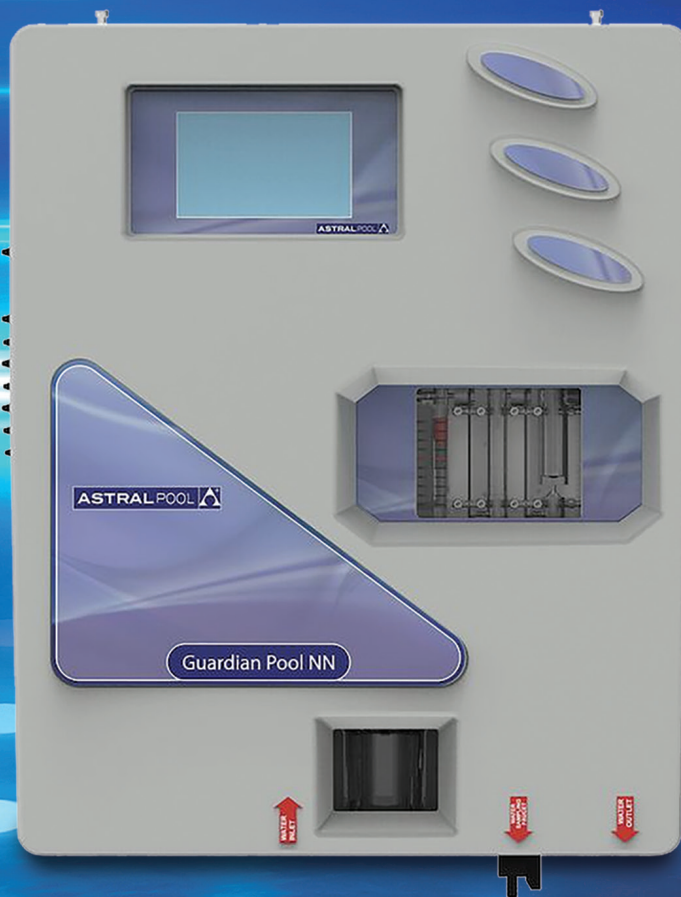


GUARDIAN POOL AUTOMATIC REGULATION AND CONTROL EQUIPMENT



PUBLIC POOLS



**FULLY AUTOMATED CONTROL UNIT WITH
OPTIONS INCLUDING ORP, PH AND PPM.**

GUARDIAN POOL

The new **Guardian Pool** combines traditional control and dosing elements with full digital value control, facilitating the management of the pool parameters and records in order to analyse or detect problems.

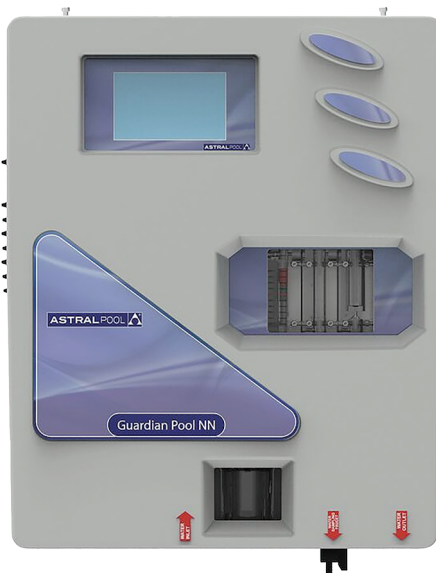
To manage the data, **Guardian Pool** has an internal 4 MB memory, allowing us to store up to 16,000 records that can be viewed in data or graph format on the 7" backlit high-resolution touch screen. Data can also be downloaded through the USB port, that can also be used to update the firmware. WiFi can be used to control the equipment from any mobile device, tablet or PC.

Guardian Pool is known for its high-performance control and regulation of chemical products used in public and private swimming pools.

TECHNICAL SPECIFICATIONS

GUARDIAN POOL

Automatic Regulation and Control Equipment



- Measuring parameters of this model:
- pH: range of measurement from 0.00 to 14.00
- ORP: range of measurement from -1,000 to + 1,000 mV
- Temperature: Range of measurement: 0.0...50.0 °C
- 2 control relays for the pH and chlorine parameters with 230 V, 50/60 Hz, 6 A.
- 1 control relay for ORP with 230 V, 50/60 Hz, 6 A.
- 1 control relay for temperature with 230 V, 50/60 Hz and the possibility to link it to the total chlorine or the combined chlorine.
- 2 potential-free alarm relays, with the possibility of linking them to any measurement, including flow,
- or to a general system alarm.
- Dual output relay for each parameter, adjustable to outputs of 4-20 mA.
- WiFi module with internal configuration of web server pages.
- ModBus RS485 communications port.
- The sensors signal inputs have galvanic isolation.
- Proportional dosing adjustments in the proportional pump.
- ABS housing with IP65 protection.

		Guardian Pool 1	Guardian Pool 2	Guardian Pool 3	Guardian Pool 4	Guardian Pool 5	Guardian Pool 6
Model		Chlorine 10 pp	Chlorine 2 pp	pH/ORP	pH/Chlorine 10 ppm	pH/ORP/°C Chlorine 10 ppm ⁽¹⁾	pH/ORP/°C free and total Chlorine 10 ppm / NTU ⁽¹⁾
Code		72700	72701	72703	72702	72704	72705
Water uses		Drinking Water	Drinking Water	Residential / Commercial Swimming Pools	PUBLIC SWIMMING POOL	PUBLIC SWIMMING POOL	PUBLIC SWIMMING POOL
Sensors	pH			•	•	•	•
	ORP ⁽²⁾			•	•	•	•
	Temperature	•	•	•	•	•	•
	Free chlorine 2 ppm		•				
	Free chlorine 10 ppm	•			•	•	
	Total chlorine 10 ppm						•
	Combined chlorine						•
	Turbidity 10 NTU						•

Note: Only models 72702 and 72705 are stocked locally, all others are POA.

ACCESSORIES

ACQUA DOS DOSING PUMPS

Analog Diaphragm Dosing Pumps



TECHNICAL FEATURES

- Flow rates: from 4 to 110 l/h
- Max back pressure: up to 16 bar
- Power supply: 100÷240 Vac - 50/60 Hz
- Stroke rate: from 160 to 300 strokes/minute
- Pump head: PVDF
- Diaphragm: PTFE
- External Enclosure: PP reinforced with fiber glass
- Protection degree IP65
- Manually priming valve
- Installation kit: Included

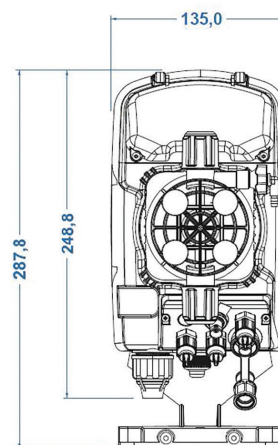
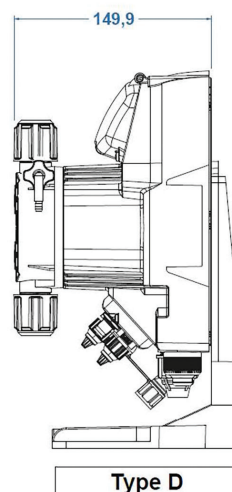
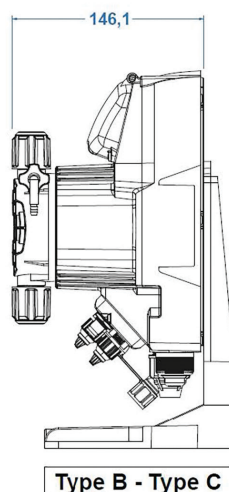
HYDRALUIC FEATURES

Code	Type	Pressure [bar]	Flow [l/h]	Stroke /min	cc /imp	Connections		Power Supply	Consumption	
						Suction	Delivery		Min	Max
75089	Type C	16	7,0	300	0,39 0,56 0,83 1,00	4/6	4/6	100-240 VAC	22,0	33,0
		10	10,0							
		5	15,0							
		1	18,0							
75090	Type D	5	20,0	300	1,11 1,78 3,44 6,11	8/12	8/12	100-240 VAC	29,0	37,0
		4	32,0							
		2	62,0							
		0	110,0							

The Pressure Data in the table refer to the measured parameters on the plant, including the use of standard injection fitting.

*Minimum consumption at 0 bar of back pressure (Patented)

DIMENSIONS



A Fluidra Brand

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