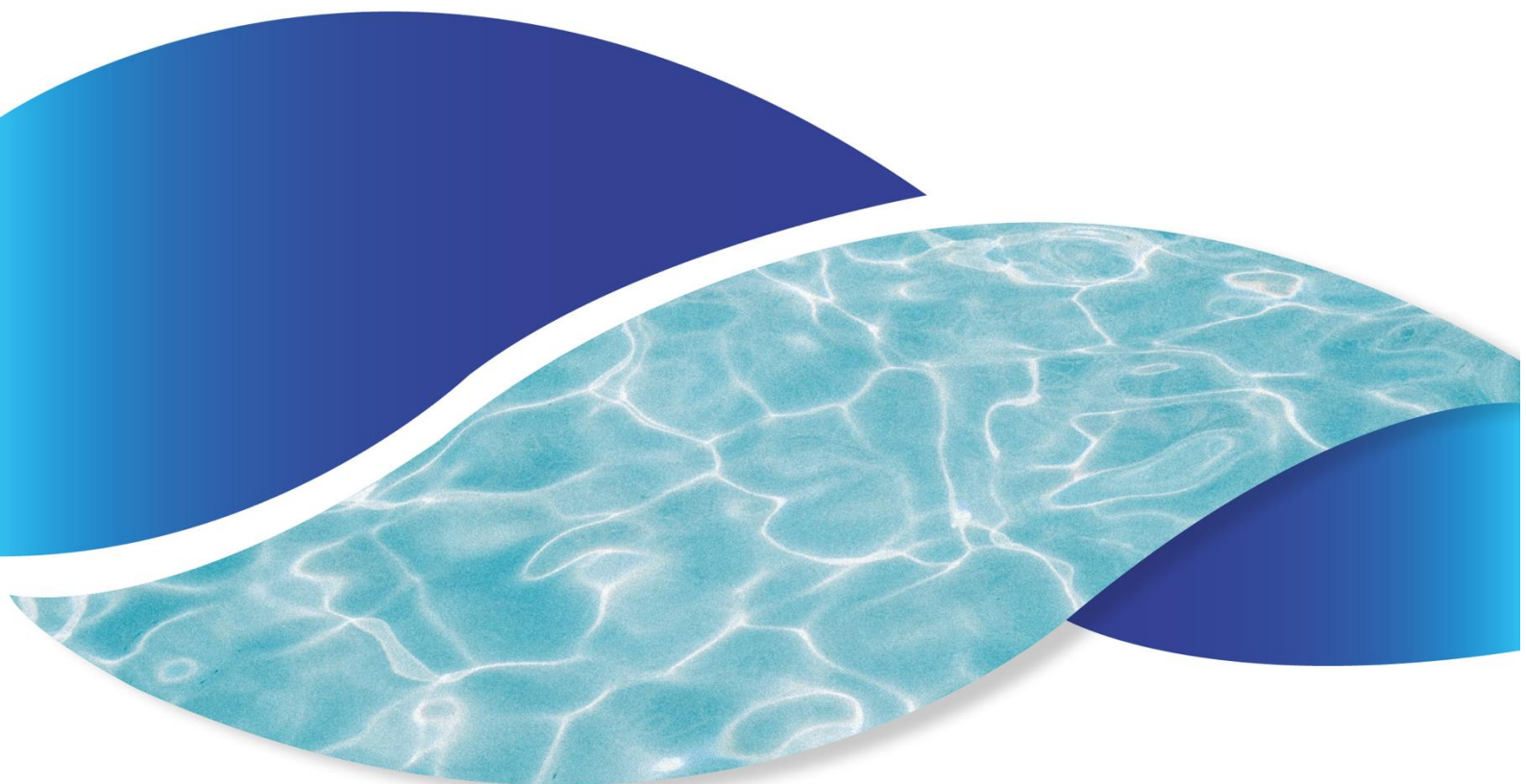


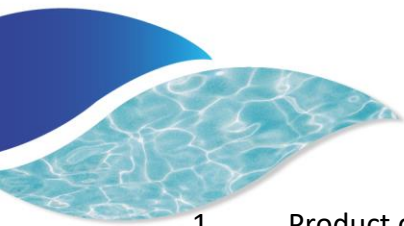


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plug & play products



Technical sheet Pool Duo

ZLAX0016-P, ZLAX0020-P AND ZLAX0030-P



1. Product description and operation

Fully pre-assembled salt electrolysis unit with pH controller for automatic and optimal water treatment.

The Harmo Pool Duo HS electrolysis generates chlorine from salt that is dissolved in the pool water so that you do not have to add chlorine yourself - after a one-time addition of 3.5 kg of salt per m³.

POOL DUO INTERNAL CODE	BARCODE
ZLAX0016-P : 16g/h (40m ³) chlorine production	650905861154
ZLAX0020-P : 20g/h (40m ³) chlorine production	650905861161
ZLAX0030-P : 30g/h (40m ³) chlorine production	0650905861277

Technical Specifications

CONNECTION POOL	50mm PVC pipe with rubber sleeve ZALX5120
LENGTH OF PVC CONNECTION TUBE	47.5 cm up to 2021, 32 cm as of 2022
INSTALLATION	Wall mounting with screws and plugs
DISPLAY PCB	Beniferro ref ZWMX7010
RELAIS PCB	Beniferro ref ZWMX7011
CONFIGURATION	Via display menu
AVAILABLE LANGUAGES	NL, EN, FR, DE, IT, ES
RELAY CONTROL PERISTALTIC PUMP	16 A AC 1 , max 1100W
PH CONTROL	Peristaltic pump ZWMX2154
SALT ELECTROLYSIS UNIT	Salt electrolyzer EC 16/20/30
SALT CONTENT	3500 ppm (3.5kg/m ³)
SALT ELECTROLYSIS INTENSITY	Adjustable 20-40-60-80-100%
SALT ELECTROLYSIS ALARM	Temp, flow, salt concentration
SALT ELECTROLYSIS SEL-CLEANING CELL	yes
SALT ELECTROLYSIS BOOST FUNCTION	yes
SALT ELECTROLYSIS TEMPERATURE RANGE	10-45 degC. Water temperature is continuously shown on the display
SALT ELECTROLYSIS RESTART	Restart with last settings
DOSE METHOD	Salt RX or RX time



PH/RX MEASUREMENT CONNECTOR	BNC – 1 meter
MEASURING RANGE PH	5 to 9 +- 0.1
MEASURING RANGE RX	200-999mV +- 10mv
INSERT SONDE	Half inch male thread ZWMX2210-Z
INSERT DOSING NIPPLE	Half inch male thread ZWMX2210-Z
SUCTION PIPE	200cm ZWMX2235
PRESSURE TUBE	50cm ZWMX2205
PERISTALTIC DOSE TUBE	Santoprene ZWMX2201
DOSAGE PH+ / PH-	Both possible (No HCl) Proportional or continuous
CALIBRATION PH VIA BUFFER	One button calibration pH7
CALIBRATION VIA EXTERNAL COLOR MEASUREMENT	Possible at pH 7-7.8 Via measured value
CALIBRATIE RX VIA BUFFER	One button calibration RX 470
MAX WORKING PRESSURE	1.5 bar
FLOW SWITCH SAFETY	Optional installation kit ZWMX2240-P
CONNECTION FLOW SWITCH	¾ inch external thread
LEVEL DETECTION SOURCE AND CHLORINE	Optional
SAFETY STOP DOSAGE	4 hours and level detection (Adjustable)
SAFETY STOP PH	<pH 5 en > pH9
SAFETY STOP RX	<100
POWER SUPPLY	230V ~, 50 Hz
IP CLASS HOUSING CONTROL BOX	IP65

Packaging

DIMENSIONS TOOL	530x380x200 mm
DIMENSION EQUIPMENT BACKGROUND PLATE	530 x 380 mm
WEIGHT	21 kg
PACKAGING	White or printed box 580 x 400 x 145 Customizable from 240 pieces.
PIECES (WEIGHT) PER PALLET	40 (840 kg)
HS CODE	90321080

Connection diagram

