

dropsoN®

NEW GENERATION OF ANTI-SCALING SYSTEMS

EMI 2500

Warranty 5 YEARS

General specifications.

Male fittings	DN 20 - 3/4"
Food grade stainless steel fittings	AISI 303
Food grade stainless steel treatment cell	AISI 316 L
Stainless steal case	AISI 304
Protection factor	IP 54
Weight	4,3 Kg
Dimensions	295 x 170 x 58 mm

Hydraulic specifications.

Peak flow	2,5m3/h
Pressure drop (with peak flow)	82 gr/cm2
Maximum pressure	10 bars
Maximum recommended salinity	1500 TDS
Maximum recommended hardness	100° fH
Application index *(*A Type= intermittent peak flow application)* *(*B Type= sustained peak flow application)*	A Type (*)

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

Technology.

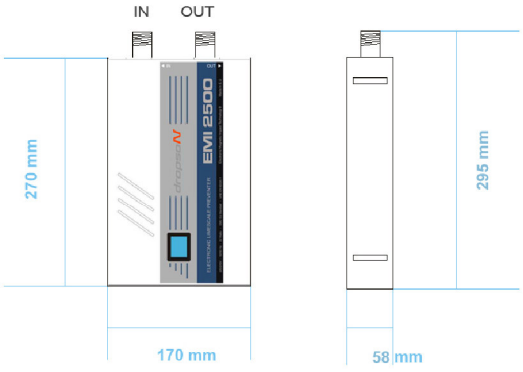
E.M.I technology (electronic magnetic impact)	E.M.I
Treatment cell with turbulent flow	Vortex

Electric specifications.

Power supply : 220/240 V- AC 50/60Hz
Power cable H05 WF 3G1 2P+T (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

Warranty 5 YEARS

General specifications.

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

Hydraulic specifications

Peak flow	4,5m3/h
Pressure drop (with peak flow)	100 gr/cm2
Maximum pressure	10 bars
Maximum recommended salinity	1500 TDS
Maximum recommended hardness	100° fH
Application factor *(* A Type = intermittent peak flow application)*	Type A(*)

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

Technology.

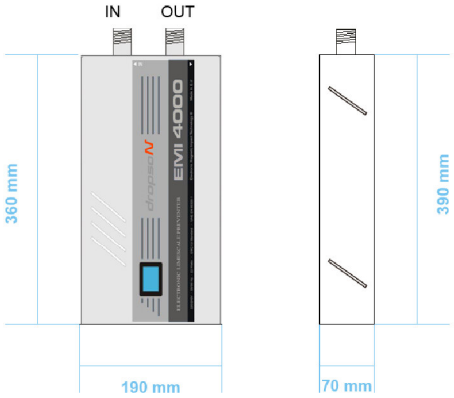
E.M.I technology (electronic magnetic impact)	E.M.I
Treatment cell with turbulent flow	Vortex

Electric specifications.

Power supply: 220/240 V- AC 50/60Hz
Power cable H05 WF 3G1 2P+T (3 meters)
Average consum: 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

Warranty 10 YEARS

General specifications.

Male fittings	DN 50 - 2”
Food grade stainless steel fittings	Acetal
Food grade stainless steel treatment cell	AISI 316 L
Stainless steal case	AISI 304
Protection factor	IP 54
Weight	11 Kg
Dimensions	385 x 240 x 145 mm

Hydraulic specifications.

Peak flow	12 m3/h
Pressure drop (with peak flow)	82 gr/cm2
Maximum pressure	6 bars
Maximum recommended salinity	1500 TDS
Maximum recommended hardness	100º fH

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

Technology.

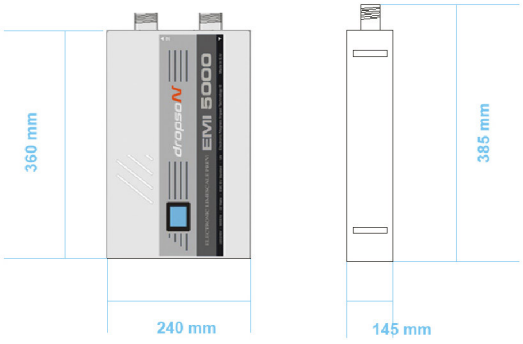
E.M.I technology (electronic magnetic impact)	E.M.I
Treatment cell with turbulent flow	Vortex

Electric specifications.

Power supply : 220/240 V- AC 50/60Hz
Power cable H05 WF 3G1 2P+T (3 meters)
Average consum : 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

Warranty 10 YEARS

General specifications.

Female fittings	DN 32 - 1" 1/4
Food grade stainless steel fittings	AISI 304
Food grade stainless steel treatment cell	AISI 316 L
Stainless steal case	AISI 304
Protection factor	IP 54
Weight	10 Kg
Dimensions	490 x 190 x 85 mm

Hydraulic specifications.

Peak flow	6,5 m3/h
Pressure drop (with peak flow)	79 gr/cm2
Maximum pressure	10 bars
Maximum recommended salinity	1500 TDS
Maximum recommended hardness	100ºF
Application factor	Type B(*)

(B Type = aplication for sustained peak flow)*

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

Tecnology.

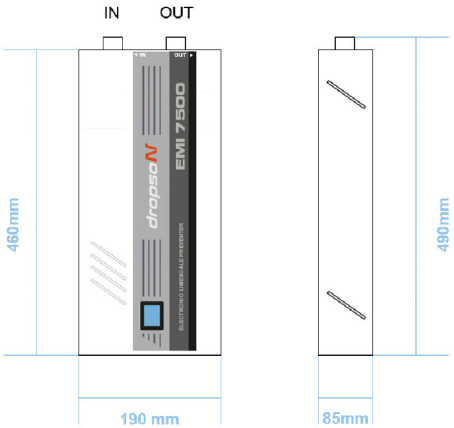
E.M.I technology (electronic magnetic impact)	E.M.I
Treatment cell with turbulent flow	Vortex

Electric specifications.

Power supply: 220/240 V- AC 50/60Hz
Power cable H05 WF 3G1 2P+T (3 meters)
Average consum: 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

Warranty 10 YEARS

General specifications.

Female fittings	DN 32 - 1" 1/4
Food grade stainless steel fittings	AISI 304
Food grade stainless steel treatment cell	AISI 316 L
Stainless steal case	AISI 304
Protection factor	IP 54
Weight	15 Kg
Dimensions	385 x 240 x 145 mm

Hydraulic specifications.

Peak flow	9 m3/h
Pressure drop (with peak flow)	75 gr/cm2
Maximum pressure	10 bars
Maximum recommended salinity	1500 TDS
Maximum recommended hardness	100ºF
Application factor	Type B(*)

(B Type = aplication for sustained peak flow)*

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

Technology.

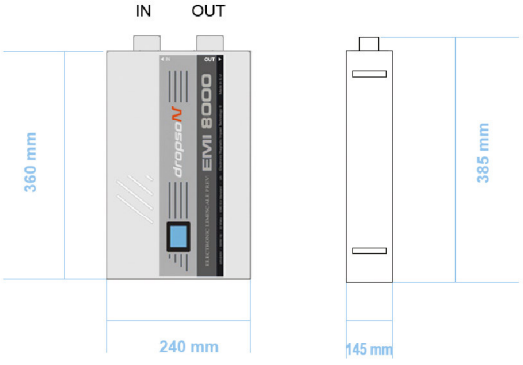
E.M.I technology (electronic magnetic impact)	E.M.I
Treatment cell with turbulent flow	Vortex

Electric specifications.

Power supply: 220/240 V- AC 50/60Hz
Power cable: H05 WF 3G1 2P+T (3 meters)
Average consum: 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 steal case	AISI 304
Protection factor	IP 54
Weight	19 Kg
Dimensions	505 x 250 x 145 mm

Hydraulic specifications

Peak flow	12 m3/h
Pressure drop (with peak flow)	100 gr/cm2
Maximum pressure	10 bars
Maximum recommended salinity	1500 TDS
Maximum recommended hardness	100ºfH
Application factor	Type B(*)

(B Type = aplication for sustained peak flow)*

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

Technology.

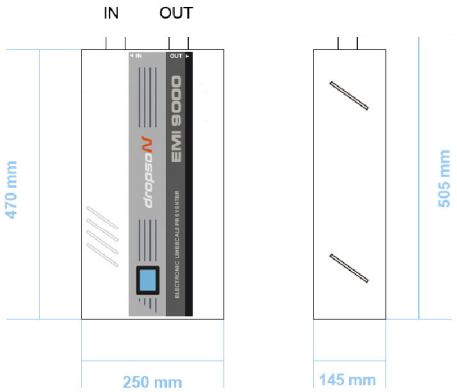
E.M.I technology (electronic magnetic impact)	E.M.I
Treatment cell with turbulent flow	Vortex

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



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