



מערכת
להפחתת כבנית
ושיפור איכות
המים IPS



IPS- Ion polarization System

המערכת פועלת בטכנולוגיה חדשנית הרשומה כפטנט:
TPG TURBULENT GALVANO POLARIZATION

עקרון פעולה

כתוצאה ממעבר מים דרך חורים קטנים במספר מתכות שונות במערכת מתרחשת מערבולת המייצרת מתח חשמלי, מתח זה משנה את מבנה המינרלים כך שאינם מסוגלים לייצר משקעים ואבנית למשך 72 שעות, אלא נשטפים עם המים כמו אבק. המערכת מפחיתה את היווצרות האבנית בכל חלקי מערכת הובלת המים כמו צנרת, שסתומים, ברזים ראשי טוש וגופי חימום בבית.

התוצאה הינה

-76%

**הפחתה
באבנית**



סרקו למידע לתקנים

סרקו למידע טכני

סרקו לעקרון הפעולה

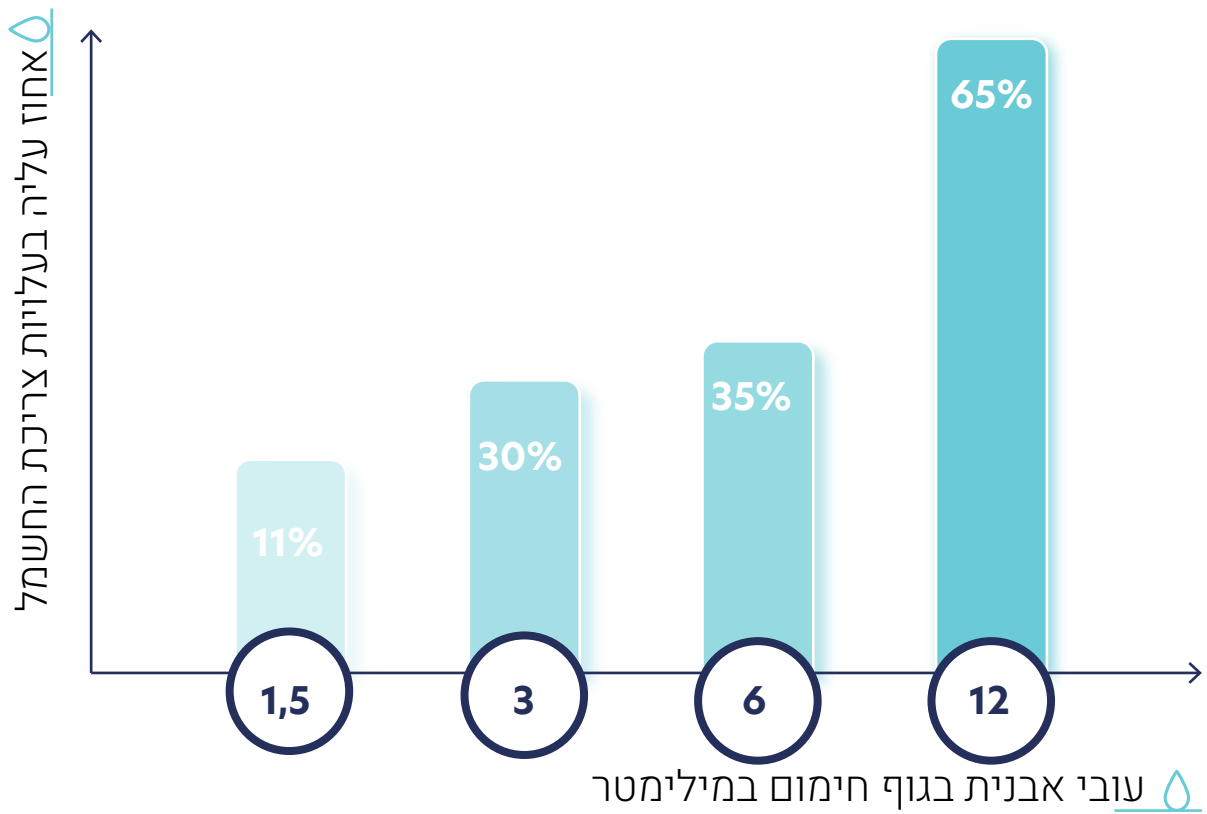




- + פועל ללא מקור מתח
- + אינו מצריך תחזוקה
- + התקנה חד פעמית ללא צורך בהחלפה
- + ללא מגנטים או חומרים כימיים כל שהם
- + מתאים לכל גוף חימום
- + לא מפחית לחץ מים
- + מתאים לכל סוג צנרת

- + קל מאד להתקנה
- + מאריך משמעותית את חיי גוף החימום
- + המערכת אינה מוסיפה או גורעת מהרכב המים, אלא משמרת את כל היתרונות הבריאותיים שבמים ומשפרת אותם.
- + יחד עם זאת מונעת באופן אפקטיבי את היווצרות האבנית והקורוזיה
- + הפחתת אבנית משפרת יעילות גוף החימום, חם יותר ומהר יותר וכן מורידה צריכת אנרגיה.







יתרונות



+ מתאים לשימור צנרת חדשה וגם לשיפור צנרת קיימת.
גדלים אפשריים

המערכת הכחולה

Blue Line Kalyxx

1/2", 3/4", 1"

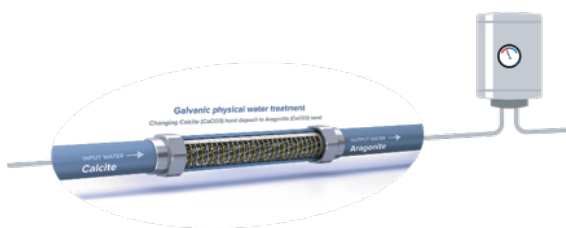
המערכת האדומה

Red Line Kalyxx

1/2", 3/4", 1"

NRL Certificate for direct permanent contact with drinking water
IAPMO Certificate of Lead Free Plumbing Product according to
NSF/ANSI 372 Reduces creation of Limescale- IAPMO certified
efficiency of 76%.

מאושר על ידי IAPMO לשימוש במי שתייה IPS

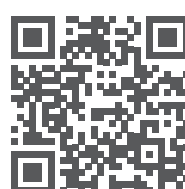


תמונה להמחשת התוצאה,
כניסת מים עם סידן פחמתי שעלול
להצטבר כאבנית עובר תהליך של שינוי
מבני ויוצא כסידן ארגוניט הנשטף עם
המים כאבק ואינו יכול לשקוע כאבנית.

סרקו למידע לתקנים

סרקו למידע טכני

סרקו לעקרון הפעולה





מערכות



ישנן שתי סוגי מערכות:

המערכת האדומה

מתאימה לגופי חימום, מונעת היווצרות אבנית ומפחיתה אבנית קיימת בגוף החימום

התוצאה הינה

-76%

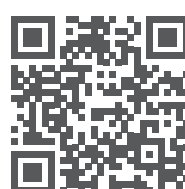
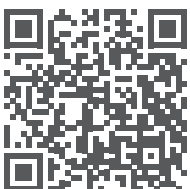
**הפחתה
באבנית**



סרקו למידע לתקנים

סרקו למידע טכני

סרקו לעקרון הפעולה





מערכות



המערכת הכחולה

מפחיתה אבנית, מומלצת להתקנה עבור מי שתיה, בעלת אפקט אנטי בקטריאלי, משפרת טעם וריח המים, מעלה את רמת ה-PH ומורידה את חומציות המים.

התוצאה הינה

-76%

**הפחתה
באבנית**



סרקו למידע לתקנים

סרקו למידע טכני

סרקו לעקרון הפעולה





איטורים



TEST REPORT

5001 East Philadelphia Street
Ontario, California – USA 91761-2816
Ph: 909.472.4100 | Fax: 909.472.4243
<http://www.iapmorfl.org>

Report Number: 2475-17001

Report Issued: September 29, 2017 **Project No.:** 28587

Client: Swiss Aqua Technologies SK s.r.o.,
Obereggerstrasse 50,
Berneck, Switzerland, CH-9442 **Contact:** František Pancurák

Source of Samples: The sample was supplied by the manufacturer, and the testing was witnessed by and IAPMO lab personnel, Robert Schut, at the manufacturer's laboratory.

Date of Testing: August 29, 2017 to September 14, 2017.

Test location: Šebastovska 2, 080 06 Prešov, Slovakia.

Sample Description: IPS Sirius water softener.
Model No.: IPS Kalyxx.

Scope of Testing: The purpose of the testing is to determine if the tested sample of the water softener, IPS Kalyxx, reduces the limescale deposit on the surfaces of heating elements of water heaters per Test Protocol by Swiss Aqua Technologies SK s r.o.

Conclusion: See results

Tested by,

Robert Schut, Project Specialist

Reviewed by,

Sean Vuu, P.E., Manager, Specialty Projects

All testing and sample preparation for this report was performed under the continuous, direct supervision of IAPMO R&T Lab, unless otherwise stated. The observations, test results and conclusions in this report apply only to the specific samples tested and are not indicative of the quality or performance of similar or identical products. Only the Client shown above is authorized to copy or distribute the report, and then only in its entirety. Any use of the IAPMO R&T Lab name for the sale or advertisement of the tested material, product or service must first be approved in writing by IAPMO R&T Lab.



איטורים

IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 – USA • 909-472-4100 • 909-472-4244 • www.iapmort.org



CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at pld.iapmo.org

Effective Date: September 2018 –Rev. 9/25/2018– Void After: September 2019

Product: Lead Free Plumbing Products File No. 11239

Issued To: Swiss Aqua Technologies Sk S.r.o.
Sebastovska 2
080 06
Gps 48,97283n; 21,25092e
Presov,
Slovakia

Identification: Each product shall bear permanent and legible markings to identify the manufacturer. This marking shall be the trade name, trademark, or other mark known to identify the manufacturer. The product shall bear the appropriate IAPMO R&T certification mark. The product may also bear either "Lead Free" or "Low Lead" above or in close proximity to the IAPMO R&T certification mark.

Characteristics: Products may include any pipe, pipe fitting, solder, flux, or other plumbing products providing water for human consumption. Products listed below are to be installed in accordance with the manufacturer's instruction. These products have been verified with weighted average lead content $\leq 0.25\%$; Solder and flux lead content $\leq 0.2\%$.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.


Chairman, Product Certification Committee


CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.



CONTINUOUS COMPLIANCE INSPECTION REPORT AND SIGNATURE SHEET

Listee: SWISS AQUA TECHNOLOGIES SK S.R.O.
 Mfr. (if different): SWISS AQUA TECHNOLOGIES SK S.R
 Mfr. Address: SEBASTOVSKA 2, 080 06

Inspection Date: 2019-05-29
 Plant Contact: Frank PANCURAK

City: PRESOV, Slovakia State: Zip: Country: SVK
 Phone: +421 910 886 882 Fax: Email: fpancurak@swatec.ch

ISO 9000 Certified?: Yes No If Yes, Name of Registrar
 Plant Hours: 9:00am -4:00pm M-F. Closed last 2 wks in Dec. and 1st wk in Jan. Closed National and local holidays.
 Warehouse where listed products are shipped: none
 Files Inspected: 11239 - 1/2
 Inspection Type: Regular
 Additional Listing(s) Inspected:

Inspection Summary: All Satisfactory

Items Inspected:

| | |
|--|------------------------|
| <input checked="" type="checkbox"/> Plan Information Sheet Reviewed By Plan Contact | Acceptable |
| <input checked="" type="checkbox"/> Review Certificate of Listing for correctness | Satisfactory |
| <input checked="" type="checkbox"/> Current version of standard on site | Satisfactory |
| <input checked="" type="checkbox"/> Examine product marking according to their listing | Satisfactory |
| <input checked="" type="checkbox"/> Assess use of IAPMO R & T Certification Marks | Satisfactory |
| <input checked="" type="checkbox"/> Check Calibration records randomly for equipment used for in plant testing | Satisfactory, see note |
| <input checked="" type="checkbox"/> Verify that finished products are inspected or tested on a regular basis by manufacturer | Satisfactory |
| <input checked="" type="checkbox"/> Verify method of segregating non-conforming products | Satisfactory |
| <input checked="" type="checkbox"/> Conduct dimensional in-plant verification where applicable | Not Applicable |
| <input checked="" type="checkbox"/> Review literature | Not Applicable |
| <input checked="" type="checkbox"/> Review complaint records | Satisfactory, see note |
| <input checked="" type="checkbox"/> Review calibration records for equipment used in the production of listed products | Satisfactory, see note |
| <input checked="" type="checkbox"/> Review quality manual system records and practices | Satisfactory, see note |
| <input checked="" type="checkbox"/> Review the effectiveness of corrective action on non-conformances found at previous inspection | Satisfactory |
| <input checked="" type="checkbox"/> Review of raw material, component, and ingredient suppliers against Finalized Formulation List (FFL) | Not Applicable |
| <input checked="" type="checkbox"/> Verify components shown on the FFL are based on the listed product | Not Applicable |
| <input checked="" type="checkbox"/> When samples have been selected for testing to NSF/ANSI 61, please verify FFL has been shipped with sample | Not Applicable |
| <input checked="" type="checkbox"/> Review of blending sheets | Not Applicable |
| <input checked="" type="checkbox"/> Other: 6/28/18 Each year select 10% of the listed product families for retesting. For each selected family select one model for retesting. One unit of each model is to be sent to the lab and one is to remain on site for backup. AH | Not Applicable |
| <input checked="" type="checkbox"/> Select Product for Testing at Random | Not applicable |



איטורים

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IAPMO R&T Product Listing

This IAPMO R&T Listing is current as of 3/21/2019

Product: Lead Free Plumbing Products File No. 11239

Issued To: SWISS AQUA TECHNOLOGIES SK S.R.O.
SEBASTOVSKA 2
080 06
GPS 48,97283N; 21,25092E
PRESOV,
Slovakia

Identification: Each product shall bear permanent and legible markings to identify the manufacturer. This marking shall be the trade name, trademark, or other mark known to identify the manufacturer. The product shall bear the appropriate IAPMO R&T certification mark. The product may also bear either "Lead Free" or "Low Lead" above or in close proximity to the IAPMO R&T certification mark.

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Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following standard(s):

Section 1417(d) of the Safe Drinking Water Act The lead content requirements of Section 116875 of the California Health & Safety Code NSF/ANSI 372-2016

MODELS:

Model No.
IPS Kalyxx / ScaleRX



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MODELS:

Model No.
IPS Kalyxx / ScaleRX



www.waterfront.co.il

נייד 052-6112949

כתובת הרדוף הנחלים 7, קיסריה

חפשו אותנו
waterfront20@