

MACLENNAN CONTROL PANEL PRO – MULTI-FUNCTION PUMP CONTROL AND MONITORING PANEL

INTRODUCTION

The MacLennan Control Panel - Pro is a class-leading pump control panel with many unique features, which has been designed by MacLennan to provide the ultimate in pump operation and diagnostic. The panel features interfaces for use with MacLennan power back-up and telemetry systems as well as connections to whole house alarm and monitoring systems. The Control panel PCB is split with two separate circuits, ensuring that pumping will continue even if one of the control circuits should fail. This effectively means that MacLennan Control Panel-Pro is two control panels in one case, offering unrivalled redundancy.

Self diagnostic programs test the pumps on a weekly basis to ensure correct pump performance, with the appointed service engineer automatically informed of any detected problem with either of the pumps if the MacLennan Dialer telemetry system is installed.

The MacLennan Control Panel Pro will operate a maximum of two 750W 230V AC pumps. The panel is supplied with a vertical water level float switch and high water alarm float switch. The panel is designed to be used with an optional MacLennan Power Converter, sized to suit the pumps installed and a minimum of one 12VDC standby battery of at least 110A/H.



PANEL SUPPLIED WITH DIALER FITTED

When the Control Panel and the Dialer are purchased together, the panel is supplied with the dialer already securely mounted within the panel. All power and trigger wiring is pre-connected and the dialer is already programmed to receive the trigger information from the control panel.

The programmed triggers from the panel to the dialer allow for the dialer to give accurate information on a number of alarm occurrences within the panel:

1. Water Level High
2. Pump Requires Attention
3. Pump Mains Failure

These warnings can be sent via text or voice (or both text and voice) to up to eight different land-line or mobile telephone numbers.

BATTERY BACK-UP

The Control Panel-Pro has the ability to receive two totally independent power supplies; one from the mains, and one from a correctly sized MacLennan Power Converter.

TECHNICAL SPECIFICATION

Width (mm)	290.0
Height (mm)	240.0
Depth (mm)	94.0 or 17.0 if recessed into wall
Weight (kg)	3.94
Power supply	230V (+ Battery Back Up Option)
Sounder volume (dB)	94 (at 1000mm)
Switch Type	Vertical (Pumps) & Reed (Alarm)