



Description of CO₂-Neutral ISPA Water Filter FS200

USER MANUAL

This ISPA FS200 water filter cleans contaminated pre-filtered fresh water transforming it into clean drinking water in a short period of time.

The cleaning process takes place by the water passing through a series of treatment processes in terms of filters and activated carbon being UV treated by the sun through the hardened glass.

The ISPA water filter is developed, designed and produced in Denmark. The ISPA water filter complies with described Danish safety provisions.

INPROPER USE MAY CAUSE DAMAGE TO PERSONS AND PROPERTY

The specifications in this manual may change without notice.

In order to avoid damage to persons and/or device please read this manual carefully before putting the FS200 into operation.

We recommend you keep the manual for future use.

Warning and Safety Instructions

The FS200 is only supposed to be used for purification of contaminated fresh water. The manufacturer is not responsible for errors arising from wrong handling or because the device was used for other purposes than specified.

In order to avoid accidents and injuries please pay attention to the following:

- The FS200 cannot work properly when placed flat on the ground. It must be installed, for instance on the side of a wall, in a somehow upwards position with respect to catching the rays of the sun in the most efficient way .
- FS200 must be installed outside facing the sun on a firm level surface. Preferable on a wall or individual grid

- Distance vertical from reservoir to water intake must be some 70 cms to ensure required water pressure for the cleaning process. Max 70 cm is essential as the water needs a certain time processing the activated charcoal and Uvlight from sun inside the core
- The FS200 may only be sold and maintained through authorized dealers and technicians.
- Avoid that people who are not qualified (have read this manual) operate the device.

Accessories for FS200

Only use external filters and/or fittings recommended by ISPA.

By Receipt of FS200

Check device for obvious damage before installation. An obviously damaged device shall never be used.

USE OF THE FS200

Installation:

Check that all packaging material around the device is removed. Place the FS200 on a solid surface or install it on a wall. Connect the hose with dirty water from reservoir to intake and put a container under the hose with clean water from the outtake.

Preparation for use:

When installing a new FS200 it is required to let the water run for minimum 1 hour in order to ensure a fresh flow of fresh clean water. When FS200 has been idle for a week or more please repeat this procedure for 10-15 min.

Always connect the hose with dirty fresh water to the STAGE 1 filter and to place a container for clean drinking water under STAGE 2 filter

Always stop flow by STAGE 1 filter

MAINTENANCE – INSTALLATION – TRANSPORT

Preventive Maintenance.

The FS200 will work satisfactory when the following preventive procedures are followed:

- FS200 may only use activated carbonated charcoal delivered from the distributor. Please contact bn@ispa.dk
- To ensure quality and efficiency of cleaning process please replace activated coal every 3 years.
- FS200 micron filters to be replaced every 3 months or when necessary. Please from bn@ispa.dk. FS200 is delivered with 1 set of replacement filters for continuous drinking water flow for 6 months.
- You replace micron filters by gently placing the FS200 in horizontal position with the front down. You then gently unscrew the filters and replace them with new ones.
- External cleaning of FS200 is done weekly by using a brush or damp cloth. No chemicals shall be used.
- So-called BACKWASHING is to take place every week / 7 days or when necessary. The backwashing process is when you let clean water run into FS200 reversely from the normal process, meaning you let clean water run into the outtake and out through the intake. In case of doubts related to this please ask ISPA or distributor for advice!

Transport:

FS200 must be protected against shock, moisture and frost during transportation. Damaged packages must be opened in the presence of staff from the delivery company which on the consignment note must witness the damage. Only photos will be accepted as evidence.

When transporting the device after having put into service, please empty the device for water before transport. This is done by turning the device upside down for minimum one hour after disconnection of the water. Device may be moved around without emptying for water as long as you keep it in vertical position.

TECHNICAL DATA

Dimensions:	Width	500 mm
	Depth	85 mm
	Height	400 mm

Weight: 18 kilo

Maintenance and Repairs

Maintenance and replacement of parts and repairs must be performed only by qualified technical personnel. ISPA signs a service contract that covers maintenance and repairs with local distributors in order to ensure a continuous and optimum service of the device.

Questions about the product can always be addressed to Director of Production, Bent Nyholm bn@ispa.dk or phone +45 22 81 74 16.