



**THE OPTIMAL WATER FOR
YOUR CATERING APPLIANCES**



DISHWASHER

THE EFFECT IS 'CRYSTAL CLEAR'

Hard water leaves residue, not only on your dishes, but also inside your dishwasher; which leads to poor cleaning results and reduced performance of your dishwasher.

OUR H₂OPTIMO WATER SOFTENERS ASSURE

- ▶ spotless dishes, glasses, utensils without polishing;
- ▶ reduced consumption of detergent and rinse aid;
- ▶ preservation of efficiency and extension of lifespan of dishwasher.



STEAMER

KEEP YOUR KITCHEN AT FULL STEAM

Hard water is an invisible yet deadly enemy for your steamer. Sooner rather than later, your steamer will break down as a result of the hardness minerals present in the feed water.

OUR H₂OPTIMO WATER SOFTENERS ASSURE

- ▶ conservation of efficiency and extension of lifespan of steamer;
- ▶ elimination of downtime for maintenance;
- ▶ no need for chemicals for descaling.

COFFEE MACHINE

GREAT WATER FOR GREAT COFFEE

Hard water will cause limescale build-up inside your coffee machine; which leads to reduced heating efficiency, restriction of water flow and damage to internal parts.

OUR H₂OPTIMO WATER SOFTENERS ASSURE

- ▶ conservation of efficiency and extension of lifespan of coffee machine;
- ▶ elimination of downtime for maintenance;
- ▶ no need for chemicals for descaling.



Our H₂Optimo Series offers a **wide range of sizes and configurations**, so you will always find a suitable model for your specific application. From large automatic volume-controlled models, that are perfect to treat all the water that is used in your kitchen (**Point-Of-Entry**), to ultra-compact non-electric models, that are specifically developed to treat the water for one single appliance (**Point-Of-Use**).



All H₂Optimo water softeners are **suitable for use with water up to 65°C**. So it doesn't matter whether your equipment is operating on a cold or hot water supply, the H₂Optimo Series covers it all!

H₂OPTIMO: AVAILABLE IN THE FOLLOWING CONFIGURATIONS



- ▶ **Twister™**: non-electric controller, manually initiated regeneration



- ▶ **Chrono**: electro-mechanical controller, time-initiated regeneration



- ▶ **Eco**: electronic controller, volume-initiated regeneration

FEATURES & BENEFITS

- ▶ **Compact** (footprint of 28 x 44 cm)
- ▶ Suitable for **hot water**
- ▶ Integrated **non-return valves** on inlet & outlet
- ▶ Unrivalled **durability & reliability**
- ▶ Optional **wheel set** (on Micro & Mini configurations)



H₂OPTIMO: AVAILABLE IN THE FOLLOWING SIZES

Maxi 26 ltr



Midi 18 ltr



Mini 12 ltr



Micro 9 ltr



Memberships



Certifications



erie water treatment
a division of Aquion, Inc.

www.eriawatertreatment.com

H₂Optimo

TECHNICAL SPECIFICATIONS

Model	Twister™	Chrono	Eco
Operating pressure min/max (bar) ⁽¹⁾	1,4 / 5,0		
Operating temperature min/max (°C)	2 / 65		
Electrical connection (V/Hz)	N/A	230 / 50 ⁽²⁾	230 / 50 ⁽²⁾
Max. power consumption (VA)	N/A	1	4,7
Hydraulic connection inlet/outlet	¾" BSP Male		

⁽¹⁾ For cold water applications (max. 48°C) max. operating pressure is 8,3 bar.

⁽²⁾ Supplied with 24V transformer

PERFORMANCES⁽³⁾

Model	Twister™ / Chrono / Eco			
Resin	9	12	18	26
Nominal exchange capacity (m³x°f)	32	48	81	117
Nominal exchange capacity (m³x°d)	18	26	45	65
Salt usage per regeneration (kg)	1,1	1,5	2,3	3,3
Exchange capacity per kg salt (m³x°f)	28	32	36	36
Exchange capacity per kg salt (m³x°d)	16	18	20	20
Service flow rate @ 1 bar pressure drop (m³/hr)	1,6	1,6	1,5	1,4
Recommended maximum service flow (m³/hr) ⁽⁴⁾	0,9	1,2	1,8	2,6
Rinse water usage per regeneration (Ltr) ⁽⁵⁾	49	54	82	120

⁽³⁾ Indicative numbers, performances depending on operating conditions and water quality

⁽⁴⁾ Flow rate at which softening process is still executed adequately

⁽⁵⁾ For Chrono configuration add ±15 Ltr

DIMENSIONS & WEIGHTS

Model	Twister™ / Chrono / Eco			
Resin	9	12	18	26
Width (mm)	280			
Height (mm)	513	591	744	998
Height, including wheels (mm)	568	646		
Depth (mm)	438			
Depth, including bypass (mm)	540			
Height inlet/outlet (mm)	375	453	606	860
Height inlet/outlet, including bypass (mm)	381	459	612	866
Weight (kg)	15,5	20,0	26,5	36,0
Weight, including bypass (kg)	16,0	20,5	27,0	36,5
Maximum salt storage capacity (kg)	13,5	17	23	35

www.erie-h2optimo.com

