



Swiss  
Aqua  
Technologies



KK Impex



IonPolarization  
System



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System

## Hard water affects your Health and Home

Hard water contains calcium, magnesium, salt and other impurities which have the tendency of scaling on surfaces. This contaminated water is harmful to the hair, skin and the home appliances while you're daily in contact with this polluted water.



### Causes dry & irritated skin

Hard water minerals are attracted to the skin & hair. Blocked pores disrupt the skin's natural oil, which strips moisture from the skin, resulting in dry & irritated skin.



### Causes dry, thin & damaged hair

Washing your hair with hard water can result in straw-like, dry and thin hair. It also causes colour to fade more quickly, hair breakage and hair loss.



### Mineral residue

Hard water leaves mineral residue in everything it comes in contact with which may include your sink, bathtub, dishes, faucets and even your skin.



### Higher energy bills

Hard and dirty water reduces the efficiency of your appliances and may cause them to damage early and also increase the maintenance cost.

## What Ion Polarization System Does?

- ▶ Change hard calcite to soft aragonite.
- ▶ Reduce the need to de-scale tankless heaters, mixers, showers.
- ▶ Doesn't restrict household water pressure.
- ▶ Connects directly to copper, CPVC or PVC pipe.
- ▶ Adapts easily for PEX and other pipe types.
- ▶ Environmentally, friendly and chemical free.
- ▶ No electricity required.
- ▶ Easy-to-install and maintenance-free.
- ▶ Extends the life and efficiency of new and existing water heaters, mixers, showers.
- ▶ Certified for long-term contact with drinking water.

**IPS (Ion Polarization System) is designed for the physical-galvanic water treatment for households, public buildings and industrial plants.**





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## IPS KalyxX RedLine



### Specification

- ▶ Reduces creation of Limescale on water supply elements (pipework, valves, taps, shower heads, waterheating coils of home appliances) – efficiency of 76%.
- ▶ New Patented technology TGP – Turbulent Galvanic Polarisation – NO CHEMICALS, NO EXTERNAL ENERGY
- ▶ Suitable for COLD (drinking) and HOT water
  - ▶ NRL Certificate for direct permanent contact with drinking water
- ▶ Health safety product – each part of IPS is made from material suitable for contact with drinking water
  - ▶ Safe product – Verified Hydraulic properties
  - ▶ TUS test report about Pressure drop, Pressure resistance and Strength
- ▶ Durable body (Stainless steel 1.4301) and internal parts – 2 years warranty, works at least 10 year without any maintenance





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## IPS KalyxX BlueLine



### Specification

- ▶ Reduces creation of Limescale on water supply elements (pipework, valves, taps, shower heads, waterheating coils of home appliances) – efficiency of 76%.
- ▶ Reduces the amount of Escheria Coli Bacteria up to 40%.
- ▶ New Patented technology TGP – Turbulent Galvanic Polarisation – NO CHEMICALS, NO EXTERNAL ENERGY.
- ▶ Suitable for COLD (drinking) water
  - ▶ NRL Certificate for direct permanent contact with drinking water.
- ▶ Health safety product – each part of IPS is made from material suitable for contact with drinking water.
- ▶ Safe product – Verified Hydraulic properties
  - ▶ TUS test report about Pressure drop, Pressure resistance and Strength.
- ▶ Durable body (Stainless steel 1.4301) and internal parts – 2 year warranty, works well at least 10 years





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## IPS KalyxX GreenLine



### Specification

- ▶ Supports Agriculture by faster seed germination and plant growth.
- ▶ Reduces scale formation in irrigation systems and water distribution – efficiency up to 76%.
- ▶ Reduces traces of dried minerals after washing cars or other equipment.
- ▶ New patented TGP technology – Turbulent galvanic polarization.
- ▶ NO CHEMICALS, NO EXTERNAL ENERGY.
- ▶ Safe product – proven hydraulic properties.
- ▶ Specifically designed with the 'hose out let component to use conveniently.
- ▶ Protocol TUS on pressure drop, pressure resistance and strength.
- ▶ Durable body (stainless steel 1.4301) and internal components.
- ▶ 2-year warranty, life time for at least 10 years.
- ▶ No maintenance or filter replacement required.
- ▶ Designed for garden irrigation systems and water distribution.
- ▶ Suitable for gardens, public parks, football turf, golf courses, hydroponics, growing fruits and vegetables, watering animals.

Efficiency  
Up to  
**76%**





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## IPS Industry



### Specification

The use of IPS Industry is effective and suitable in any running water plant. Washing lines, restaurants, canteens, bakeries, laundries, hairdressers, dry cleaners, swimming pools, dairies, breweries, distilleries, gardening, irrigation systems and much more. It also works reliably in heat exchangers, water systems, boilers, condensers, generators, heating systems, compressor rooms, refrigeration and air conditioning equipment.

- ▶ Solution for apartment buildings and buildings with higher hourly flow.
- ▶ Suitable for direct water-to-water heat pump circuit with high output, for stabilization of wastewater purifier at values guaranteed by the producer.
- ▶ Installation at the entrance to the building.
- ▶ Cold water supply pipes for central heating at transfer stations and boiler rooms.
- ▶ Prevent clogging of plate heat exchangers and stabilize specific heat demand for hot water.
- ▶ Stabilization of point corrosion of storage heaters.







## IonPolarization System

### RedLine



#### Size

1/2"

3/4"

1"

1 1/4"

1 1/2"

### BlueLine



#### Size

1/2"

3/4"

1"

1 1/4"

1 1/2"

### GreenLine



#### Size

1/2"

3/4"

1"

### IPS Industry



#### Size

DN 40 - 6/4"

DN 60 - 2"


### DISTRIBUTOR:


### IMPORTED & MARKETING BY: KK IMPEX

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