

☆☆☆ **FILTRON 20 30** ☆☆☆ The advanced modular AC / DC backflush controller

Following the tradition of the well-known family of **TALGIL's** backflush controllers, the **FILTRON 20 30** offers professional features, simplicity of use and uncompromised reliability.

The **FILTRON 20 30** which is available both in **AC and DC versions** is a **modular** controller suitable for flushing **20 or 30 filters**. It is equipped with a **large customized graphic LCD** display and only 4 keys that leave the user no room for confusion.

The **FILTRON 20 30** can be ordered with a **built-in analog DP sensor** that enables reading the actual value as well as triggering the flushing cycle by a preset value.

The **FILTRON 20 30** can also control a downstream pressure sustaining valve for the cases of systems suffering from pressure shortage.

The **FILTRON 20 30** is suitable for gravel filters, disc filters and screen filters.

General Features:

■ **Outputs**

- The modular structure enables from 20 or 30 outputs.
- In the DC model – 2 Wired 12V DC pulse Latching solenoids
- In the AC model – 24V AC solenoids

■ **Inputs**

- Built-in analog DP sensor
- Input for external digital (dry contact) DP sensor
- Input for digital low pressure sensor

■ **Modes of operation:**

- Flushing triggered by Pressure Differential only
- Flushing triggered by time only
 - Flushing triggered either by Pressure Differential or by time, the one that occurs first
- Manual flushing

■ **User selectable parameters:**

- Flushing time per station
- Differential pressure set point
- Flushing interval
- Main valve (Down Stream Valve) Yes / No
- Pre dwell and Dwell delay times
- DP response time
- Looping limit - consecutive back flush cycles
- Alarm output for external controller Yes / No
- Pressure units BAR or PSI

■ **Logging:**

- Number of cycles triggered by time
- Number of cycles triggered by DP
- Number of cycles triggered manually

■ **Alarms:**

- Endless looping of consecutive back flush cycles
- Low pressure indication
- Low battery

■ **Real time displayed information:**

- Actual pressure differential value
- During the flushing process showing the active output at each stage
- Between the flushing cycles showing the left time until next cycle

■ **Energizing options:**

- In the DC model - 4 standard "D" type alkaline batteries or 12V DC from external source
- In the AC model - built in 220/ 110 v AC power supply

