



# dropson<sup>®</sup>

NEW GENERATION OF ANTI-SCALING SYSTEMS

## 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)

2,5m3/h  
 82 gr/cm2  
 10 bars  
 1500 TDS  
 100° fH  
 A Type (\*)

### Technology.

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

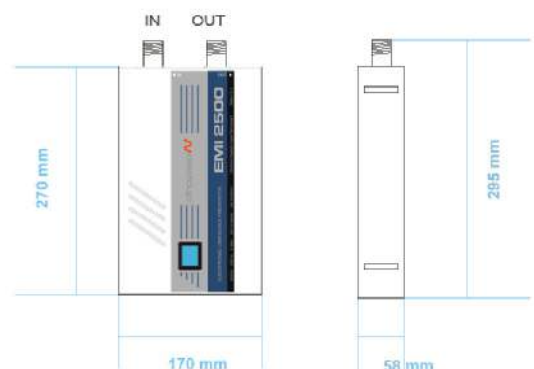
E.M.I  
 Vortex

### Electric specifications.

Power supply : 220/240 V- AC 50/60Hz  
 Power cable H05 WF 3G1 2P+T (1,5 meters)  
 Average consum : 15 watts.  
 Varistors overvoltage protection : 8000A / 1120V.

### 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





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NEW GENERATION OF ANTI-SCALING SYSTEMS

## 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)

4,5m<sup>3</sup>/h  
 100 gr/cm<sup>2</sup>  
 10 bars  
 1500 TDS  
 100° fH  
 Type A(\*)

### Technology.

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

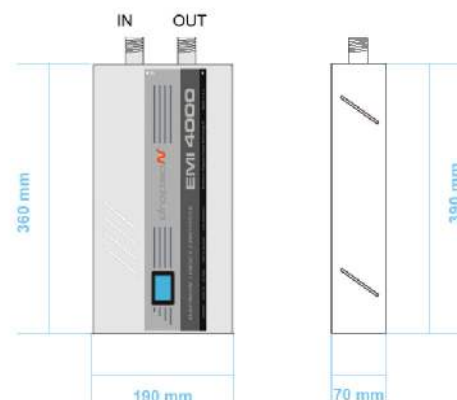
E.M.I  
 Vortex

### 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 2004/108/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 OF ANTI-SCALING SYSTEMS

## 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

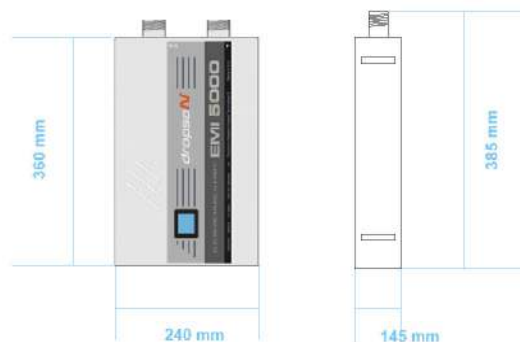
E.M.I  
Vortex

### Electric specifications.

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

### 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





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NEW GENERATION OF ANTI-SCALING SYSTEMS

## 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°F  
 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

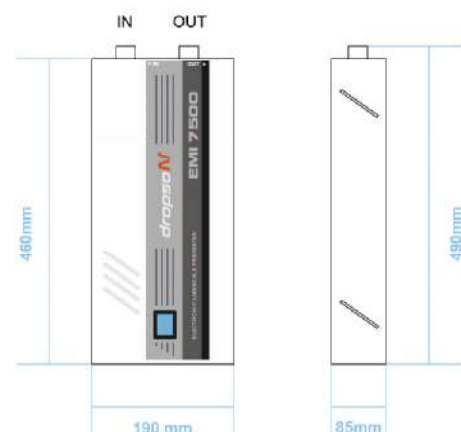
E.M.I  
 Vortex

### 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 2004/108/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 OF ANTI-SCALING SYSTEMS

## EMI 8000



### 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°F  
 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

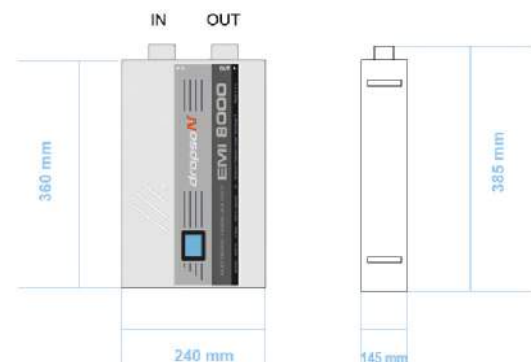
E.M.I  
 Vortex

### 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 2004/108/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 OF ANTI-SCALING SYSTEMS

## EMI 9000

Warranty  
**10**  
YEARS

### General specifications.

Female fittings	DN 40 - 1" 1/2
Food grade stainless steel fittings	AISI 304
Food grade stainless steel treatment cell	AISI 316 L
Stainless steel case	AISI 304
Protection factor	IP 54
Weight	19 Kg
Dimensions	505 x 250 x 145 mm

### Hydraulic specifications

Peak flow	12 m <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 factor	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 )	E.M.I
Treatment cell with turbulent flow	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 2004/108/CEE  
 Electric conformity norm EN 60335-1  
 Stainless steel norm AISI 316L SVGW W/TPW 119/1(\*)  
 (\*) Food grade

