

# AQUABION®

Galvanic Water Treatment  
Without chemicals or external power supply

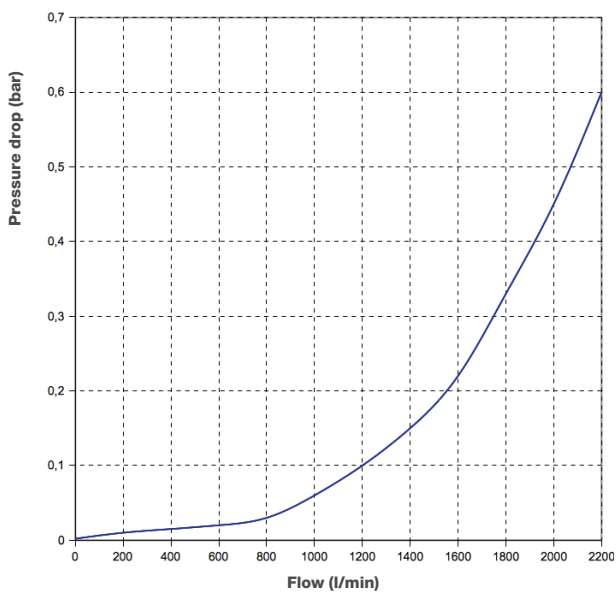


## Technical sheet

### AQUABION® AB-F100



Pressure drop at type AB-F100



**Internal diameter** 4" DN100

|                               |                        |
|-------------------------------|------------------------|
| Connection                    | flange                 |
| Length                        | 445 mm                 |
| Body diameter                 | 160 mm                 |
| Weight                        | 27,25 kg               |
| Maximum pressure              | 16 bar                 |
| Nominal flow at 2m/s          | 60,0 m <sup>3</sup> /h |
| Pressure drop at nominal flow | 0,06 bar               |

#### 8-Holed Flanges

|                                      |               |
|--------------------------------------|---------------|
| 4"-Diameter of the Flange            | 220 mm        |
| Circular Diameter of the Flangebores | 180 mm        |
| Flange Bore / Flange thickness       | 18 mm / 20 mm |

**Material** **Body** GZ-CuZn35Al1 (2.0592.01)  
**Flange** G-CuZn35Al1 (2.0592.03)

|                |               |                 |
|----------------|---------------|-----------------|
| Internal parts | Zinc anode    | Zn2 DIN EN 1179 |
|                | Swirling body | 1.4301          |
|                | Sealing ring  | PTFE            |

**Construction** The body of the device consists of a single sleeve with two DIN flanges. The surface is nickel plated

|                            |               |      |
|----------------------------|---------------|------|
| <b>Temperatures of use</b> | Warm water:   |      |
|                            | - stored      | 60°C |
|                            | - circulating | 60°C |

**IMPORTANT:** AQUABION® must be installed in metal or plastic piping with metal piping before and after AQUABION® and with equipotential bonding.

