



## The professionals' choice.

Soft water – worth its weight in money.



- ✓ EN 973 type A
- ✓ EN 14805 type 1
- ✓ Codex Alimentarius
- ✓ NF standard

## AXAL® Pro Salt Tablets

# The many benefits of soft water

Soft water is not only of great importance at home: It is also essential for many commercial and industrial applications.

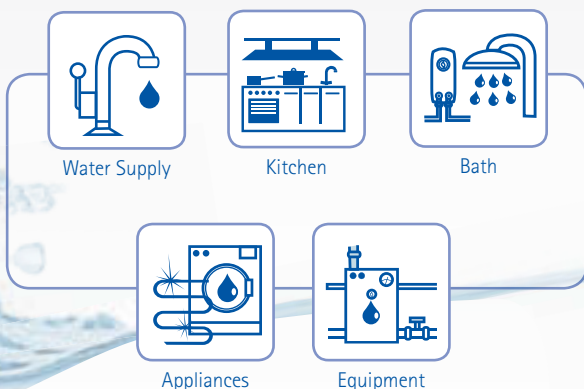
In order to prevent the damage associated with hard water, soft water is used in a number of applications, such as

- cleaning systems,
- the manufacture of pharmaceuticals and cosmetics,
- laundries and hospitals and
- restaurants and hotels.

### The benefits include

- less limescale build-up,
- fewer system failures,
- reduced energy consumption along with increased efficiency and
- reduced consumption of laundry detergents and cleaning agents along with improved time-efficiency in cleaning.

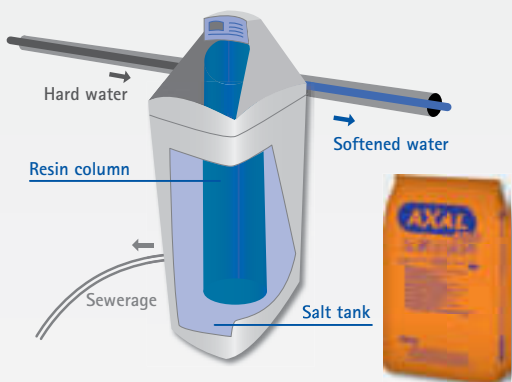
**Soft water reduces costs, increases comfort, quality of life and protects the environment.**



## AXAL® Pro Salt Tablets

# The best solution for soft water

The simplest, most reliable and most widely used method for producing soft water is through ion exchange water softening.



These water softeners are technologically advanced devices whose active component consists of an ion exchange resin for producing soft water. The ion exchange resins replace the "hardness ions" (calcium and magnesium) in the water with sodium ions. Once the resins become saturated with calcium and magnesium ions they lose their effectiveness.

The ion exchange resin is regenerated by flushing it with a sodium chloride solution. This solution is produced by dissolving AXAL® Pro Salt Tablets in water. The exchange process is reversed, and the ion exchange resin is recharged with sodium ions. This process is known as "regeneration".



## Reliability for your water softening system

Breakdowns in water softening systems are expensive. Thanks to their ideal properties the AXAL® Pro Salt Tablets developed by esco ensure the trouble-free operation of your ion exchange system. AXAL® Pro Salt Tablets exceed the requirements placed on regeneration salts by the European standard EN 973 type A:

### ■ PURITY –

**high regeneration efficiency and a long service life**

AXAL® Pro Salt Tablets are made from high purity vacuum salt with a sodium chloride content of at least 99.9 %.

### ■ SOLUBILITY –

**no residues in the brine tank**

With their high purity and solubility AXAL® Pro Salt Tablets prevent the occurrence of many common problems, such as blockages in valves and ion exchange resins, and maximize the ion exchange capacity of the resins.

**Content of water insoluble matter:** less than 0.010 %

### ■ FORM –

**no salt clumping in the brine tank**

Owing to their special form and surface AXAL® Pro Salt Tablets are able to quickly produce a saturated brine solution and guarantee the required circulation of solution water.

**Patented form optimises solubility.**

### ■ STABILITY –

**no salt sediment on the floor of the brine tank**

AXAL® Pro Salt Tablets are compressed into tablet form using consistent moulding pressure, ensuring that the tablets dissolve in a controlled manner.



## ■ AXAL® Pro tip

Softened water is synonymous with high quality of life. This is why it is so important to use AXAL® Pro Salt Tablets to enjoy the benefits of soft water.

### **Our recommendation:**

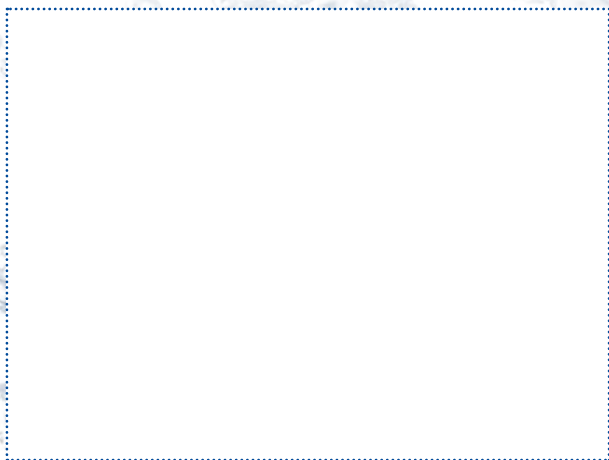
To maximize the service life of your water softening system be sure to have it serviced by a technician at least once a year.



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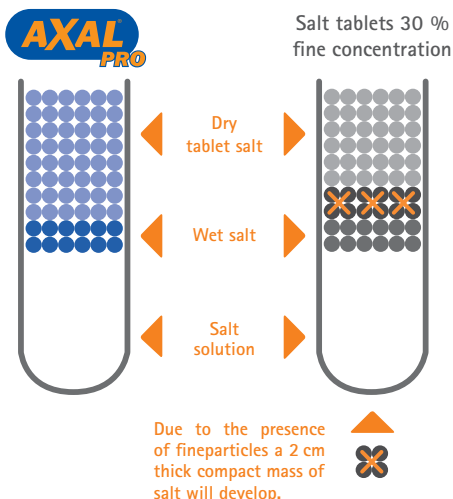
## AXAL® Pro Salt Tablets

### ■ Top quality water

AXAL® Pro Salt Tablets are made from food-grade salt and conform to the European standard EN 973 type A, EN 14805 type 1, the Codex Alimentarius and the NF standard, offering optimal conditions for soft water.

### ■ The professionals' choice

In the case of long intervals between regeneration cycles, moisture from the salt solution may penetrate through to the tablets above. This can lead to the formation of a salt sludge that obstructs the circulation of the salt solution. The presence of fine particles in the salt container severs this phenomenon.



**AXAL® Pro Salt Tablets, which contain no fine particles, guarantee an optimal circulation of the salt solution.**