



## Pre-fabricated, plug and play LSS plants, made to order.

Made in a quality-controlled factory environment and shipped ready to go, anywhere in the world. Capable of supporting tanks up to 30,000 litres (7,900 gallons)

- ✓ Electrical system adaptable from simple socket plug up to full HMI touch screen control with alarm outputs.
- ✓ Tidy and compact – optimise the use of space.
- ✓ All the components remain easily accessed for simple operation and maintenance.
- ✓ Flexibility to adjust the set points and change animals in the exhibit.
- ✓ Premium quality components - built to last in corrosive environments.
- ✓ Ready-to-go with all of the critical elements in a life support system (built to bespoke specifications)
- ✓ Installed in multiple leading aquariums around the world.

Advanced Aquarium Technologies have pioneered unique techniques and technologies to design, build and operate inspiring and sustainable aquariums all over the world.

[www.advanced-aquariums.com](http://www.advanced-aquariums.com)

DISCLAIMER: While drafted with due care and diligence, this flyer is provided "as is", the information may change without notification and we do not guarantee that the flyer is free from errors or defects.

## TECHNICAL SPECIFICATIONS

METRIC							
Model	Design Flow Rate through Exhibit (m <sup>3</sup> /hr)	Dimension A Width (m)	Dimension B Depth (m)	Dimension C Height (m)	Approx. Dry Weight (kg)	Operating Water Volume (m <sup>3</sup> )	Total Operating Weight (kg)
Mini Skid 1	2	1.020	0.600	1.095	200.00	0.08	280
Mini Skid 2	6	1.500	0.800	1.335	230.00	0.20	430
AAT Skid 1	9.5	1.600	1.140	2.100	370.00	0.44	810
AAT Skid 2	13	2.250	1.500	2.500	600.00	0.70	1,300
AAT Skid 3	17	2.600	1.500	2.500	660.00	1.12	1,780
AAT Skid 4	20	4.000	1.510	2.500	1,050.00	2.50	3,550
AAT Skid 5	40	7.100	1.800	2.500	1800~2000	5.05	6850 - 7050

IMPERIAL							
Model	Design Flow Rate through Exhibit (gpm)	Dimension A Width (inch)	Dimension B Depth (inch)	Dimension C Height (inch)	Approx. Dry Weight (lbs)	Operating Water Volume (ft <sup>3</sup> )	Total Operating Weight (lbs)
Mini Skid 1	9	40.16	23.62	43.11	440.92	2.83	617
Mini Skid 2	26	59.06	31.50	52.56	507.06	7.06	948
AAT Skid 1	42	62.99	44.88	82.68	815.71	15.54	1,786
AAT Skid 2	57	88.58	59.06	98.43	1,322.77	24.72	2,866
AAT Skid 3	75	102.36	59.06	98.43	1,455.05	39.55	3,924
AAT Skid 4	88	157.48	59.45	98.43	2,314.85	88.29	7,826
AAT Skid 5	176	279.53	70.87	98.43	3970 - 4410	178.34	15100 - 15543

## PRODUCT FEATURES

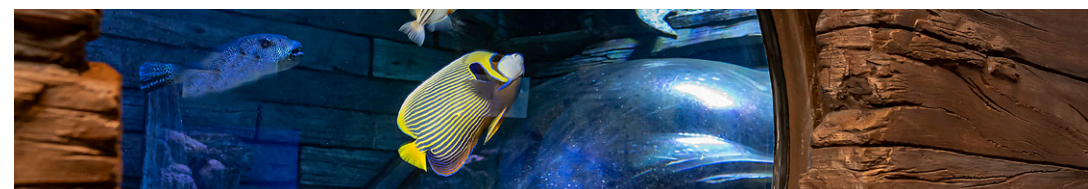
### STANDARD INCLUSIONS

- 2-4 x Pumps
- Foam Fractionator.
- Bag Filters.
- FRP Break Tank.
- Bio Tower.
- Pre-Filter Screen/s.
- Heat Pump.
- UV Sterilizer
- Flow switch pump protection.
- Manual Isolation and Control valves.
- All FRP skid-mounted.

### OPTIONAL EXTRAS

- HMI/PLC upgrade.
- Remote monitoring and controls/SCADA.
- Supports optional sensors.
  - » pH
  - » ORP
  - » Temp
  - » Flow Meter
  - » Pressure Transducer.
  - » Salinity
  - » More upon request
- HEX
- Splash Guards

## DIMENSION REFERENCE



**The World's Premier  
Aquarium Infrastructure  
and Services Specialist**

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