

# PRAGO 2 AUTOMATIC FILTER FOR BOREHOLE WATER

**HECTRON**

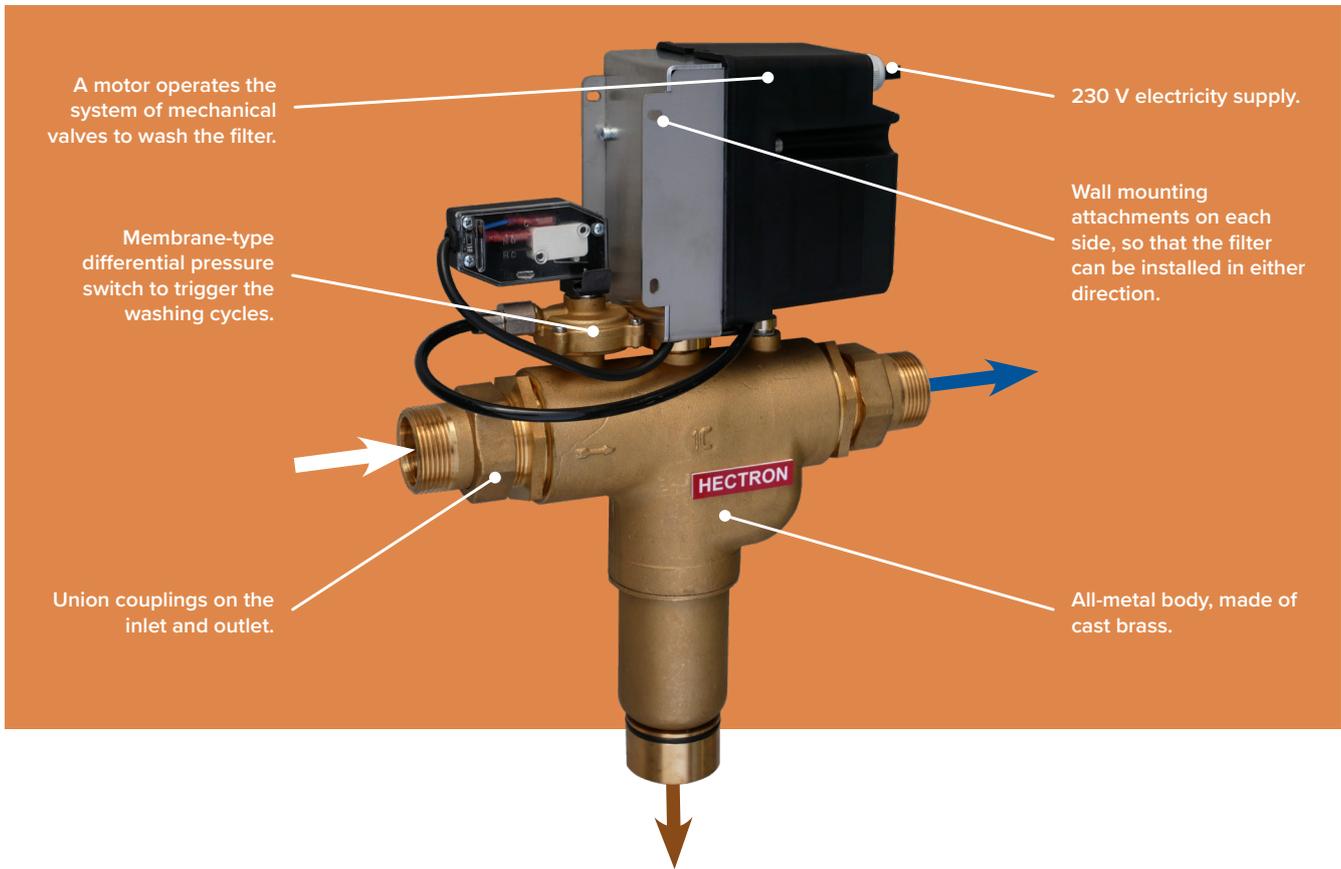
**100%**  
AUTOMATIC

FROM  
**100 µm**

UP TO  
**8 m<sup>3</sup>/h**

MADE IN  
**FRANCE**

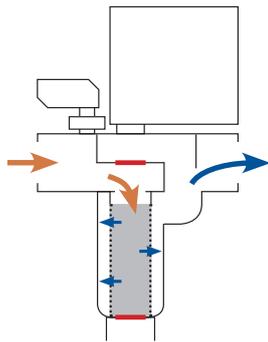
The Prago 2 filter provides a fully automatic solution for the filtration of well or borehole water loaded with sand. Delivered fully equipped, this filter is installed directly in line on the piping.



## OPERATION

### During filtration

Filtration is carried out using a cylindrical sieve, from the inside towards the outside.

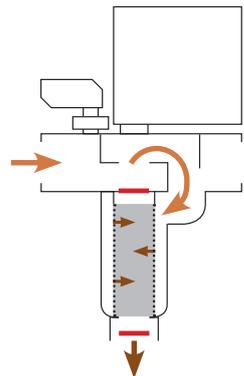


### During washing

The filter washing cycle starts when the pressure switch detects clogging.

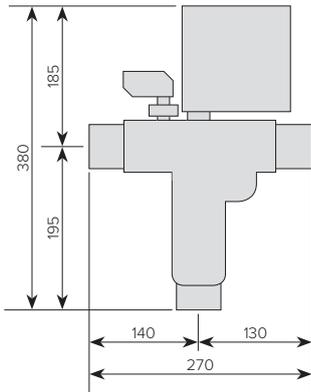
Several mechanical valves open or close (red lines). The water flow reverses and washes the sieve by back-flow.

The solids are evacuated with a few litres of water.



# TECHNICAL SPECIFICATIONS

Dimensions in mm



#### Filtration degrees available:

- 100 µm
- 200 µm
- 300 µm

|                        |  | Prago 2           |                            |
|------------------------|--|-------------------|----------------------------|
| Operating conditions   | Maximum service pressure                     | Bar               | 7                          |
|                        | Minimum inlet pressure                       | Bar               | 0.5                        |
|                        | Minimum outlet pressure                      | Bar               | 0                          |
|                        | Maximum water temperature                    | °C                | 70                         |
|                        | Maximum size of solids to be filtered        | mm                | 5                          |
| Filter characteristics | Inlet / outlet                               |                   | 1"1/4 BSPM                 |
|                        | Evacuation                                   |                   | PVC to be bonded<br>Ø50 mm |
|                        | Filtration degree                            | µm                | 100, 200 or 300            |
|                        | Max. flow rate                               | m <sup>3</sup> /h | 8                          |
|                        | Electricity supply                           | V / Hz            | 230 / 50                   |
|                        | Ingress protection rating                    |                   | IP40                       |
|                        | Power  | W                 | 50                         |
|                        | Weight empty                                 | kg                | 7                          |
|                        | Filtration area                              | cm <sup>2</sup>   | 130                        |
|                        | Volume of water discharged per washing cycle | L                 | 10                         |
|                        | Washing cycle duration                       | s                 | 14                         |
| Maximum head loss      | Bar  | 0.5               |                            |
| Materials              | Body   |                   | Brass                      |
|                        | Filtering sieve                              |                   | Stainless steel, PET       |
|                        | Motor support                                |                   | Stainless steel            |

## APPLICATION: WELLS AND BOREHOLES

- Well or borehole water loaded with sand
- Domestic or professional use
- Protection of heat pump exchangers on groundwater
- Protection of watering systems: solenoid valves and jets

