

PRODUCT DATASHEET

CICLÓN
Filtros



Filter cleaning





CICLON® filter is a configurable controller that is easy to program and use that enables automatic cleaning of the different filter head elements.

WHAT DOES IT CONTROL?

It automatically cleans the filters on a filter head



SPECIFICATIONS

Start by time

Start by volume

Inicio por presostato diferencial

Active operating hours

Independent cleaning and pause times for each filter

Time between cleanings dependent or independent on flow detection input

Programmable delay for the differential pressure switch input to avoid errors due to false contact

Master valve can be advanced or delayed with respect to cleaning

OTHER FEATURES

Active operating hours

Independent cleaning and pause times for each filter

Time between cleanings dependent or independent on flow detection input

Programmable delay for the differential pressure switch input to avoid errors due to false contact

Master valve can be advanced or delayed with respect to cleaning

RS232 port for firmware update from PC, with no need to send it to the factory





START TYPES FOR CLEANING

- **By time.** The time between cleanings is programmed, which can be dependent or independent of whether there is flow in the head
- **By volume.** The water volume between cleanings is programmed
- **By pressure switch.** A differential pressure switch will determine the start
- **Manual start.** Manual start by the user

INPUTS

It has two opto-coupled digital inputs for:

- Flow detection in the head to increase the time between cleanings
- Differential pressure switch. Used to start cleaning

OUTPUTS

- Available with 8 or 16 10 A/250 V_{AC} relay outputs
- The function of the outputs is configurable
- Output configurable as master valve
- Filter outputs
- 1A 24 V_{AC} internal transformer for surface units and 1.25 A for built-in units
- One RS232 communications port



POWER

- 230 V_{AC} 50/60 Hz
- 115 V_{AC} 50/60 Hz (on request)
- 12 V_{DC} (on request)



MODELS

- **Number of outputs:** 8 and 16

- + CF08 -> 8 filters or 7 filters + Master Valve
- + CF16 -> 16 filters or 15 filters + Master Valve

- **Supply voltage and outputs:**

- + 230/110 V_{AC} power and 24 V_{AC} outputs. (110 V_{AC} on request)
- + 230/110 V_{AC} power and 12 V_{DC} outputs (on request)
- + 230 V_{AC} power and two-wire Latch outputs (on request)
- + 12 V_{DC} power and 12 V_{DC} outputs (on request)
- + 12 V_{DC} power and two-wire Latch outputs (on request)

- **Surface or built-in version.**



USER INTERFACE

- It has an **LCD display with 4 lines of 20 characters**
- Features a 16-key numeric keypad with a pulse membrane ('clinch')

- **Available languages: Spanish, English, French and Portuguese.** The language is selected from the unit with no need to request the desired language from the factory





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The most efficient controller for automatic filter head cleaning

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