	10" - 18"	2	10 W	31	26	6	63
217031	Protén LED Freshwater 18" (450 mm)	18" - 24"	2	15 W	31	26	6	63
217032	Protén LED Freshwater 24" (600 mm)	24" - 36"	2	20 W	62	52	12	126
217033	Protén LED Freshwater 36" (900 mm)	36" - 48"	2	24 W	93	78	18	189
217034	Protén LED Freshwater 48" (1,200 mm)	48" - 60"	2	36 W	124	104	24	252
218018	Protén LED Freshwater 60" (1,500 mm)	60" - 72"	3	42 W	145	121	28	294

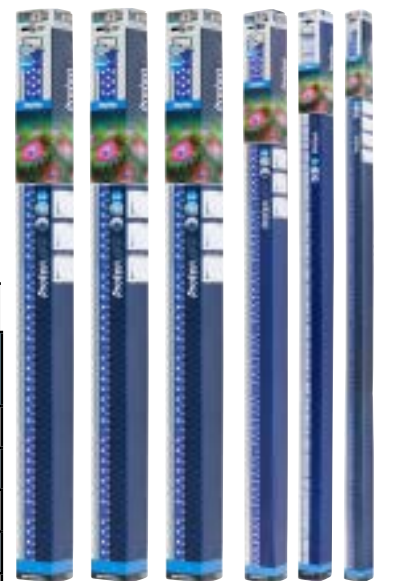


Reef Blue

ITEM NUMBER	DESCRIPTION	EXPANDABLE (IN)	SWITCHABLE CHANNELS	WATTS	NUMBER OF LEDS					
					420NM	400NM	460NM	680NM	700NM	TOTAL
220085	Protén LED Reef Blue 10" (250 mm)	10" - 18"	2	12 W	12	3	21	2	1	39
220086	Protén LED Reef Blue 18" (450 mm)	18" - 24"	2	15 W	24	6	42	3	3	78
220087	Protén LED Reef Blue 24" (600 mm)	24" - 36"	2	20 W	36	9	63	5	4	117
220088	Protén LED Reef Blue 36" (900 mm)	36" - 48"	2	27 W	48	12	84	6	6	156
220089	Protén LED Reef Blue 48" (1,200 mm)	48" - 60"	2	36 W	72	18	126	9	9	234
220090	Protén LED Reef Blue 60" (1,500 mm)	60" - 72"	3	42 W	84	21	147	11	10	273

Marine

ITEM NUMBER	DESCRIPTION	EXPANDABLE (IN)	SWITCHABLE CHANNELS	WATTS	NUMBER OF LEDS			
					WHITE	420NM	460NM	TOTAL
217025	Protén LED Marine 10" (250 mm)	10" - 18"	2	12 W	10	6	23	39
217026	Protén LED Marine 18" (450 mm)	18" - 24"	2	15 W	20	12	46	78
217027	Protén LED Marine 24" (600 mm)	24" - 36"	2	20 W	30	18	69	117
217028	Protén LED Marine 36" (900 mm)	36" - 48"	2	27 W	40	24	92	156
217029	Protén LED Marine 48" (1,200 mm)	48" - 60"	2	36 W	60	36	138	234
218017	Protén LED Marine 60" (1,500 mm)	60" - 72"	3	42 W	70	42	161	273



Reef Evolution Sea Salt



Soft Corals



SPS Corals



LPS Corals



Clams



Fish

Organic ingredients

Amino Acids (10 different)

Vitamins

Enriched in Calcium & Magnesium

No Phosphate, no Ammonia, no Nitrite, no Nitrate



Reef Evolution Sea Salt
7 kg - 15.4 lbs



Reef Evolution Sea Salt
46.3 lbs - 3 x 15 4 lbs bags
61.7 lbs - 4 x 15 4 lbs bags

Product Name	Size	Gal.	Package	Item No.	UPC Number
Reef Evolution Sea Salt	46.3 lbs	160	1 Bucket	222016	3443982220160
Reef Evolution Sea Salt	3 - 15.4 lbs bags	150	3 Bags	222019	3443982220191
Reef Evolution Sea Salt	4 - 15.4 lbs bags	200	4 Bags	222106	3443982220168

Pure & Consistent

When mixed at 38 grams per liter RODI water the solution will have a salinity of 34-35ppt (1.024-1.025 ‰) with water chemistry values will be as follows: Alkalinity 7.5 – 8.0 d°KH, Calcium 430-450 mg/L and Magnesium 1,300 – 1,350 mg/L.



Easy to carry bucket with flat back.



Enhance the growth and color of corals
High solubility
High consistency
Strict QC and QM

Reef Evolution Salt has been formulated to fulfill the needs of reef tanks. With average fish population, with a regular supply of trace elements, calcium, magnesium and alkalinity. It contains food for beneficial bacteria, amino acids and vitamins that support the biological processes in your tank for optimal growth and coloring of your corals as well as the health of your fishes. Reef Evolution salt can be used permanently and for the setting of a new tank.

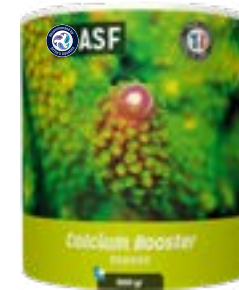
USAGE: Dissolve the required amount of salt in RO water. 35-37 grams of salt dissolved in 1 liter will give you a specific gravity between 1024-1025 at a temperature of 25° Celsius. Agitate until fully dissolved. We recommend a water change of 10 % of the total water volume every 1-2 weeks.

Temperature on arrival at the laboratory (°C)	23.9
Aluminum	50µg/l
Arsenic	0µg/l
Cadmium	0.38µg/l
Chromium	5.0µg/l
Copper	0µg/l
Tin	< 1µg/l
Iron	230.0µg/l
Manganese	56.0µg/l
Mercury	0µg/l
Nickel	< 4µg/l
Lead	6.2µg/l
Zinc	< 20µg/l

Customized analysis	
Hydrogen carbonates	127mg/l
Bromides	62.67mg/l
KH	8d°KH
Fluorides	< 5mg/l
Iodides	< 10mg/l
Chlorides	17900mg/l
Calcium	450mg/l
Magnesium	1350mg/l
Potassium	400.0mg/l
Sodium	10000.0mg/l
Sulphates	2440mg/l
Antimony	< 4µg/l
Boron	8500µg/l
Barium	540µg/l
Cobalt	< 4µg/l
Lithium	25.0µg/l
Molybdenum	160.0µg/l
Selenium	< 4µg/l
Strontium	5700µg/l
Vanadium	< 4µg/l



PRODUCT NAME	ITEM NUMBER	UPC NUMBER
Reef Shots Calcium (24 shots = 16oz)	222070	3443982220702
Reef Shots Strontium (24 shots = 16oz)	222071	3443982220719
Reef Shots Magnesium (24 shots = 16oz)	222072	3443982220726
Reef Shots Iodine (24 shots = 16oz)	222073	3443982220733
Reef Shots Reef Elements (24 shots = 16oz)	222074	3443982220740
Reef Shots Coralline Booster (24 shots = 16oz)	222075	3443982220757
Reef Shots Vitamins (24 shots = 16oz)	222076	3443982220764
Reef Shots Probiotics (24 shots = 16oz)	222077	3443982220771
Reef Shots Reef Bacteria Feed (24 shots = 16oz)	222078	3443982220788



Calcium Powder

Calcium is an essential macro element for the formation of Aragonite, a carbonate mineral necessary for the building blocks of both SPS and LPS corals. ASF Calcium booster contains blended salts of calcium and strontium in the ratio required by corals. It will replenish calcium consumed by growing coral within a reef aquarium.



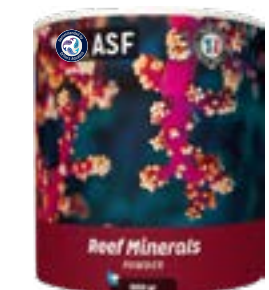
Magnesium Powder

Magnesium is an essential macro element that assists in the regulation of calcium and carbonate concentrations. Low levels of magnesium will cause calcium and carbonate to bond rapidly. Excessive precipitation will drop calcium and carbonate levels resulting in a false uptake. ASF Magnesium Booster will replenish magnesium consumed by growing coral within a reef aquarium.



Alkalinity

Bicarbonate and Carbonate are essential macro elements for the formation of Aragonite, a carbonate mineral necessary for the building blocks of both SPS and LPS corals. ASF alkalinity is a complex of carbonate and other buffers present in seawater that maintain proper alkalinity and pH. It will replenish carbonate levels consumed by growing coral in a reef aquarium. Maintaining a consistent carbonate hardness between 6.5-8.5dKH will allow healthy development within all corals.



Reef Minerals

ASF Reef Base is a blend of all of the corals elements needed for coral skeletons: Calcium, magnesium, strontium & carbonate, with the addition of potassium, bromine and iodine in the unique ratio required by corals. All of these elements need to be available in balanced proportions for positive coral health and growth.

PRODUCT NAME	SIZE	ITEM NUMBER	UPC NUMBER
Calcium Booster	2.2 lbs - 1000gr	222099	3443982220993
Magnesium Booster	2.2 lbs - 1000gr	222100	3443982221006
Alkalinity (KH) & pH Booster	2.2 lbs - 1000gr	210271	3443982102718
Reef Minerals	2.2 lbs - 1000gr	222101	3443982221013



PRODUCT NAME	# TESTS	WATER	ITEM NUMBER	UPC NUMBER
SeaTest GH (Total Hardness)	≈ 40	Fresh	219002	3443982190029
SeaTest KH (Alkalinity)	≈ 100	Fresh	219003	3443982190036
SeaTest pH	≈ 100	Fresh/Marine	219004	3443982190043
SeaTest Ammonia/Ammonium	≈ 40	Fresh/Marine	219005	3443982190050
SeaTest Nitrite (NO ₂ ⁻)	≈ 100	Fresh/Marine	219006	3443982190067
SeaTest Nitrate (NO ₃ ⁻)	≈ 40	Fresh/Marine	219007	3443982190074
SeaTest Phosphate (PO ₄ ³⁻)	≈ 40	Fresh/Marine	219008	3443982190081
SeaTest Calcium (Ca ²⁺)	≈ 40	Marine	219009	3443982190098
SeaTest Magnesium (Mg ²⁺)	≈ 40	Marine	219010	3443982190104

Coral Fixer

Coral Fixer is a two-component silicone-based adhesive for the quick and clean bonding of corals and offshoots in and out of the water. Coral Fixer is 100% reef safe, odorless prevent water turbidity and can be applied cleanly with the fingers without leaving any residue. Coral Fixer is easy to form, hardens quickly and without heat development.

Instructions for use:

Knead 1 part of component A (grey) with 1 part of component B (purple) for approx. 30 seconds until a uniform coloring is obtained. Then join the two parts to be bonded with the mass positively within 80 seconds.



PRODUCT NAME	CONTENT	ITEM NUMBER	UPC NUMBER
Coral Fixer	120 g	222079	3443982220795

Zap-Tasia

ASF Zap-Tasia is a safe and easy way to remove unsightly aptasia from your reef aquarium. All the applicators are included in the box, simply empty a vial into the pot provided, using the syringe draw up the Zap-Tasia solution and squirt the syringe as close to the aptasia as you can. Zap-Tasia is completely reef safe and contains 20 vials in the kit.



PRODUCT NAME	CONTENT	ITEM NUMBER	UPC NUMBER
Zap-Tasia	20 Vials	219025	3443982190258

Ultra-pure natural aragonite from fossil origin.



PaleoSand Fine



Ultra-pure natural aragonite from fossil origin is a substrate for saltwater and reef aquaria.

Due to its purity, **PaleoSand** is extremely bright with highly reflective properties which is an advantage for high light thriving corals.

PaleoSand is an outstanding alternative to natural coral sand and protects the environment. Before placing in the aquarium, rinse the substrate thoroughly.



PaleoSand Medium

PRODUCT NAME	CONTENT	ITEM NUMBER	UPC NUMBER
PaleoSand FINE	11 lbs. (5 kg)	250015	3443982500156
PaleoSand MEDIUM	11 lbs. (5 kg)	250022	3443982500224

One of the Lorraine's natural resources is a rock salt deposit whose geological origins are sea invasion and evaporation phenomenon's during secondary era (Muschelkalk and Keuper).

This Deposit extend on more then 200 km from Dieuze-Lunéville eastwards where it is shallow to Champagne westwards where its depth reaches up to 500m.

Annual average salt production is about 2,600,000 metric tons from brine, dedicated to industry and human feed.

In the context of sustainable development, ASF chose a local supplying without pollution (and at less than 80km from Sarrebourg) which guarantees product's reliability and reduced environmental costs.

AQUARIUM SYSTEMS FRANCE

The preferred choice of aquarists for over 55 years

HOW DOES IT WORK ?





www.my-ASF.com

Follow Us

