



## GF – Self Cleaning

### GF SELF CLEANING NOZZLES



The self-cleaning design of the GF series nozzles allow an easy maintenance of cleaning spray bars and shower headers.

The nozzle body contains a mobile piston whose opening and closure is operated by the water pressure. For example, when nozzles wash mesh fabrics with an operating pressure of 3 bar, this pressure is higher than a spring force of 1 bar.

Piston and nozzle body come close producing a flat fan spray. If the inlet pressure is reduced to 0.5 bar, lower than a spring force of 1 bar, piston and nozzle body separate opening to the maximum distance.

Water pressure remains at 0.5 bar and removes any build up when back to normal condition. In a word, to clean these nozzles it's sufficient to reduce pressure to avoid the accumulation of dirt inside.

GF self-cleaning nozzles are easy to install, align and clean ensuring relevant time and costs savings. The spring force is set depending on customer's plant working pressure.

#### Characteristics

- **Spray Angle:** 0 – 80°.
- **Capacity:** 1.0-13.9 L/min (3 bar).
- **Materials:** AISI 316L.

#### Typical applications:

- ✓ washing or spraying in pulp and paper mills,
- ✓ mesh fabrics cleaning,
- ✓ water treatment systems,
- ✓ and many more.