



CLS

COMMERCIAL LEISURE SUPPLIES

High-performance pumps for public swimming pools
Optimum performance, corrosion free



ASTRALPOOL



M A X I M

Maxim self-priming pump

High performance and ease of maintenance

The self-priming, high performance Maxim pump has been developed for use in public swimming pools, and the high-resistance technical plastics used in its manufacturing guarantee a longer working life.

With a design adapted to the requirements of the public swimming pool, the Maxim is made entirely of technical plastics. The Maxim pump also incorporates a prefilter with a capacity of 8 litres. The prefilter is replaceable in all the models and has a standard key to facilitate opening. The available options, all three-phase motors, are 3.5hp, 4.5hp and 5.5hp. The motors have working voltages of 230V / 400V and can tolerate assembly options of +/-10%.

The Maxim has a self-priming capacity of 1 m.c.a.

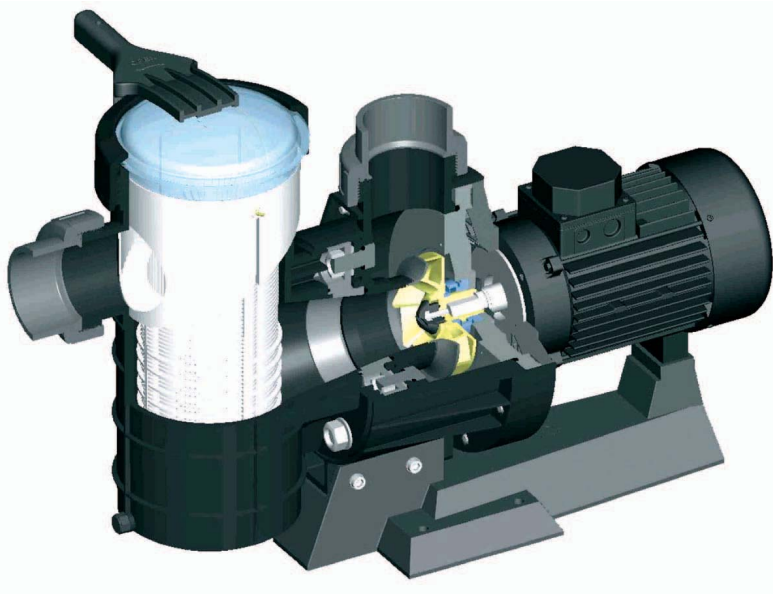


The Astral Maxim pump has obtained the mark GS, given by TUV Product Service.



Dr.Pool's tips

We recommend that you recirculate all of the water in the pool at least once a day. To obtain the best performance from the pump it is necessary to clean the prefilter mesh at regular intervals. During the winter or other periods of inactivity the life of the pump will be prolonged if it is emptied and the necessary maintenance is carried out.



Characteristics:

- **Materials**

Diffuser body made of polypropylene and the impeller made in Luranyl ®. => bestow great mechanical resistance at high temperatures.

The motor shaft and all of the metal parts in contact with water are made of AISI-316 stainless steel.

The mechanical casing also incorporates AISI-316 stainless steel and aluminium oxide on non-moving parts, material of great purity, which gives it resistance to pressure and temperature.

- **Motor**

Eurotension motor with IP-55 protection and class F insulation. Double insulation around the motor shaft to protect against spurts of water.

- **2RS Bearings**

These seals are protected by two sealed plates made of platen-moulded rubber, which prevent the intrusion of solid particles into the bearing. This kind of bearing makes it possible to work in wet environments and at high temperatures.

- **Accessories**

Includes 3" connection fittings for suction and propulsion in the pump unit.



Large-capacity, easy-open prefilter

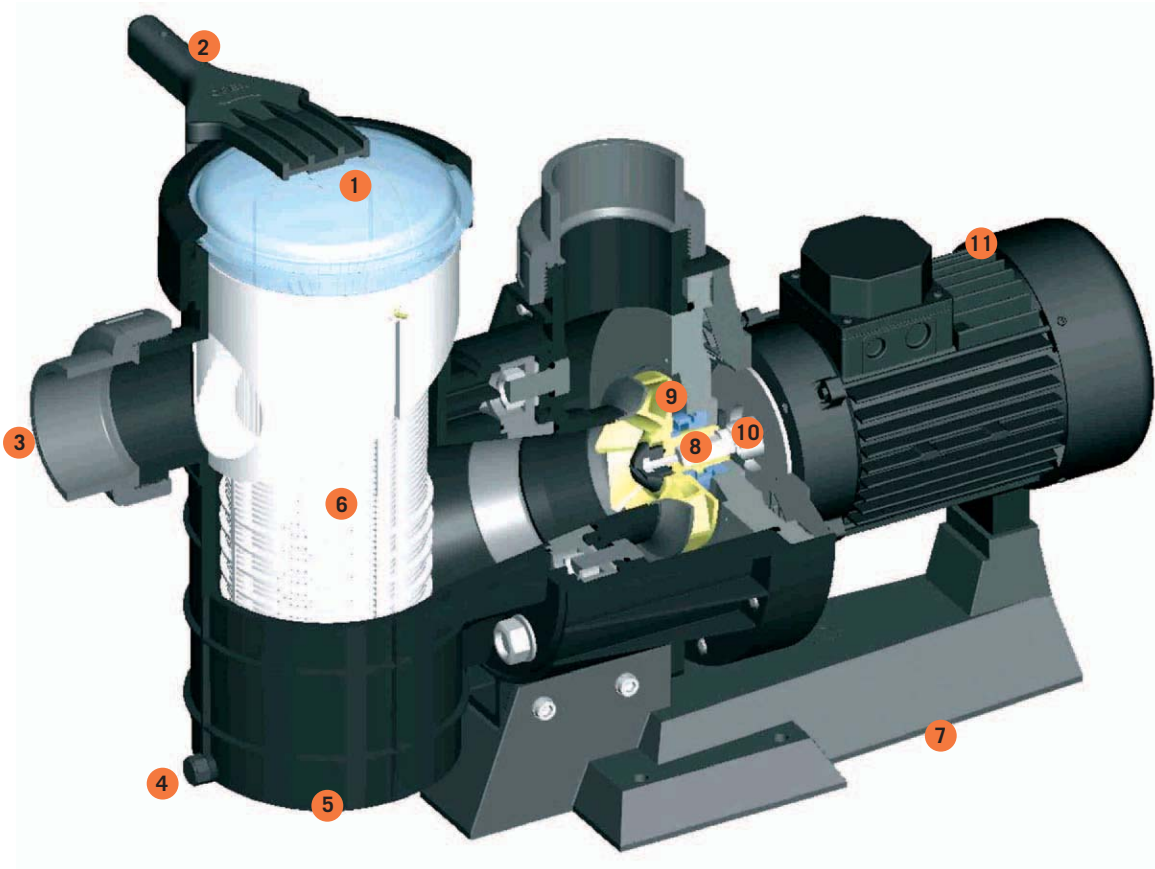
8-litre prefilter made of polypropylene, a material that endows it with rigidity and greater resistance. It also incorporates a standard key to facilitate opening.



Complete insulation from corrosion

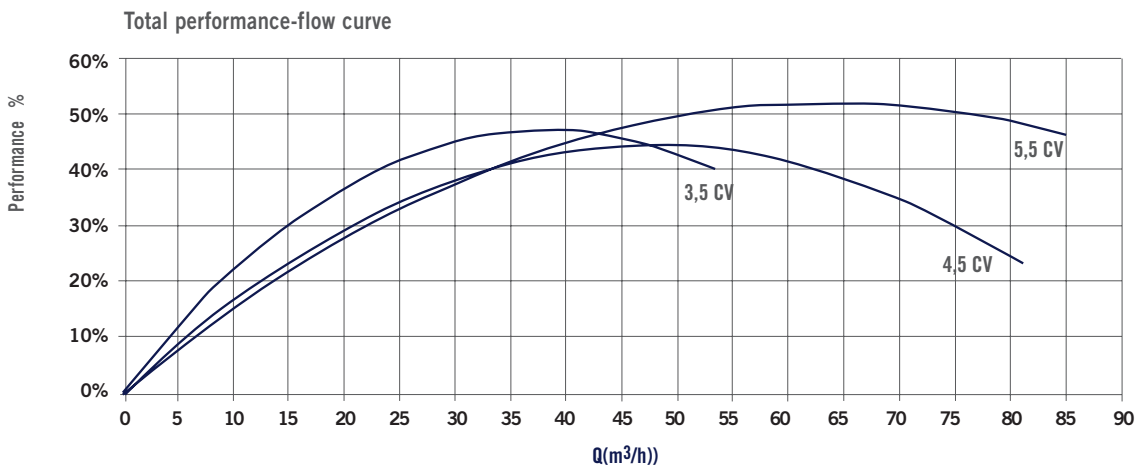
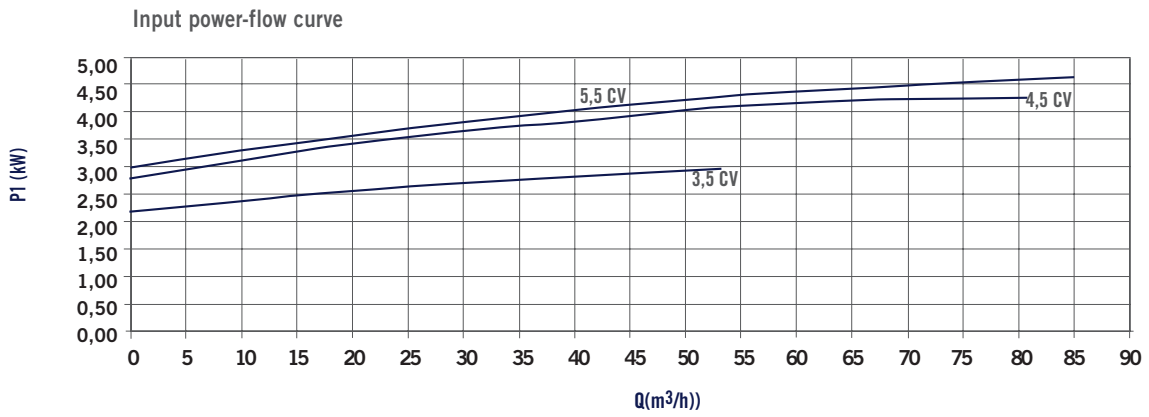
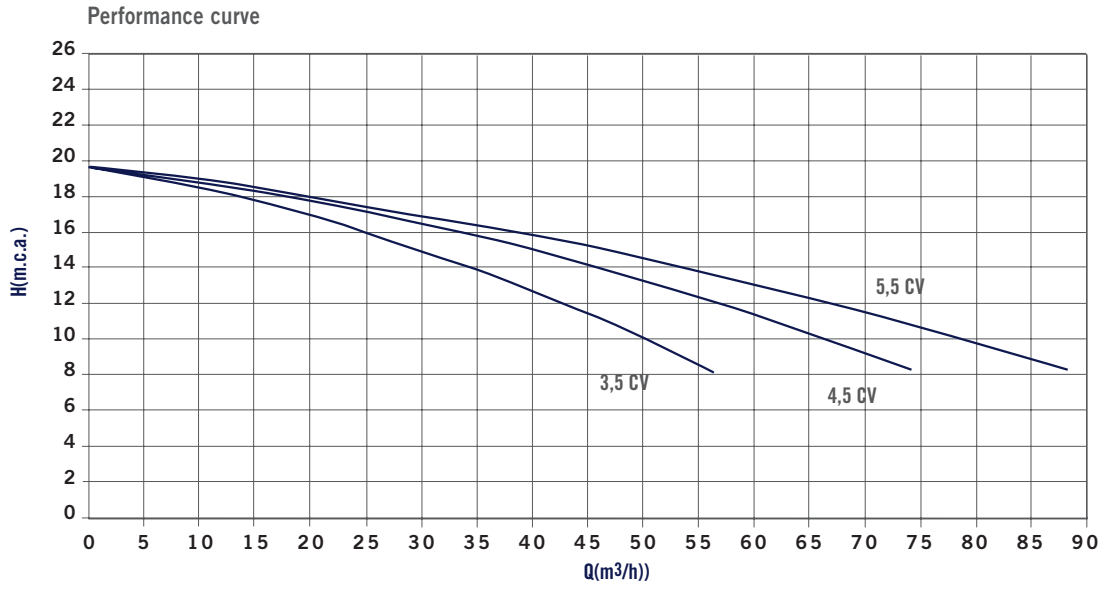
We have achieved complete insulation from corrosion and high temperatures thanks to the use of AISI 316 stainless steel in the parts in contact with water and of aluminium oxide in the mechanical seal. The Class F motor guard enables it to tolerate internal temperatures of up to 155°C.

Pump components

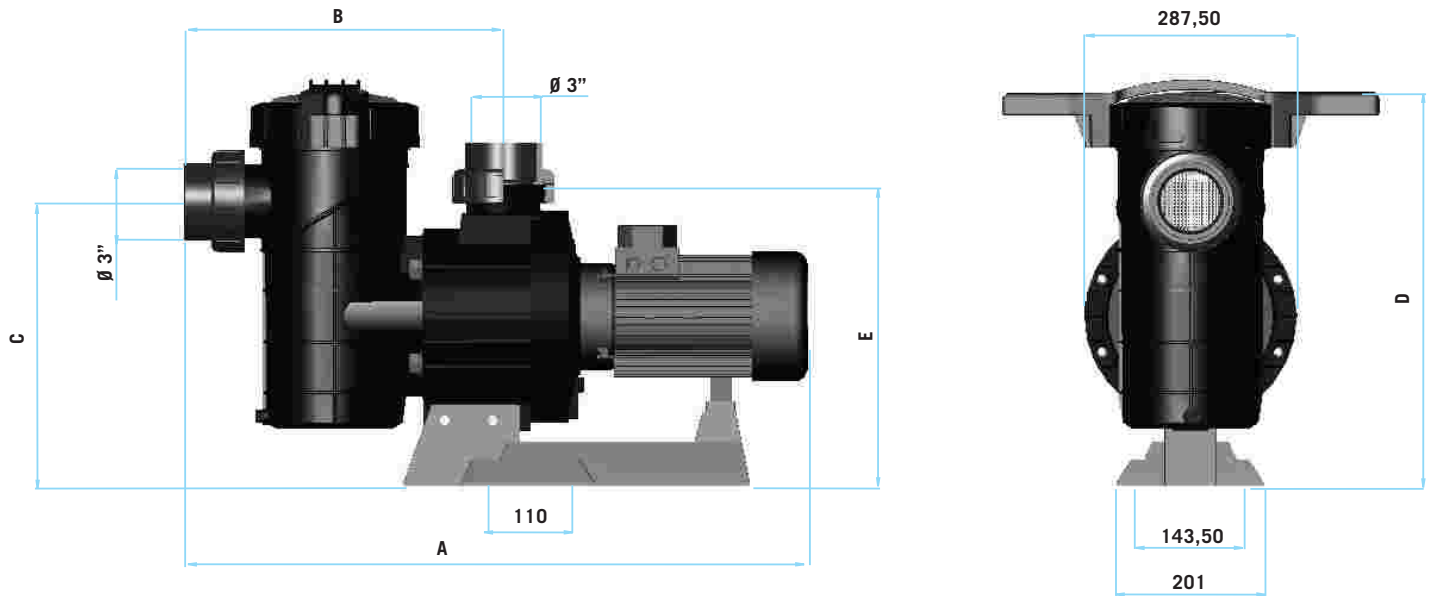


- 1 Transparent prefilter lid.
- 2 Prefilter lid key.
- 3 3" connection fittings for suction and propulsion.
- 4 Easy-open drain plug.
- 5 8-litre capacity prefilter.
- 6 Prefilter mesh to prevent the entrance of solid particles into the hydraulics.
- 7 Extra-stable pump foot.
- 8 Mechanical casing made of AISI 316 steel and non-moving parts of aluminium oxide.
- 9 Luranyl® impeller.
- 10 2RS bearings made of platen-moulded rubber.
- 11 Eurotension motor with IP-55 protection. Class F insulation.

Technical information



Technical data



Code Code	A	B	C	D	E
08003	813	432	386	534	409
08004	845	432	386	534	409
08005	845	432	386	534	409

Mesures en mm
 Sizes in mm

230/400 V 50 Hz	Intensité A		P1 (Kw)		P2		Q (m ³ /h)	H(m.c.a)					
	230 V III	400 V III	III	kW	HP	8		10	12	14	16	18	
08003	10	5,8	3,22	2,6	3,5	56	50	42	34	23	-		
08004	13	7,4	4,06	3,3	4,5	74	66	57	46	30	15		
08005	15	8,4	4,83	4	5,5	88	78	67	53	34	17		



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