



# EMI 4000

## NEW GENERATION OF ANTI-SCALING SYSTEMS

Dropson uses advanced EMI (Electro Magnetic Impact) technology, which, combined with calculation software, enables its use in various fields and applications.

### General specifications

Male fittings	DN 26 - 1"
Food grade stainless steel fittings	AISI 304L
Food grade stainless steel treatment cell	AISI 316L
Stainless steel case	AISI 304L
Protection factor	IP 54
Weight	7,5 Kg
Dimensions	390 x 190 x 70 mm

### Hydraulic specifications

Peak flow	4,5m <sup>3</sup> /h
Pressure drop (with peak flow)	100 gr/cm <sup>2</sup>
Maximum pressure	10 bars
Maximum recommended salinity	1500 TDS
Maximum recommended hardness	100° fH
Application index	A Type (*)

(\*A Type= intermittent peak flow application)

(\*B Type= sustained peak flow application)

ADVICE: install a sediment filter before DROPSON (25 microns)

### Electric specifications

Model	Voltage	Cable type	Plug
4000 F	220V-240V-AC 50/60HZ	H05 WF 3G1 2PT+T	F Type
4000 I	220V-240V-AC 50/60HZ	AS/NZS 3112	I Type
4000 B	110V-120V-AC 50/60HZ	NEMA 5-15 (B)	B Type

- Average consumption: 22 watts
- Overvoltage protection with varistors: 8000A / 1120V
- Cable length: 1,5m

### Temperatures

Maximum inlet water temperature: 40°C

Maximum temperature of treated water: 80°C.

For DHW accumulation, we recommend a temperature between 65° and 70° maximum.

### Tecnology

E.M.I. Technology (Electronic Magnetic Impact)	EMI
Treatment cell with turbulent flow	Vortex

### Applicable standards

Electromagnetic Compatibility CEM directive 2014/30/CEE
Electric conformity norm UNE-EN 60335-1
Stainless steel norm AISI 316L SVGW W/TPW 119/1(*)

(\*) Food grade

