

Disclaimer

# ELITE

español



Our commitment: excellence

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# 1. Product specifications and technical characteristics



## ATLAS FILTER

Reinforced polyester sand filters.

- Made with polyester resins and fibre-glass.
- Excellent Gel-coat finish in the RAL 8029 colour.
- The filter was designed with a high safety factor to guarantee perfect operation.
- The two filter parts are joined by means of a specially-reinforced seal with fibre-glass and polyester resin.
- 200 mm plastic cover.
- Plastic cap for easier drainage of sand in the filter.
- Fixed with 1" collectors and a permanent plastic diffuser.
- Interior piping reinforced with PN-16 tubes.
- 2 1/2" sand release.
- Equipped with pressure gauge, manual water and air drain.
- Connections for selector valve with six functions: filter, wash, rinse, re-circulation, drainage and closure.
- The filter comes with a built-in safety valve to avoid any overpressure.
- Maximum working pressure: 2.5 Kg/cm<sup>2</sup>.

MODEL	DESCRIPTION
36596	Filter model ATLAS Ø 500 Side
36597	Filter model ATLAS Ø 600 Side
36598	Filter model ATLAS Ø 750 Side
36599	Filter model ATLAS Ø 900 Side

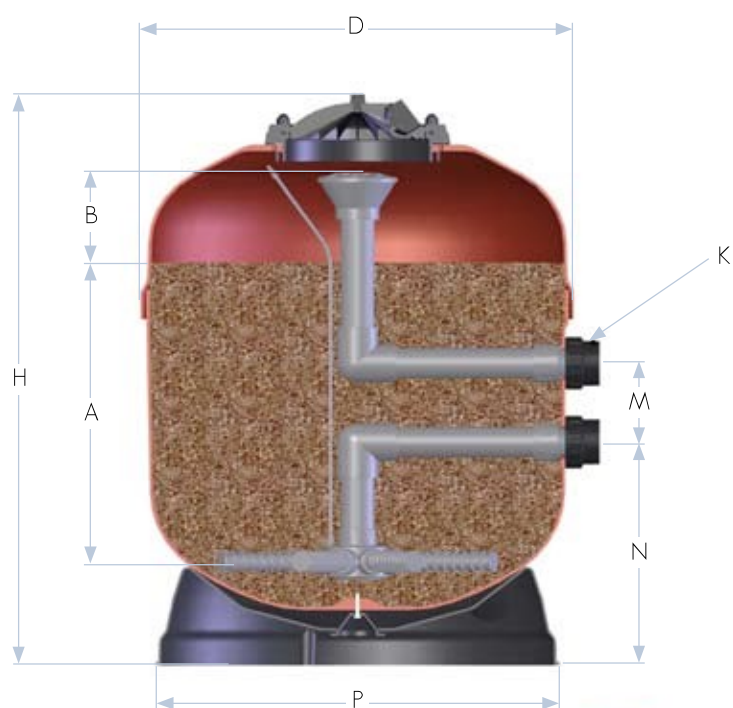
## 1.1. Table of characteristics

	ATLAS FILTER			
Code	36596	36597	36598	36599
Ø (mm)	500	600	750	900
Connection (inches)	1 1/2"		2"	2 1/2"
Surface filtration ( m²)	0,19	0,30	0,44	0,64
Filtration speed (m³/h/m²)	50			
Flow rate (m³)	9,5	15	22	30
Service pressure (bar)	2,5			
Sand load (0,4-0,8 mm) (kg)	120	190	360	580
Net weight (Kg)	20	25	33	51

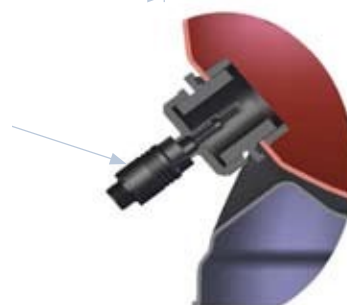
## 1.2. Packaging

MODEL	STANDARD UNITS	MEASUREMENTS (m³)	VOLUME	MANUFACTURER
36596	1	565x565x895	0,29	POLTANK s.a.u.
36597	1	660x660x950	0,41	POLTANK s.a.u.
36598	1	840x840x1090	0,77	POLTANK s.a.u.
36599	1	980x980x1280	1,23	POLTANK s.a.u.

## 1.3. Measurements



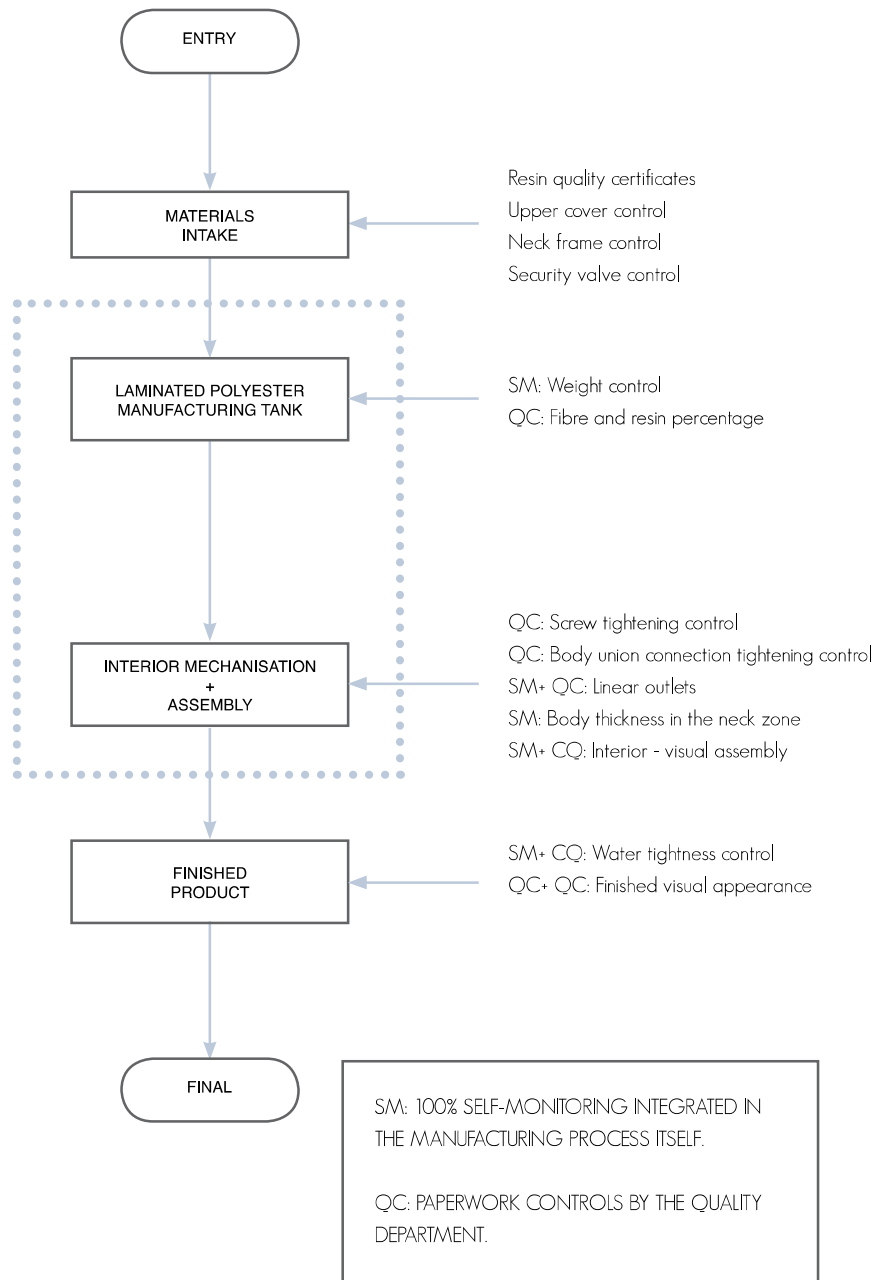
2 1/2" sand drain and 3/4" water drain  
With security valve



COD.	A (mm)	B (mm)	D (mm)	H (mm)	M (mm)	N (mm)	K (mm)	P (mm)
36596	400	120	545	840	125	335	1 1/2"	490
36597	480	145	640	900	125	360	1 1/2"	590
36598	550	165	790	1040	230	325	2"	715
36599	630	190	940	1225	270	415	2 1/2"	850

\* Approximate measurements

## 2. Check list of quality controls passed



POLTANK, SAU, HEREBY CERTIFIES THAT:

The Atlas sand filters manufactured by POLTANK, SAU, have been designed in accordance with the requirements of the NSF International Standards:

- Hydrostatic pressure 1.5 times the maximum working pressure over 5 minutes.
- 20,000 consecutive cycles from 0 to 0.6 times the maximum working pressure.
- Hydrostatic pressure equal to 2 times the maximum working pressure over 1 minute.

The filters pass a pressure test at the end of the process. All the filter components are verified and undergo a thorough water tightness and resistance test: Every filter is tested for 10 minutes at impulses of 0 at the maximum working pressure.



Marta Güell  
Quality Manager

### 3. Certificates available for the product, production process and systems implemented in production





## 4. Certificate of Guarantee

### GENERAL ASPECTS

- 1.1. In accordance with these provisions, the seller guarantees that the product that corresponds to this guarantee shows no compliance deficiency at the time of delivery. .
- 1.2. The Product Guarantee Period is 10 YEARS, and starts from the moment it is delivered to the buyer, understood as AstralPool's direct customer.
- 1.3. If the Product were to show a compliance deficiency and the buyer notifies the seller within the Guarantee Period, the Product must be repaired or replaced at the seller's own cost where considered to be appropriate, unless it is impossible or disproportionate.
- 1.4. If the Product cannot be repaired or replaced, the buyer will be able to receive a proportional reduction in the price or, if the compliance deficiency is sufficiently significant, the sales contract will be terminated.
- 1.5. The parts that are replaced or repaired in virtue of this guarantee will not result in any extension of the guarantee on the original Product; if appropriate they will have their own guarantee.
- 1.6. In order for this guarantee to be effective, the buyer must provide proof of the date the Product was purchased and delivered. .
- 1.7. If more than six months has passed since the Product was delivered to the buyer, and said buyer were to claim a compliance deficiency, the buyer must prove the origin and existence of the alleged defect.
- 1.8. This Certificate of Guarantee does not restrict or infringe on the consumers' rights in accordance with national standards as dictated by law.

### SPECIAL CONDITIONS

- 2.1. In order for this guarantee to be valid, the buyer must strictly follow the Manufacturer's instructions included in the documentation that accompanies the Product, as applicable according to the Product line and model.
- 2.2. When a schedule is specified for the replacement, maintenance or cleaning of certain Product pieces or components, the guarantee will only be valid if the schedule has been correctly followed.
- 2.3. The Product is covered by a full guarantee for the first 5 years, and covers any kind of defect of the filter body for the following 5 years, all of the rest of components are excluded: upper cover, base, body union outlet, sand and internal drain.
- 2.4. The filter is specifically excluded from any guarantee extension.

2.5. If the product is to be replaced, all freight charges and expenditures to and from the factory, to move or reinstall the product or installation of the replacement, are the responsibility of the buyer.

2.6. If the Product is to be repaired, the expenditures derived from the repair work and transportation shall be the responsibility of the buyer.

2.7. The manufacturer is not liable for damages and expenditures for any halt in activity, which includes time and materials derived from the replacement or substitution of the products.

2.8. The manufacturer does not authorise other people to extend any guarantee regarding their articles nor shall it be subject to any unauthorised guarantee made in connection with the seller of their products.

## LIMITATIONS

3.1. This guarantee will only be applicable in those sales made to consumers, with “consumers” understood as people who acquire the Product without the intention of using it in the scope of their professional activity.

3.2. The guarantee does not cover any normal wear and tear caused by the use of product. All pieces, components and/or expendable or consumable materials such as sand etc., shall be covered as per the documentation accompanying the Product, where appropriate..

3.3. The guarantee does not cover the following cases in which the Product: (i) has been subject to incorrect treatment; (ii) has been inspected, repaired, maintained or handled by an unauthorised person; (iii) has been repaired or maintained with pieces that are not original or (iv) has been installed or tuned on in an improper way.

3.4. When the Product compliance deficiency is a result of improper installation or commissioning, this guarantee will only be applicable if this installation or commissioning is included in the sales agreement contract of the Product and it has been carried out by the seller, or under his/her responsibility.

3.5. Damages or malfunctions resulting from exposures to temperatures below 0°C (32° F) or above 50°C (125° F).

3.6. Damages or malfunctions caused by water hammer or as a consequence of using an oversized pump in the filtration system.

3.7. The product comes with a built-in safety valve to avoid overpressure; the guarantee shall no longer be valid if this valve has been removed.

3.8. The product has been designed to work in swimming pool water, meaning that the water will have to comply with the indicated chemical product concentrations:

pH	6,8 - 8
Free residual chlorine	0,4 - 1,5mg/l
Bromine	1-3 mg/l

It is also appropriate for use in salt water pools with a maximum salt concentration of 4%.

The filter IS NOT SUITABLE for working with ozone.