

# STAINLESS STEEL POOL FITTINGS

A FULL RANGE FOR CONSTRUCTION



# STAINLESS STEEL

## WHY DO WE USE IT IN OUR POOLS?

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Using stainless steel AISI 316-L in our pools has many advantages in comparison with traditional materials.

- ✓ Better resistance to high and low temperatures, no deformation.
- ✓ Better looking quality finishes.
- ✓ Doesn't age due to exposure to sunlight.
- ✓ Easy to clean.
- ✓ Stainless steel is environmentally friendly and 100% recyclable.

This is why AstralPool, a world leader in the manufacture and supply of pool materials, is launching a line of embedding products in high quality stainless steel AISI 316-L, ideal for the construction, refurbishment and upgrade of your pool.



**LumiPlus FlexiNiche**



**High water level  
skimmer**



**Embellishers for ABS  
pool fittings**

# HIGH WATER LEVEL SKIMMER

IDEAL FOR AN OVERFLOW EFFECT

The main feature of AstralPool's high water level skimmer in stainless steel is that they make possible the much desired overflow effect, that is, they allow high water levels in a pool so that

the water line is just below the coping stone (+/- 4 cm approx.).

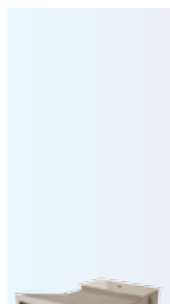


SLIM HIGH WATER LEVEL



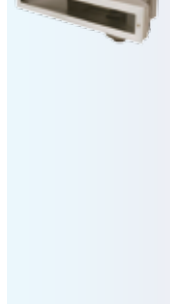
CODE	MOUTH WIDTH	MOUTH HEIGHT	BASKET SIZE	POOL TYPE	WATER LEVEL REGULATOR	LINER/ CONCRETE POOLS	OTHER
73502	643 mm	78 mm	Ø140mm 1.2 l	Concrete Liner	40 mm	Concrete Liner: flange kit incl.	
73501	493 mm	78 mm	Ø140mm 1.2 l	Concrete Liner	40 mm	Concrete Liner: flange kit incl.	

SLIM



56316	643 mm	78 mm	Ø140mm 1.2 l	Concrete Liner	80 mm	Concrete Liner: flange kit incl.	
56313	493 mm	78 mm	Ø140mm 1.2 l	Concrete Liner	80 mm	Concrete Liner: flange kit incl.	


INCLINED SLIM



72743	643 mm	78 mm	Ø140mm 1.2 l	Prefabricated	80 mm	Prefabricated	
72744	493 mm	78 mm	Ø140mm 1.2 l	Prefabricated	80 mm	Prefabricated	


A400



07523	298 mm	169 mm	 11 l Code 07522	Concrete Liner	115 mm	Concrete Liner: flange kit 07526	Basket & embellisher not included
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A202



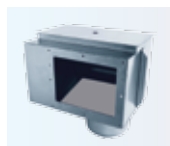
07610	185 mm	130 mm	 4.6 l Code 07521	Concrete Liner	100 mm	Concrete Liner: flange kit 07525	Basket & embellisher not included
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A201



07520	185 mm	130 mm	 4.6 l Code 07521	Concrete Liner	100 mm	Concrete Liner: flange kit 07525	Basket & embellisher not included
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A100









00254	136 mm	190 mm	Ø140mm 1.2 l	Concrete Liner	120 mm	Concrete Liner: flange kit 07525	Embellisher not included
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# MAIN DRAINS ROUND COVER

	CODE	DIMENSIONS	FLOW RATE	OUTLET
CONCRETE	 00268	Ø240 x 200 mm	13m <sup>3</sup>	2"
	 26196	Ø240 x 245 mm	13m <sup>3</sup>	2" + 1-1/2"
LINER	 00275	Ø240 x 245 mm	13m <sup>3</sup>	2"
	 26197	Ø240 x 285 mm	13m <sup>3</sup>	1-1/2"

## NOZZLES SELECTION

OTHER SOLUTIONS AVAILABLE

	CODE	USE	DIMENSIONS	FLOW RATE	OUTLET	LINER/ CONCRETE POOLS
	69874	Return	Ø90 x 35 mm (ball Ø25 mm)	7 m3/h	1-1/2"	Concrete
	69875	Return	Ø90 x 50 mm (ball Ø25 mm)	7 m3/h	1-1/2"	Concrete
	69876	Return	Ø90 x 70 mm (ball Ø25 mm)	7 m3/h	1-1/2"	Concrete
	15839	Return	Ø123 x 80 mm	14 m3/h	2"	Concrete & prefabricated
	16328	Suction	Ø85 x 50 mm	4.5 m3/h	1-1/2"	Concrete
	21644	Suction	Ø85 x 50 mm	4.5 m3/h	1-1/2"	Concrete
	69877	Return	Ø90 x 35 mm (ball Ø25 mm)	4.5 m3/h	1-1/2"	Liner
	16330	Suction	Ø85 x 35 mm	4.5 m3/h	1-1/2"	Liner

\* External thread

→ EN 13451-3, 16582-1 and 16713-2

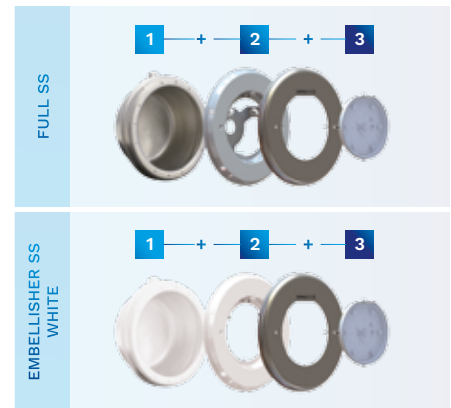




# LUMIPLUS FLEXINICHE-SS

## THE LED SOLUTION THAT ADAPTS TO EVERY TYPE OF POOL

All 3 components are required for the proper installation of FlexiNiche :



Máxima flexibilidad con el nuevo sistema Lumiplus FlexiNiche de AstralPool :

Maximum flexibility with AstralPool's new LumiPlus FlexiNiche system: One of the most outstanding features of LumiPlus FlexiNiche stainless steel projectors is their great adaptability to any type of concrete or liner pool, whether a new-build or existing pool, as they can be fitted to niches 180 to 230 mm in diameter by adjusting the screws. Ideal for public, hotel and residential pools.



LumiPlus Flexi LED configurator  
[www.astralpool.com/configurador-led-lumiplus-flexi/](http://www.astralpool.com/configurador-led-lumiplus-flexi/)



How to install a LumiPlus FlexiNiche?

### 1 NICHE

CODE	TYPE OF POOL
54102	Stainless steel niche diam. 230 -concrete
54103	Stainless steel niche diam. 230 -liner/prefabricated

→ FlexiNiche-SS is compatible with AstralPool's Standard and Design ABS niches

### 2 FLEXINICHE

CODE	DESCRIPTION
73440	Body and cover in stainless steel
71209CLSS	ABS body and stainless steel cover

### PRE-ASSEMBLED ITEM LAMP + EMBELLISHER

- 1 73442\* SS FlexiNiche (V1 12V AC White)
- 2 73441\*\* SS FlexiNiche (V1 24V DC White)

\* Items 73440+71200








\*\* Items 73440 + 71201

### 3 LAMP

	CODE	LUMIPLUS FLEXI LAMP	WATTS	COLOR TEMP.	BEAM ANGLE	CONTROL SYSTEM	EFFICIENCY
RESIDENTIAL V1	71200	White AC	16 W (24 VA)	W 5.700K	100° + 100°	ON / OFF	A+
	71200WW	Warm white AC	16 W (24 VA)	WW 3.000K	100° + 100°	ON / OFF	A+
	71201	White DC	14W (14VA)	W 5.700K	100° + 100°	ON / OFF	A+
	71201WW	Warm white DC	14W (14VA)	WW 3.000K	100° + 100°	ON / OFF	A+
	71203	RGB AC	22W (29VA)		116° + 116°	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	A
PUBLIC/HOTEL V2	71233	White AC	32W (42VA)	W 5.700K	100° + 100°	ON / OFF	A++
	71233WW	Warm white AC	32W (42VA)	WW 3.000K	100° + 100°	ON / OFF	A++
	71202	White DC	32 W (32 VA)	W 5.700K	100° + 100°	ON / OFF	A++
	71202WW	Warm white DC	32 W (32 VA)	WW 3.000K	100° + 100°	ON / OFF	A++
	71204	RGB AC	43W (54VA)		116° + 116°	LumiPlus ECO / LumiPlus Top / Fluidra Connect / WIFI LED App	A
	71208	DMX RGB AC	43W (54VA)		116° + 116°	DMX	A

→ Lifespan: L70 50.000 h. → Cable: H07RN-F 2x1 mm (2.5 m)  
 → IP protection: IPX8 → Water temperature: Max. t 40 °C Overheating protection

# EMBELLISHERS

	CODE	SS EMBELLISHER	ABS COMPATIBLE ITEMS		POOL TYPE
	69173	For main drain	00270		Polyester Concrete+Liner
	69174	For main drain	00271		Polyester Concrete+Liner
	69171	Embellisher and stainless steel ball for return inlets	00330	56499	Liner
	69172	Embellisher and stainless steel ball for suction inlets	00332		Liner
	56344	For standard mouth skimmers	01461 (15L) 11309 (17.5L)	01462 (15L) 11310 (17.5L)	Polyester Panels+Liner Concrete+Liner
	56340	For big mouth skimmers	01463 (15L) 11311 (17.5L)	01464 (15L) 11313 (17.5L)	Polyester Panels+Liner Concrete+Liner
	74101	For Skimmer Norm	56176		Polyester Panels+Liner Concrete+Liner

\* Includ screws.

\*\* Includes flange, screws and gaskets.

## STAINLESS STEEL MAINTENANCE: FREQUENCY DEPENDS ON POOL ENVIRONMENT AND CHLORINATION

POOL ENVIORNMENT	CHLORINATION	MAINTENANCE FREQUENCY	CLEANING & MAINTENANCE	CLEANING FREQUENCY
Outdoor pools, inland	Chlorine	Standard	Rinse with fresh water	Weekly
			Wash with soap and water	Monthly
Outdoor pools, inland	Salt	High	Rinse with fresh water	Weekly
			Wash with soap and water	Weekly
			Remove any visible signs of rust or staining with a nylon brush	Monthly
Outdoor pools, coastal regions	Chlorine or salt	High	Rinse with fresh water	Weekly
			Wash with soap and water	Weekly
			Remove any visible signs of rust or staining with a nylon brush	Monthly
Indoor pools, all regions	Chlorine or salt	High	Rinse with fresh water	Weekly
			Wash with soap and water	Weekly
				Monthly

## AstralPool' tips for lengthening the lifespan of our pools' stainless steel components

Keep the pool water in the following ranges of values:

Water pH between: 7.2-7.6

Alkalinity between: 100-175 ppm

Disinfection using Cl: 0.5-2 gr/m<sup>3</sup>

Disinfection using bromine between: 2-5 g/m<sup>3</sup>

Do not use salt-based disinfection systems if the concentration of Cl is > 4500 ppm.

Water hardness control: 150-250 ppm.

Start with a weekly manual clean until the right frequency is found that matches a pool's requirements.

Keep gaps, joints and the water line clean and free of particles.

In facilities with starting blocks, pay special attention to the underside to prevent rusting from accumulated condensation.



FOR FURTHER INFORMATION  
[www.astralpool.com](http://www.astralpool.com)

FLUIDRA S.A.  
[www.fluidra.com](http://www.fluidra.com)