



**dropson<sup>®</sup>**

New generation electronic limescale preventer

**EMI 2500**



## General specifications.

Male fittings  
Food grade stainless steel fittings  
Food grade stainless steel treatment cell  
Stainless steel case  
Protection factor  
Weight  
Dimensions

DN 20 - 3/4"  
AISI 303  
AISI 316 L  
AISI 304  
IP 54  
4,3 Kg  
295 x 170 x 58 mm

## Hydraulic specifications.

Peak flow  
Pressure drop (with peak flow)  
Maximum pressure  
Maximum recommended salinity  
Maximum recommended hardness

Application index

(\*A Type= intermittent peak flow application)

(\*B Type= sustained peak flow application)

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

2,5m<sup>3</sup>/h  
82 gr/cm<sup>2</sup>  
10 bars  
1500 TDS  
100° fH  
A Type (\*)

## Technology.

E.M.I technology (electronic magnetic impact )  
Treatment cell with turbulent flow

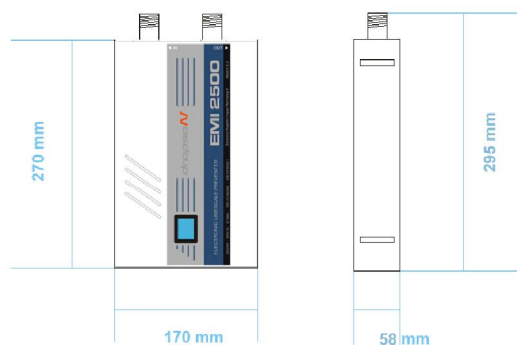
E.M.I  
Vortex

## Electric specifications.

Power supply : 220/240 V- AC 50/60Hz  
Power cable H05 WF 3G1 2P+T (2 meters)  
Average consum : 15 watts.  
Varistors overvoltage protection : 8000A / 1120V.

## Applicable standards.

Electromagnetic Compatibility CEM directive 89/336/CEE  
Electric conformity norm EN 60335-1  
Stainless steel norm AISI 316L SVGW W/TPW 119/1(\*)  
(\*) Food grade





**dropson®**

New generation electronic limescale preventer

**EMI 4000**



## General specifications.

Male fittings  
Food grade stainless steel fittings  
Food grade stainless steel treatment cell  
Stainless steel case  
Protection factor  
Weight  
Dimensions

DN 26 - 1"  
AISI 304  
AISI 316 L  
AISI 304  
IP 54  
7,5 Kg  
390 x 190 x 70 mm

## Hydraulic specifications

Peak flow  
Pressure drop (with peak flow)  
Maximum pressure  
Maximum recommended salinity  
Maximum recommended hardness  
Application factor  
(\* A Type = intermittent peak flow application)  
*ADVICE : install a sediment filter before DROPSON (25 microns)*

4,5m3/h  
100 gr/cm2  
10 bars  
1500 TDS  
100° fH  
Type A(\*)

## Technology.

E.M.I technology (electronic magnetic impact )  
Treatment cell with turbulent flow

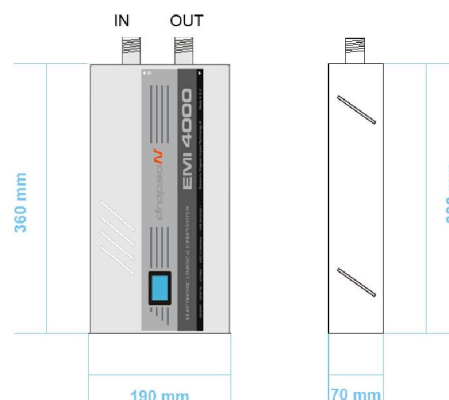
E.M.I  
Vortex

## Electric specifications.

Power supply: 220/240 V- AC 50/60Hz  
Power cable H05 WF 3G1 2P+T (3 meters)  
Average consum: 22 watts  
Varistors overvoltage protection: 8000A / 1120V.

## Applicable standards.

Electromagnetic Compatibility CEM directive 89/336/CEE  
Electric conformity norm EN 60335-1  
Stainless steel norm AISI 316L SVGW W/TPW 119/1(\*)  
(\* Food grade)





# dropson®

New generation electronic limescale preventer

## EMI 5000

Limescale preventer  
for swimmingpools and fountains



### General specifications.

Male fittings  
Food grade stainless steel fittings  
Food grade stainless steel treatment cell  
Stainless steel case  
Protection factor  
Weight  
Dimensions

DN 50 - 2"  
Acetal  
AISI 316 L  
AISI 304  
IP 54  
11 Kg  
385 x 240 x 145 mm

### Hydraulic specifications.

Peak flow  
Pressure drop (with peak flow)  
Maximum pressure  
Maximum recommended salinity  
Maximum recommended hardness  
*ADVICE : install a sediment filter before DROPSON (25 microns)*

12 m3/h  
82 gr/cm2  
6 bars  
1500 TDS  
100° fH

### Technology.

E.M.I technology (electronic magnetic impact )  
Treatment cell with turbulent flow

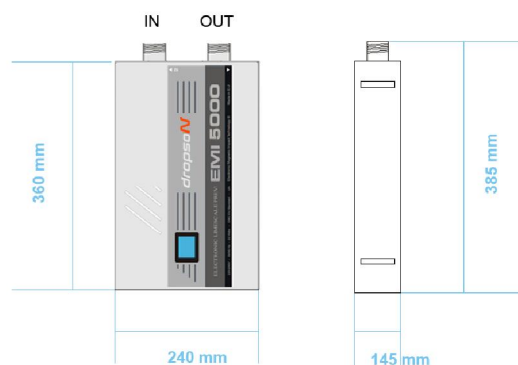
E.M.I  
Vortex

### Electric specifications.

Power supply : 220/240 V- AC 50/60Hz  
Power cable H05 WF 3G1 2P+T (2 meters)  
Average consum : 30 watts.  
Varistors overvoltage protection : 8000A / 1120V.

### Applicable standards.

Electromagnetic Compatibility CEM directive 89/336/CEE  
Electric conformity norm EN 60335-1  
Stainless steel norm AISI 316L SVGW W/TPW 119/1(\*)  
(\*) Food grade





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New generation electronic limescale preventer

**EMI 7500**



### General specifications.

Female fittings  
Food grade stainless steel fittings  
Food grade stainless steel treatment cell  
Stainless steel case  
Protection factor  
Weight  
Dimensions

DN 32 - 1" 1/4  
AISI 304  
AISI 316 L  
AISI 304  
IP 54  
10 Kg  
490 x 190 x 85 mm

### Hydraulic specifications.

Peak flow  
Pressure drop (with peak flow)  
Maximum pressure  
Maximum recommended salinity  
Maximum recommended hardness  
Application factor

6,5 m3/h  
79 gr/cm2  
10 bars  
1500 TDS  
100° fH  
Type B(\*)

(\* B Type = application for sustained peak flow )

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

### Tecnology.

E.M.I technology (electronic magnetic impact )  
Treatment cell with turbulent flow

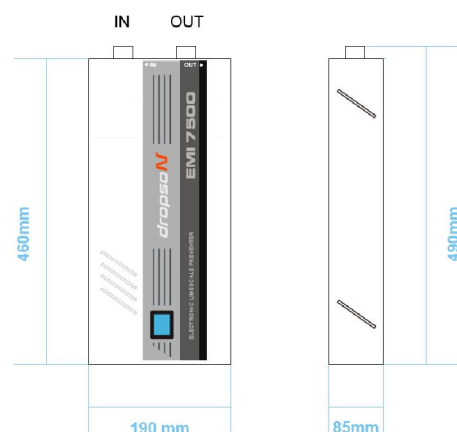
E.M.I  
Vortex

### Electric specifications.

Power supply: 220/240 V- AC 50/60Hz  
Power cable H05 WF 3G1 2P+T (3 meters)  
Average consum: 30 watts  
Varistors overvoltage protection: 8000A / 1120V.

### Applicable standards.

Electromagnetic Compatibility CEM directive 89/336/CEE  
Electric conformity norm EN 60335-1  
Stainless steel norm AISI 316L SVGW W/TPW 119/1(\*)  
(\*) Food grade.





**dropson®**

New generation electronic limescale preventer

**EMI 8000**

Warranty  
**10**  
YEARS

### General specifications.

Female fittings  
Food grade stainless steel fittings  
Food grade stainless steel treatment cell  
Stainless steel case  
Protection factor  
Weight  
Dimensions

DN 32 - 1" 1/4  
AISI 304  
AISI 316 L  
AISI 304  
IP 54  
15 Kg  
385 x 240 x 145 mm

### Hydraulic specifications.

Peak flow  
Pressure drop (with peak flow)  
Maximum pressure  
Maximum recommended salinity  
Maximum recommended hardness  
Application factor

9 m3/h  
75 gr/cm2  
10 bars  
1500 TDS  
100° fH  
Type B(\*)

(\* B Type = application for sustained peak flow )

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

### Technology.

E.M.I technology (electronic magnetic impact )  
Treatment cell with turbulent flow

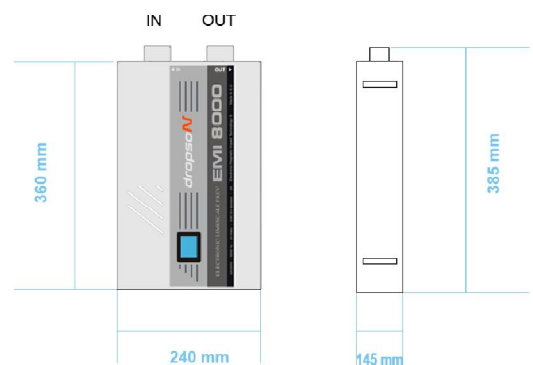
E.M.I  
Vortex

### Electric specifications.

Power supply: 220/240 V- AC 50/60Hz  
Power cable: H05 WF 3G1 2P+T (3 meters)  
Average consum: 40 watts  
Varistors overvoltage protection: 8000A / 1120V.

### Applicable standards.

Electromagnetic Compatibility CEM directive 89/336/CEE  
Electric conformity norm EN 60335-1  
Stainless steel norm AISI 316L SVGW W/TPW 119/1(\*)  
(\*) Food grade







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New generation electronic limescale preventer

**EMI 9000**



## General specifications.

Female fittings  
Food grade stainless steel fittings  
Food grade stainless steel treatment cell  
Stainless steel case  
Protection factor  
Weight  
Dimensions

DN 40 - 1" 1/2  
AISI 304  
AISI 316 L  
AISI 304  
IP 54  
19 Kg  
505 x 250 x 145 mm

## Hydraulic specifications

Peak flow  
Pressure drop (with peak flow)  
Maximum pressure  
Maximum recommended salinity  
Maximum recommended hardness  
Application factor

12 m3/h  
100 gr/cm2  
10 bars  
1500 TDS  
100° fH  
Type B(\*)

(\* B Type = application for sustained peak flow )

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

## Technology.

E.M.I technology (electronic magnetic impact )  
Treatment cell with turbulent flow

E.M.I  
Vortex

## Electric specifications.

Power supply: 220/240 V- AC 50/60Hz  
Power cable: H05 WF 3G1 2P+T ( 3 meters)  
Average consum: 53 watts  
Varistors overvoltage protection: 8000A / 1120V.

## Applicable standards.

Electromagnetic Compatibility CEM directive 89/336/CEE  
Electric conformity norm EN 60335-1  
Stainless steel norm AISI 316L SVGW W/TPW 119/1(\*)  
(\*) Food grade

