

VERDERFLEX VP2-HT MULTIFUNCTIONAL

Dosing pump system for pools and water treatment



Description

Multifunctional peristaltic digital, proportional dosing pump for dosing chemicals. Wall and foot mounted pumps available. Protection class IP 55. This dosing pump system has a longer engine life and better performance under pressure because of a bearing on the rollers holder.

Features

- Start time delay setting
- Status and programming led alarm
- STAND-BY function to stop dosing
- Priming button for quick installation
- Default parameter restore option
- Hose break sensor/alarm
- Level probe sensor input for checking product levels
- On/off switch
- Schuko plug

Function modes

- Manual: constant
- ON/OFF: cyclic dosing with programmable delay
- Pulses: proportional flow rate according to pulses from water meter, with or without memory
- Ppm: automatically adjusted flow rate to achieve requested ppm level (signal from water meter)
- mA: Proportional to received external mA signal, proportionality full range programmable
- Quantity: dosing a programmable quantity on switching on or enabling signal
- Timer dos: hourly interval during reception of enabling signal
- Timer: 10 programmable doses, daily and weekly

Display

- Backlit LCD display, 16 x 2 characters
- 4 Languages
- Display of flow rate
- Password protected

Options

- Personalized front
- Three rollers for more accurate dosing
- Alarm relay output

Technical data

| | | | |
|-----------|-----------------------------------|----------------|--------------------------|
| Pump body | PP reinforced with 30% fiberglass | Rolls | Delrin |
| Tube | Santoprene | Power | 90 - 250 VAC, 50 - 60 Hz |
| Fittings | PP ring nuts 4x6 mm tube | Probe Fittings | HTP |

| Model | Max. l/h | Max cc/min | Pressure (bar) | Tube ø mm | Power cons. (Watt) | rpm | Weight (kg) |
|--------|----------|------------|----------------|-----------|--------------------|-----|-------------|
| 03-01* | 3.0 | 50 | 1 | 5.8 x 9.3 | 20 | 20 | 0.9 |
| 06-01* | 6.0 | 100 | 1 | 5.8 x 9.3 | 20 | 48 | 0.9 |
| 12-01* | 12.0 | 200 | 1 | 5.8 x 9.3 | 20 | 104 | 0.9 |
| 20-01* | 20.0 | 333.3 | 1 | 5.8 x 9.3 | 20 | 150 | 0.9 |
| 02-04* | 2.0 | 33.3 | 4 | 4.8 x 9.6 | 20 | 20 | 0.9 |
| 05-04* | 5.0 | 83.3 | 4 | 4.8 x 9.6 | 20 | 48 | 0.9 |

* 20% flow rate decreasing on 3 rolls version. Please consult supplier for effects 3 rollers

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Dimensions

(in mm)



Standard intallation kit

| PP-VL-VT 1/2" Injection lip valve | PP-VL-VT 1/2" Foot filter with lip valve | Delivery tube 2 m PE 4x6 | Suction tube 2 m PVC 4x6 |
|--------------------------------------|---|-----------------------------|-----------------------------|
| | | | |

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Find your local supplier at www.verderliquids.com

For construction, installation and floor mounting drawings
please contact your local authorised Verderflex® distributor.