



100% CLEAN WATER AT YOUR FAUCET

AQUAEOZ plus

TECHNICAL DATASHEET

EOZ • Research and Development of water technologies • La Paz, Baja California Sur, Mexico

Innovation on water filtration at your sink!

Hollow fiber membrane filtration, coconut charcoal and zeolite filter

AquaEOZ® is a water filter for your kitchen sink adapted for household and restaurant use. Water is filtered first through a 200 micron mesh to eliminate particles and suspended solids, secondly a coconut charcoal plus zeolite filtering media to reduce chlorine/bleach taste as well as volatile organic chemical such as pesticides and heavy metals in low quantity such as lead and fluoride; finally water is filtered through the hollow fibers at 0.1 micron nominal porosity which removes 100% bacteria certified at independent lab ABC Analitic and with certification NOM-244-SSA1-2008 by COFEPRIS. Water flows at a flowrate of 2 to 4 liters per minute depending on the water pressure in the household. Rated life is 100,000 liters for the filter cartridge, which is equivalent to 1-2 years of use in a regular kitchen.



Zeolite + Coconut charcoal

Hollow fibers 0.1 micron



Technical specifications

- Step 1 filtration200 micron nylon mesh
- Step 2 filtration.....Coconut charcoal and zeolite
- Step 3 filtration.....Hollow fiber microfiltration
- AquaEOZ nominal porosity..... 0.1 micron
- Rated Life Filter Cartridge100,000 liters or 1-2 years*
- *Depending on the water pressure in the household.
- Min-Max Pressure 10-40 psi

Note: In case water has turbidity above 5 NTU it is necessary to install a sediment filter before the AquaEOZ.



INSTALATION

The filter gets mounted on the faucet following these steps:



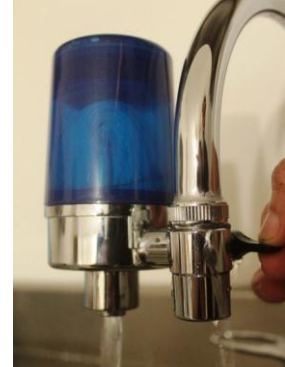
1. Remove tip/aerator



2. Verify the flat gasket is in place in the filter



3. Thread the AquaEOZ with a towel to help turn the thread sufficiently to avoid leaks.



4. Use the Little black valve to direct water to filter or to regular faucet

EFFICIENCY TESTING OF AQUAEQZ FILTER AT INDEPENDENT LABORATORY ABC ANALITIC

→ Shows 100% removal of bacteria from 0 to 10,000 liter test.



F-IP1R1-2F

LABORATORIO FERMI, S.A. DE C.V.

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INFORME DE PRUEBAS

No. DE ORDEN: 436306	No. DE LABORATORIO: 436306-1	FOLIO: 875075	FECHA DE EMISION: 03/12/15
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DATOS GENERALES DEL CLIENTE

CLIENTE:	EQZ S.A. DE C.V. (24639)
DIRECCION:	CALLE 5 DE MAYO - 435 CENTRO LA PAZ, LA PAZ BAJA CALIFORNIA SUR , 23000
CONTACTO:	Atr: GABRIELA LOPEZ DIAZ

DATOS DE LA TOMA DE MUESTRA

IDENTIFICACION DE LA MUESTRA:	AQUA EQZ FILTRO PARA GRUPO.
FECHA Y HORA DE MUESTREO:	22 de Septiembre del 2015 17:00
MUESTREADO POR:	LABORATORIO FERMI
MUESTREADOR:	JOSE LUIS CRDOÑEZ M.
MATRIZ:	Ver Observaciones de Recepción de Muestras

OBSERVACIONES DE MUESTREO:

NINGUNA

DATOS DE RECEPCION DE LA MUESTRA

FECHA Y HORA:	23 de Septiembre del 2015 17:25
NO. DE ENVASES:	1
PRESERVACION ADECUADA:	NA

OBSERVACIONES DE RECEPCION DE LA MUESTRA:

PRODUCTO: AQUA EQZ FILTRO PARA GRUPO.
TIPO DE EMPAQUE: CAJA DE CARTON
CANTIDAD: 1 PZA.
SE RECIBE MUESTRA EN EMPAQUE CERRADO.
MATRIZ DE LA MUESTRA: FILTRO

Una vez terminado de evaluar el equipo para la Remoción Bacteriana inicial, se alimentó continuamente con 10038,3 litros de agua de la red municipal, de acuerdo a lo indicado en su manual de operación; inmediatamente se realizó prueba de Reducción Bacteriana, con los siguientes resultados:

Marca: Eoz S.A. de C.V.
Modelo: AquaEoz
Fecha: 27/11/2015
Prueba: Reducción Bacteriana (Vida Útil después de 10000 litros)

BACTERIAS MESOFÍLICAS AEROBIAS (Agar Cta. Std a 35°C / 48h)

PROMEDIO DE MUESTRAS ANTES DE TRATAMIENTO, ENVASES 1, 2 Y 3	6700 UFC/mL
PROMEDIO DE MUESTRAS DESPUES DE TRATAMIENTO, ENVASES 4, 5 Y 6	<1 UFC/mL
REDUCCIÓN BACTERIANA MESOFÍLICAS AEROBIAS	100 %

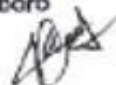
De acuerdo a lo indicado en la norma, este valor de reducción de Mesofílicos aerobios es MAYOR al 95%, por lo que SI CUMPLE para la prueba final.

COLIFORMES TOTALES

PROMEDIO DE MUESTRAS ANTES DE TRATAMIENTO, ENVASES 1, 2 Y 3	6700 NMP/100mL
PROMEDIO DE MUESTRAS DESPUES DE TRATAMIENTO, ENVASES 4, 5 Y 6	<1,8 NMP/100mL
REDUCCIÓN BACTERIANA MESOFÍLICAS AEROBIAS	100 %

De acuerdo a lo indicado en la norma, este valor de reducción de Coliformes Totales es mayor al 99.99%, por lo que SI CUMPLE para la prueba final.

Elaboró



QFB Alfredo Almanza González
LUA Bacteriología

Autorizó



QA Lizbeth Fuentes Rangel
Gerente de Operaciones – FERMI –
ABC ANALITIC



100% CLEAN WATER

AQUAEOZ

1. GUIDELINES FOR USE AND RESTRICTIONS:

AquaEOZ Filter cannot be used with water of high turbidity. If your water has turbidity above 5NTU, you will require a sediment filter, please contact us.

2. FIRST USE:

Let water flow when first installing it for at least a few minutes and let it rest for a full day before starting to drink it to completely eliminate the "new filter" taste.

3. CARTRIDGE REPLACEMENT: (when you observe the flow of water diminishes at the filter outlet, after 1-2-3 years of use depending on each household specific turbidity and water contamination, it is time to replace your filter cartridge)

Step 1: Unthread the cover (with a towel) and remove the cartridge



Step 2: Insert the new cartridge in the base BE CAREFUL to align the recessed hole in the filter cap with the nut/bolt in the base, otherwise the filter will leak. Place the filter cover and tighten it.

These two need to be aligned when placing the new cartridge

