

Ninja HydraSense™ WF 100X Filter Performance Data Sheet

For System Model Numbers: WF 100X* and Replacement Filter Model: XSKWATFILXXX**

X* Means: Any double digits and/or letters for different colored body alternatives. Eg, WF 1001BK; WF1005CO, etc.

XXX** Means: Any numbers and letters for different numbers of filter packs. Eg, XSKWATFILSUS (1 pack brown box); XSKWATFIL1UP (1 pack color box); XSKWATFIL2PK (2 pack brown box), etc.

Operating Parameters:

Temperature: 41°F (5°C) - 100°F (38°C)

Working Pressure: min: 4.5 psi (31kPa) to max: 15.2 psi (105kPa)

Rated Service Flow: 5 GPD

Capacity: 120 gallons

Replacement Filter: XSKWATFILXXX

This system has been tested according to NSF/ANSI 42, 53, 401 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in these NSF/ANSI standards. While testing was performed under standard laboratory conditions, actual performance may vary.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Substances	HydraSense™ Reduction Data & NSF/ANSI Standard Requirements		
	Overall Percent Reduction (120 G)	Influent Challenge Concentration	U.S. EPA Level/ NSF Maximum Permissible Product Water Concentration / % Reduction Requirement
NSF/ANSI Standard 42 – Aesthetic Effects			
Chlorine	>97.5%	2.0±0.2 ppm	50%*
Particulate Reduction (Class I)	99.5%	>10000 particles/mL	85%*
Chloramine	95.36%	3.0 ± 0.3 ppm	80%*
NSF/ANSI Standard 53 – Health Effects			
Lead pH 6.5	99.33%	150±15 ppb	5 ppb
Lead pH 8.5	99.35%	150±15 ppb	5 ppb
Mercury pH 6.5	91.67%	6±0.6 ppb	2 ppb
Mercury pH 8.5	91.50%	6±0.6 ppb	2 ppb
Cadmium pH 6.5	96.69%	30±3 ppb	5 ppb
Cadmium pH 8.5	96.71%	30±3 ppb	5 ppb
MTBE	86.39%	15±3 ppb	5 ppb
Asbestos	99.99%	1 x 10 ⁷ to 1 x 10 ⁸ Fibers/L	99%*

Turbidity	96.99%	11±1 NTU	0.5 NTU
Toxaphene	93.15%	15±3 ppb	3 ppb
Chlordane	97.46%	40±4 ppb	2 ppb
NSF/ANSI Standard 53 Total PFAS [Influent includes PFOA, PFOS, PFNA, PFHxS, PFHpA, PFDA, PFBS]			
Total PFAS**	99.72%	2160 ± 432 ppt	20 ppt
NSF/ANSI Standard 53 - Health Effects Volatile Organic Chemicals (VOCs) Included by Surrogate Testing			
VOC (Chloroform as surrogate) ***	99.81%	300±30 ppb	95%*
NSF/ANSI Standard 401 Emerging Compounds Including Pharmaceuticals			
Atenolol	97.36%	200±40 ppt	30 ppt
Carbamazepine	98.31%	1400±280 ppt	200 ppt
Estrone	97.61%	140±28 ppt	20 ppt
Ibuprofen	97.46%	400±80 ppt	60 ppt
Meprobamate	96.23%	400±80 ppt	60 ppt
Naproxen	99.28%	140±28 ppt	20 ppt
Phenytoin	98.55%	200±40 ppt	30 ppt
Trimethoprim	98.84%	140 ± 28 ppt	20 ppt
Bisphenol A	99.35%	2000±400 ppt	300 ppt
DEET (Diethyltoluamide)	98.20%	1400±280 ppt	200 ppt
Linuron	99.27%	140±28 ppt	20 ppt
Metolachlor	97.63%	1400±280 ppt	200 ppt
Nonylphenol	99.29%	1400±280 ppt	200 ppt
Microplastics	99.5%	>10,000 particles/mL	85%

***VOC Included chemicals:

NSF/ANSI Standard 53 - Health Effects Volatile Organic Chemicals (VOCs) Included by Surrogate Testing			
Alachor	>98%	0.050 mg/L	0.002 mg/L
Atrazine	>97%	0.100 mg/L	0.003 mg/L
Benzene	>99%	0.081 mg/L	0.005 mg/L
Carbofuran	>99%	0.190 mg/L	0.04 mg/L
Carbon Tetrachloride	98%	0.078 mg/L	0.005 mg/L
Chlorobenzene	>99%	0.077 mg/L	0.1 mg/L
Chloropicrin	99%	0.015 mg/L	-
2,4-D	98%	0.110 mg/L	0.07 mg/L
Dibromochloropropane (DBCP)	>99%	0.052 mg/L	0.00002 mg/L

o-dichlorobenzene	>99%	0.080 mg/L	0.6 mg/L
p-dichlorobenzene	>98%	0.040 mg/L	0.075 mg/L
1,2-dichloroethane	95%	0.088 mg/L	0.005 mg/L
1,1-dichloroethylene	>99%	0.083 mg/L	0.007 mg/L
cis-1,2-dichloroethylene	>99%	0.170 mg/L	0.07 mg/L
trans-1,2-dichloroethylene	>99%	0.086 mg/L	0.1 mg/L
1,2-dichloropropane	>99%	0.080 mg/L	0.005 mg/L
cis-1,3-dichloropropylene	>99%	0.079 mg/L	-
Dinoseb	99%	0.170 mg/L	0.007 mg/L
Endrin	99%	0.053 mg/L	0.002 mg/L
Ethylbenzene	>99%	0.088 mg/L	0.14 mg/L
Ethylene Dibromide (EDB)	>99%	0.044 mg/L	0.00005 mg/L
HAN			
Bromochloroacetonitrile	98%	0.022 mg/L	-
Dibromoacetonitrile	98%	0.024 mg/L	
Dichloroacetonitrile	98%	0.0096 mg/L	
Trichloroacetonitrile	98%	0.015 mg/L	
HK			
1,1-Dichloro-2-propanone	99%	0.0072 mg/L	-
1,1,1-Trichloro-2-propanone	96%	0.0082 mg/L	
Heptachlor	>99%	0.025 mg/L	0.0004 mg/L
Heptachlor Epoxide	98%	0.0107 mg/L	0.0002 mg/L
Hexachlorobutadiene	>98%	0.044 mg/L	-
Hexachlorocyclopentadiene	>99%	0.060 mg/L	0.05 mg/L
Lindane	>99%	0.055 mg/L	0.0002 mg/L
Methoxychlor	>99%	0.050 mg/L	0.04 mg/L
Pentachlorophenol	>99%	0.096 mg/L	0.001 mg/L
Simazine	>97%	0.120 mg/L	0.004 mg/L
Styrene	>99%	0.150 mg/L	0.1 mg/L
1,1,2,2-Tetrachloroethane	>99%	0.081 mg/L	-
Tetrachloroethylene	>99%	0.081 mg/L	0.005 mg/L
Toluene	>99%	0.078 mg/L	0.06 mg/L
2,4,5-TP (silvex)	99%	0.270 mg/L	0.05 mg/L
Tribromoacetic acid	>98%	0.042 mg/L	-
1,2,4-Trichlorobenzene	>99%	0.160 mg/L	0.07 mg/L
1,1,1-Trichloroethane	95%	0.084 mg/L	0.2 mg/L

1,1,2-Trichloroethane	>99%	0.150 mg/L	0.005 mg/L
Trichloroethylene	>99%	0.180 mg/L	0.005 mg/L
Trihalomethanes (includes):			
Chloroform	99.81%	0.300 mg/L	0.08 mg/L
Bromoform	99.81%	0.300 mg/L	
Bromodichloromethane	99.81%	0.300 mg/L	
Chlorodibromomethane	99.81%	0.300 mg/L	
Xylenes (total)			
o-xylene	>99%	0.070 mg/L	0.09 mg/L
p-xylene	>99%	0.070 mg/L	
m-xylene	>99%	0.070 mg/L	

*NSF Minimum Percent Reduction Requirement

****The test mixture for total PFAS is made up of PFOA (500 ppt), PFOS (1,000 ppt), PFHxS (300 ppt), PFNA (50 ppt), PFHpA (40 ppt), PFBS (260 ppt), and PFDA (10 ppt). This system meets the 20 ppt requirement for Total PFAS.**

Always refer to User Instruction Manual for installation, flushing, maintenance, cleaning, filter replacement, and care instructions.

After installation, flush the system by running water through the dispenser for approximately 5 minutes until water runs clear and steady. Some sputtering is normal as air is purged.

Read and follow instructions before installation and use of this product. Cartridges should be replaced every 6 months, at rated capacity, or sooner, if a noticeable reduction in flow rate occurs. Only use HydraSense replacement filter XSKWATFILSUS with HydraSense Intelligent Water Filter System.

The contaminants or other substances removed or reduced by this water filter are not necessarily in all users' water. The system and installation shall comply with applicable state and local regulations.

We offer a One (1) Year Limited Warranty that applies to purchases made by authorized retailers of SharkNinja Operating LLC. Warranty coverage applies to the original owner and to the original product only and is not transferable. Please refer to your user instructions for further details.



Distributed by:

SharkNinja Operating LLC

89 A Street / Needham, MA 02494 USA

1-855-427-5130

sharkninja.com