



EMI 2500

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 20 - 3/4"
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	4,7 Kg
Dimensions	295 x 170 x 58 mm

Hydraulic specifications

Peak flow	2,5m ³ /h
Pressure drop (with peak flow)	82 gr/cm ²
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
2500 F	220V	H05 WF 3G1 2PT+T	F Type
2500 I	220V	AS/NZS 3112	I Type
2500 B	110V	NEMA 5-15 (B)	B Type

- Average consumption: 15 watts
- Overvoltage protection with varistors: 8000A / 1120V
- Cable length: 1.5m - 2m

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 2004/108/CEE
Electric conformity norm EN 60335-1
Stainless steel norm AISI 316L SVGW W/TPW 119/1(*)

(*) Food grade

