DULCOMARIN-600 Pool Package

The **ProMinent® DULCOMARIN-600** pool package is the ideal system for monitoring and controlling water chemistry parameters on a pH and free chlorine basis in indoor swimming pools.

Applications

- Commercial Aquatic centres
- Learn to Swim pools
- Hydrotherapy pools

Package Includes

- Dulcomarin II Swimming Pool controller
- pH & Free Chlorine CANBUS probe
- CO_2 controller
- Probe holder & flow switch assembly
- Inline filter assembly
- 25m roll of sample line tube

Features & Benefits

- Single point calibration of probes.
- High quality, long lasting pH & chlorine probes.
- Provides optimum control of pH and chlorine levels.
- Single controller can be used on up to 16 pools on a DulcoNet system.
- Isolation of probes possible.
- Backboard mounted, pre-wired and tested.
- Logbook function saves all events.
- Large colour display. Easy to use and operate.
- Water chemistry data is stored on a 64MB SD card.
- Embedded web server for viewing pool data online.
- Chemical dosing stops when no flow is detected through sample line.
- Amperometric probe for accurate measurement of free available chlorine.
- Password protected.
- Visual display of CO_2 flow.
- Adjustable CO_2 flow, up to 25 l/min.

Technical Data - DULCOMARIN-600 Pool Package

Measurement range	pH: 0 14	Chlorine: 0 ... 10 ppm
Resolution	pH: 0.01	Chlorine: 0.01 ppm
Control characteristic	Proportional	
Accuracy	0.5% of measurement range.	
Controllers	1 x multi channel controller with selectable control direction for pH and chlorine	
Standard output	2 x relays [alarms or limit value relays or pulse length control]	
Optional outputs	Pulse frequency outputs	
	Analogue outputs 0/4-20 mA [measured/control]	
Electrical connection	85 ... 265 V, 50/60 Hz	
Ambient temperature	5 ... 45°C	
CO_2 gas flow	up to 25 l/min [adjustable]	
Enclosure rating	IP 67	
	IP 65	

Components - DULCOMARIN-600 Pool Package

Description	Qty	Part No.
Dulcomarin Controller	1	DXCaW051M0PSEN
CO_2 controller	1	PA31002458
pH Probe	1	SP100-4330-DH
Chlorine sensor, CLE3-CAN-10ppm	1	1023425
Probe holder & flow switch assembly	1	DGMA311T000
Coax cable, 0.8m	1	1024105
Power cable	1	724009
Cable 2 core	1	A04001289
PVC adaptors 1/2” to 8 x 5mm	2	PA07221061
PE tube 25m, 8 x 5mm	1	A25251004
Filter assemby	1	P3240T0235-D
Backboard 750 x 600mm White LDPE	1	A35051307
pH 4 Buffer	1	506251
pH 7 Buffer	1	506253

Package Dimensions

- Dulconet-600 System available on request.

For Multiple Pool Systems

- 750 x 600 x 180mm [H x W x D]
- Weight 12.0kg [unpacked]

Configurations with Additional Probes

- DULCOMARIN-610 With additional ORP probe
- DULCOMARIN-620 With additional CTE [total chlorine] probe
- DULCOMARIN-630 With additional ORP and CTE [total chlorine] probes

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