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System Tested by Pace Analytical against NSF/ANSI Standard 42 for the reduction of Chloramine, Chlorine Taste and Odor, and NSF/ANSI Standard 53 for the reduction of Lead and VOC.

PERFORMANCE DATA SHEET

Model A305

NSF/ANSI STANDARD 53 (Health Effects)

This system has been tested to NSF/ANSI Standard 53 for the reduction of the substances 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 NSF/ANSI Standard 53.

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION (mg/L)	MAX. PERMISSIBLE PRODUCT WATER CONCENTRATION (mg/L)	CHEMICAL REDUCTION PERCENT
alachlor	0.050	0.001	>98%
atrazine	0.100	0.003	>97%
benzene	0.081	0.001	>99%
carbofuran	0.190	0.001	>99%
carbon tetrachloride	0.078	0.001	>99%
chlorobenzene	0.077	0.001	>99%
chloropicrin	0.015	0.0002	99%
2,4-D	0.110	0.0017	98%
dibromochloropropane (DBCP)	0.052	0.00002	>99%
o-dichlorobenzene	0.080	0.001	>99%
p-dichlorobenzene	0.040	0.001	>99%
1,2-dichloroethane	0.088	0.001	>99%
1,1-dichloroethylene	0.083	0.001	>99%
cis-1,2-dichloroethylene	0.170	0.0005	>99%
trans-1,2-dichloroethylene	0.086	0.001	>99%
1,2-dichloropropane	0.080	0.001	>99%
cis-1,3-dichloropropylene	0.079	0.001	>99%
dinoseb	0.170	0.0002	99%
endrin	0.053	0.00059	99%
ethylbenzene	0.088	0.001	>99%
ethylene dilbromide (EDB)	0.044	0.00002	>99%
haloacetonitriles (HAN):			
bromochloroacetonitrile	0.022	0.0005	98%
dibromoacetonitrile	0.024	0.0005	98%
dichloroacetonitrile	0.0096	0.0002	98%
trichloroacetoritrile	0.015	0.0003	98%
haloketones (HK):			
1,1-dichloro-2-propanone	0.0072	0.0001	99%
1,1,1-trichloro-2-propanone	0.0082	0.0003	96%
heptachlor (H-34,Heptox)	0.08	0.0001	>99%

[continued]

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION (mg/L)	MAX. PERMISSIBLE PRODUCT WATER CONCENTRATION (mg/L)	CHEMICAL REDUCTION PERCENT
heptachlor epoxide	0.0107	0.0002	98%
hexachlorobutadiene	0.044	0.001	>98%
hexachlorocyclopentadiene	0.060	0.000002	>99%
lindane	0.055	0.00001	>99%
methoxychlor	0.050	0.0001	>99%
pentachlorophenol	0.096	0.001	>99%
simazine	0.120	0.004	>97%
styrene	0.150	0.0005	>99%
1,1,2,2-tetrachloroethane	0.081	0.001	>99%
tetrachloroethylene	0.081	0.001	>99%
toluene	0.078	0.001	>99%
2,4,5-TP (silvex)	0.270	0.0016	99%
tribromoacetic acid	0.042	0.001	>98%
1,2,4-trichlorobenzene	0.160	0.0005	>99%
1,1,1-trichloroethane	0.084	0.0046	>95%
1,1,2-trichloroethane	0.150	0.0005	>99%
trichloroethylene	0.180	0.001	>99%
trihalomethanes (includes):			
chloroform (surrogate chemical)	0.300	0.015	95%
bromoform			
bromodichloromethane			
chlorodibromomethane			
xylenes (total)	0.070	0.001	>99%

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION	REDUCTION REQUIREMENT	ACTUAL % REDUCTION
lead (pH 6.5)	0.15 mg/L ± 10%	0.010 mg/L	>99%
lead (pH 8.5)	0.15 mg/L ± 10%	0.010 mg/L	>99%

NSF/ANSI STANDARD 42 (Aesthetic Effects)

This system has been tested to NSF/ANSI Standard 42 for the reduction of the substances 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 NSF/ANSI Standard 42.

SUBSTANCE	INFLUENT CHALLENGE CONCENTRATION	REDUCTION REQUIREMENT	ACTUAL % REDUCTION
chlorine	2.0 mg/L ± 10%	≥50%	>99%
chloramine	3.0 mg/L ± 10%	.5 mg/L	>99%

Testing is conducted with actual contaminated water at high influent challenge levels. These high influent challenges are established using "occurrence" data from such agencies as USGS (United States Geological Survey) and USEPA (United States Environmental Protection Agency). These challenges are then set at the 95% occurrence for these contaminates. If there is no occurrence data on which to base the influent challenge, the Standard uses three (3) times the regulated level for the influent challenge. These filters are then tested to ensure that they reduce the contaminate below the regulated level for safe consumption. While testing was performed under standard laboratory conditions, actual performance may vary.

Percent reduction reflects the allowable claims for reduction of Volatile Organic Compounds (VOC) based on NSF International Standard No 53 tables and the corresponding Influent Concentrations, for all systems which have a demonstrated capacity to reduce Chloroform by 95% or better (Chloroform is used as a "surrogate" chemical for all VOC reduction claims). Actual testing of AWS-A305 conducted by Pace Analytical demonstrated a >99% reduction rate for the removal of Chloroform.

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SPECIFICATIONS Model A305

AQUALIV WATER SYSTEM - Model A305

SKU	AWS-A305
Installation	Undersink
Rated Capacity	1,000 gallons (3,785 L)
Rated Service Flow	1 gal/min
Replacement Filter Set	AWS-FS300
Maximum Working Pressure	100 psig (689.6 kPa)
Minimum Working Pressure	30 psig (206.8 kPa)
Maximum Operating Temperature *(for cold water use only)*	100° F / 38° C
Minimum Operating Temperature	34° F / 1° C
Construction	NSF Certified Components

1. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
2. For use on cold, potable water supplies only.
3. For this system to continue to perform as tested and represented, use only genuine AquaLiv AWS-FS300 replacement filters. Replace the filter cartridges when the first of the following occurs:
   A. Annually
   B. The flow rate diminishes
   C. When the rated capacity of the filters has been reached
   D. When you notice an off taste or odor
4. Installation of this product must comply with all state and local laws and regulations. Refer to your local agencies for details.
5. The contaminates or other substances removed or reduced by this Drinking Water System are not necessarily in all users' water.
6. Individuals requiring specific microbiological purity should consult their physician.
7. For limited warranty and installation and operating instructions, please refer to the Installation, Use & Care Guide.
8. The approximate cost for replacement filters is $99.00.
9. For more information regarding the purchase of genuine AquaLiv replacement cartridges and replacement parts, visit:

   shop.aqualiv.com

ABBREVIATIONS:
ug/L - Micrograms per liter
mg/L - Milligrams per liter
MCL - Maximum Contaminate Level
VOC - Volatile Organic Compound
USEPA - Unites States Environmental Protection Agency
USGS - United State Geological Survey