

UniSoft® 4 - 6 - 12 Softening Filters



Guldager's water treatment begins with UniSoft

Softened water, where lime and magnesium salts are retained, is a necessity for professional dishwashing in large-scale kitchens and for industrial water in the industry, central heating installations etc.

UniSoft softening filters utilise ion exchange to remove all lime and magnesium salts. This means that you avoid a greyish coating on the inside-surface of the dishwasher and damage on the heating elements etc. In the industry UniSoft prevents blocking of nozzles and energy-intensive coatings on heating elements.

The components in UniSoft have been well-tested through many years, in large-scale kitchens as well as in the industry. The cabinets are designed by one of Scandinavian's most approved design companies and adapted to meet the requirements in a modern large-scale kitchen in regard to aesthetics, and a cleaning-friendly surface. All plants are built of corrosion resistant materials and mounted on wheels. The cabinets are embedded in plastics with a cleaning-friendly surface, and are easily installed. The water and salt consumption is low.

If your water has a high content of mineral salts, it might be necessary to polish glasses and cutlery after dishwashing. Or we can recommend installing one of our UniSoft AK decarbonisation or UniRo Reverse Osmosis plants.

The plants are approved in Denmark (VA approval) and in Europe (CE approval).

Function

Guldager's UniSoft filters are controlled by a timer and regenerates with salt at a pre-set and optional time. While the plants are regenerating automatically (typical during the night) softened water will not be produced.

The UniSoft plants are available in three sizes from the lowest consumption up to 1,600 l per day, and equipped with a reliable automatics.

Application

- Professional dishwashing
- Humidification plants
- Boiler water and steam production
- District heating systems
- Textile washing machines
- Convection ovens
- Other processed where lime causes problems

Guldager's Service System

Guldager's service system has been developed through 60 years. It contains all softening, decarbonisation and reverse osmosis plants.

Type	UniSoft® 4	UniSoft® 6	UniSoft® 12
Capacity at 3,56 mmol/l (20 °dH), l	400	600	1200
Flow rate, max. l/minute	15	20	30
Pressure drop, at max. flow rate, bar	0,8	0,7	1,1
Regeneration time, minutes	30	30	30
Temperatur, maks., °C	65	65	65
Water pressure, min. kg/cm ³	2	2	2
Water pressure, max. kg/cm ³	6	6	7
Pipe connection	¾"	¾"	¾"
Electrical connection, V/Hz	230/50	230/50	230/50
Height, mm	563	563	731
Width, mm	220	220	320
Depth, mm	400	400	530