

DULCOMARIN-800 *Pool Package*

The **ProMinent® DULCOMARIN-800** pool package is the ideal system for monitoring and controlling water chemistry parameters on a pH and free chlorine basis in outdoor swimming pools.

Applications

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

Package includes

- Dulcomarin II Swimming Pool Controller
- pH & Free Chlorine CANBUS probe
- CO₂ controller & injection assembly
- Probe holder & flow switch assembly
- Inline filter assembly
- 25 m 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.
- Backboard mounted, pre-wired and tested.
- Isolation of probes possible.
- Logbook function saves all events.
- Password protected.
- 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 the sample line.
- Amperometric probe for accurate measurement of free available chlorine in the presence of cyanuric acid.
- Visual display of CO₂ flow.
- Adjustable CO₂ flow, up to 25 l/min.



ProMinent Fluid Controls Pty Ltd

www.prominentfluid.com.au

Technical Data - DULCOMARIN-800 Pool Package

Measurement range	pH: 0.00 ... 14	Chlorine: 0 ... 10 ppm
Resolution	pH: 0.01 pH	Chlorine: 0.01 ppm
Control characteristic	Proportional	
Accuracy	0.5% of measurement range	
Controller	1 x multi channel controller with selectable control direction for pH and chlorine	
Standard outputs	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	COMPACT controllers	IP 67
	CO ₂ controller	IP 65

DULCOMARIN-800 Pool Package Components

Description	Qty	Part No
Dulcomarin Controller	1	DXCaW051M0PSEN
CO ₂ controller	1	PA31002458
CO ₂ fixed inline injector 1/2" BSPM	1	PA09751676
pH probe	1	SP100-4330-DH
Chlorine sensor, CGE2-CAN-10ppm	1	1024420
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 5 mm	2	PA07221061
PE tube 25m, 8 x 5 mm	1	A25251004
Filter Assembly	1	P3240T0235-D
Backboard 750 x 600 White LDPE	1	A35051307
pH 4 buffer	1	506251
pH 7 buffer	1	506253

Package Dimensions

750 x 600 x 180mm (H x D x W)

Weight: 12.0 kg (unpacked)

For Multiple Pool Systems

DulcoNet-800 System available on request

Configurations with Additional Probes

DULCOMARIN-810 With additional ORP probe

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