

# ProfiDrum<sup>®</sup>

Customer User Manual

Control Box

Version 4: October 2025

Copyright © 2024 by ProfiDrum All rights reserved. This document or any portion thereof may not be reproduced or used in any manner whatsoever without the express written permission of ProfiDrum. First Release, 2012

## Inside The Control Unit

Your ProfiDrum RDF is equipped with a control box that controls your filtration process:



At the front of the control box are:

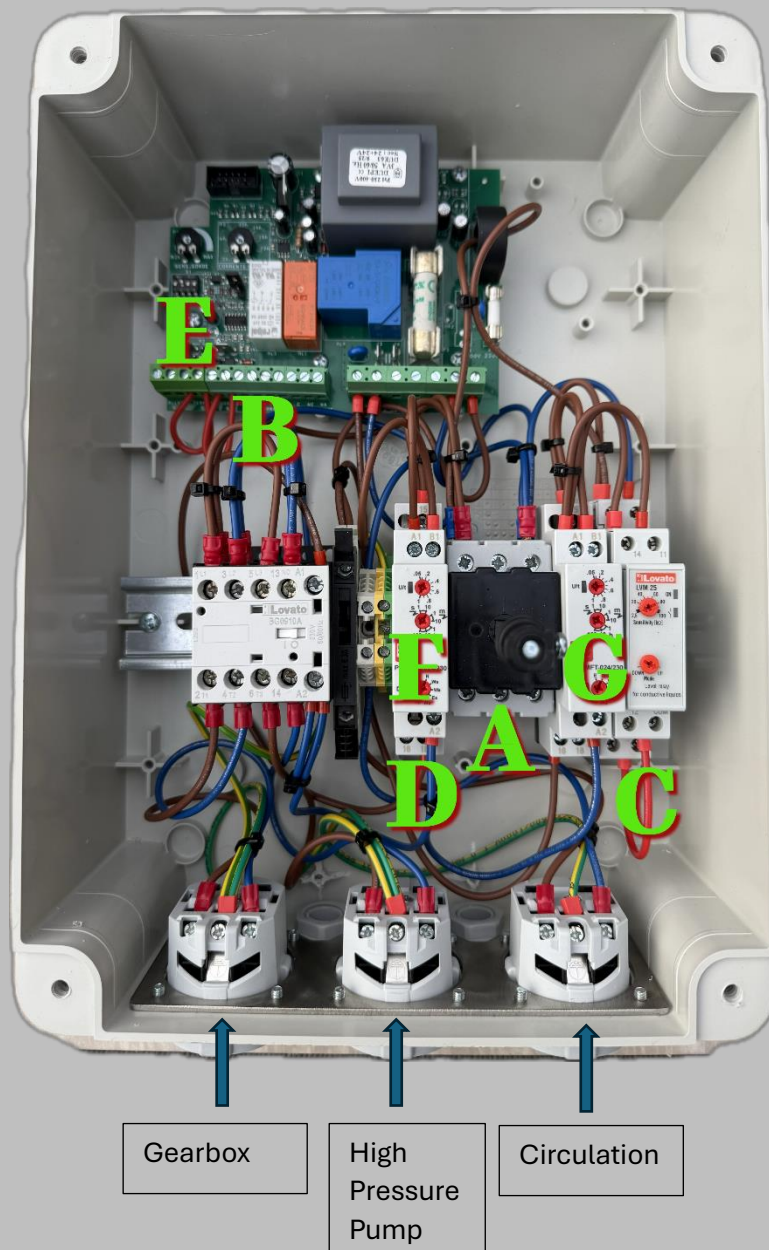
- Main Power switch
- Automatic button for automatic cleaning (DEFAULT)
- Stop/reset Switch
- Manual/test Switch for manual cleaning

Inside the control box you will find the components to wire your Control Box including cable glands (strain reliefs), Probe(s) and a Ground Block

**The filter will not clean automatically without the “Automatic” light on.**

### **\*Electrical Hazard\***

Turn off the incoming power (Main) at the circuit breaker during installation



*The internals of your control unit might look different, as components have been removed for demonstration purposes.*

## Connecting The Wires To The Control Unit

- A:** Connect main power here
- B:** Connect probes here, one probe to terminal 7 and one probe to terminal 9.
- C:** Flow switch, (green and white cable) connect the flow switch after testing the system. \*
- D:** Ground block, green and yellow (earth cable)

**E:** Dip switch setting:

Gravity Set-Up: 1 = down. 2 = up. 3 and 4 = down

Pump Fed Set-Up: 1 = up, 2, 3 and 4 = down

**F:** Cleaning cycle timer relay 1 = hour. 2 = percentage \*\*

**G:** Low-level protection switches off the control box 1 = hour. 2 = percentage. \*\*\*

**\*Electrical Hazard\*** Turn off the incoming power (Main) at the circuit breaker during installation

## Timer settings

After connecting and testing the control box please:

\* Figure G. - Remove temporary red wire and place the green and white cable on B1 and B3

Recommended time settings rinsing process:

\*\* Figure F. - White button on 20 seconds - Blue button on 10, this gives a rinsing time of 10 seconds

Recommended shut-off time:

\*\*\* Figure G. - White button on 2 hours Blue button on 5, shuts-off the control box for 30 minutes.



## Warranty – Control Box ONLY

This product is guaranteed against defects in material and workmanship for **12 months** from the date of purchase, under normal usage.

The guarantee **DOES NOT APPLY** in case of improper use, negligence, lack of maintenance or accidental damage to the ProfiDrum.

Liability is limited to replacement of the faulty product only; no other costs will be reimbursed.

This guarantee is not transferable and does not affect your statutory rights. This guarantee does not confer any rights other than those expressly set out above.

**DO NOT** attempt to tamper with the ProfiDrum components, other than as directed by a ProfiDrum BV Ltd, as doing so will invalidate the warranty.

The manufacturer or supplier shall not be responsible or held liable for any damages caused by defective components or materials of this product; or loss incurred by interruption of service; or any consequential/incidental damages and expenses arising from the production, sale use or misuse of this product of any other consequential loss.

Any warranty claim must be accompanied by a valid, dated proof of purchase.

ProfiDrum BV Ltd and its dealers shall not be held liable for any loss of fish, plants or other livestock as a result of any failure or defect of this product.

The installation and use of your product outside of our recommendations may also void the warranty.

### Indemnity Clause

Any ProfiDrum dealer, customer, installer, contractor or end user who installs or operates a ProfiDrum system using non-standard or non-approved ProfiDrum components, including, but not limited to, the control box, high-pressure pump, gearbox, or motor, agrees to indemnify and hold harmless ProfiDrum B.V. Ltd from and against any and all claims, damages, liabilities, losses, costs, or expenses (including reasonable legal fees) arising out of or related to the use of such non-standard parts.

This indemnification includes, without limitation, any product liability, financial loss, property damage, or personal injury resulting directly or indirectly from the use, installation, or operation of the modified or non-standard system. For example, if a ProfiDrum dealer, customer, installer, contractor or end user installation causes property damage, the dealer, customer, installer, contractor or end user shall be fully responsible for covering the repair costs and any related liabilities. For the avoidance of doubt, ProfiDrum shall bear no responsibility or liability whatsoever for any damages or losses resulting from the installation or operation of its products with components not supplied or approved in writing by ProfiDrum.

*ProfiDrum BV Ltd reserve the right to change this product specification without prior notice.*

**ProfiDrum BV Ltd.**, Great North Road, Rockley, Nottinghamshire, England, DN22 0QW

Tel: 01777 819740      Email: [info@profidrum.com](mailto:info@profidrum.com)      Website: [www.profidrum.com](http://www.profidrum.com)

# Warranty Card

Or register online at [www.profidrum.com](http://www.profidrum.com)

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Country: \_\_\_\_\_

Postcode: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Email: \_\_\_\_\_

Purchased From: \_\_\_\_\_

Address where Purchased: \_\_\_\_\_

Country: \_\_\_\_\_

Postcode: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Date Of Purchase: \_\_\_\_\_

Model: \_\_\_\_\_

Serial Number: \_\_\_\_\_

**I have read and accept the terms and conditions listed in the warranty card and understand the obligations of the Customer under this warranty.**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Returning this registration form will amount to your consent for us to disclose your details and other personal information to other companies within the ProfiDrum group including any subsidiary company or subcontractor of Profidrum for the purposes of performing our obligations under the warranty.

Telephone: 01777 819740

ProfiDrum BV Ltd, Great North Road, Rockley, Notts, England, DN22 0QW

## **Disclaimer**

This document has been prepared with the utmost care. However, ProfiDrum accepts no liability for any inaccuracies within this document. Please contact ProfiDrum or your dealer for any needed explanation or clarification of these instructions. ProfiDrum is not liable for damages or injuries that occur as a result of not correctly following and/or neglect of the directions that are presented here in this manual.

All rights reserved to ProfiDrum