



Superior water purification

Extend the lifetime of your oven using HydroShield water filters. You prevent calcification and reduce wear caused by water hardness.

Your Invoq oven monitors the consumption and will notify you when to replace the filter, so you can get full use of the filter and never miss a cartridge renewal.

Carbon filtered water

Protect your oven from harmful effects of scale and other minerals by ensuring the appropriate water quality. HydroShield removes both carbonate hardness and total hardness preventing residue build-up, which causes corrosion and damage to the stainless steel in your oven.

The filtration process removes particles, and the active coal within removes odours, flavours, sulphates and chlorine. Filter the water and create optimal conditions for your Invoq oven.

HydroShields are specifically developed for Invoq ovens and approved for food preparation according to HACCP directives.



Size L recommended for hardness dH 3-6.



Size XL recommended for hardness dH 6-30.



Clear benefits of clear water

- Pure steam for the very best cooking and baking results.
- Less maintenance due to scale control.
- Better cleaning results with less use of chemicals, saving you costs.
- Clean and shiny oven cavity and clear view through glass door.
- Reliable everyday operation and high productivity without interruptions.
- Longer lifetime for your oven.

Temperature

- At temperatures up to 60°C, calcium carbonate residue builds up (carbonated hardness); this is removed by most types of filters.
- At temperatures above 100°C, calcium sulphate scale builds up (total hardness), which is permanent and cannot be removed by descaling.

Water quality

- The water coming into the oven must have a maximum total hardness of 3 dH. There should be no chlorine in the water.
- Water with a pH value less than 7 must be prevented, as the acidity will cause corrosion to the oven. Typically, reverse osmosis water is acidic at pH 6.
- Any chloride must be less than 100 mg/l and even this requires regular cleaning to avoid residues and chloride buildup.

Total hardness test

Capacity in liter		
	HydroShield L	HydroShield XL
dH		
0-3	11.966	20.000
4-6	5.980	10.000
7-13	2.420	4.615
14-20	1.570	3.000
21-25	1.175	2.400

HydroShield technology

- Five-level filtration for consistent and optimal water quality.
- Practical and compact for flexible installation (vertical or horizontal).
- Userfriendly connection through the oven's controller.
- Water consumption monitoring
- User guidance for timely change of the filter.
- Quick and easy filter change.
- Automatic closing valve during filter change.
- Hygiene cap on filter upon delivery.

One solution for all

HydroShield water filters ensure that the water entering your oven lives up to the above requirements and prevents harmful scale buildup from both carbonated and total hardness.

HydroShield: Your reliable water filtration

You can purchase new HydroShield filters and accessories online at www.houno.com or at your local Invoq dealer.

No need for technical assistance - you can easily replace the filters yourself.

