



EMI 5000

LIMESCALE PREVENTER FOR SWIMMING POOLS AND FOUNTAINS

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 50 - 2" PVC
Food grade stainless steel treatment cell	AISI 316L
Galvanized steel - Case Baked Lacquered (Thermal polymer)	Galvanized steel
Protection factor	IP 54
Weight	12,5 Kg
Dimensions	385 x 240 x 145 mm

Hydraulic specifications

Peak flow	12m3/h
Pressure drop (with peak flow)	100 gr/cm2
Maximum pressure	10 bars
Maximum recommended salinity	1500 TDS
Maximum recommended hardness	100° fH

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

Electric specifications

Model	Voltage	Cable type	Plug
5000 F	220V-240V-AC 50/60HZ	H05 WF 3G1 2PT+T	F Type
5000 I	220V-240V-AC 50/60HZ	AS/NZS 3112	I Type
5000 B	110V-120V-AC 50/60HZ	NEMA 5-15 (B)	B Type

- Average consumption: 30 watts
- Overvoltage protection with varistors: 8000A / 1120V
- Cable length: 1,5m

Temperatures

Maximum inlet water temperature: 40°C
Maximum temperature of treated water: 60°C.

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

