

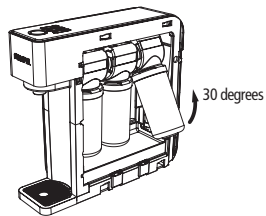
- ⚠ WARNING :** To reduce the risk associated with ingestion of contaminants:
- Do not use with water that is microbiologically unsafe or unknown quality without adequate disinfection before or after the system.

CAUTION : To reduce the risk associated with property damage due water leakage:

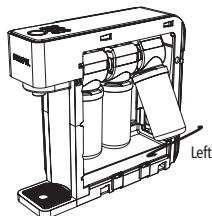
- **Read and follow** Use Instructions before installation and use of this system.
- Installations and use **MUST** comply with all state and local plumbing codes.
- **Protect from freezing**, remove filter cartridge when temperatures are expected to drop below 40°F (4.4°C).
- **Do not install on hot water supply lines**. The maximum operating water temperature of this filter system is 100°F (37.8°C).
- **Do not install** if water pressure exceeds 100psi (7.03 kgf/cm², 689kPa). If water pressure exceeds 80 psi (5.62 kgf/cm², 551kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain about how to check your water pressure.
- **Do not install** where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- The disposable filter cartridge **MUST** be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.
- The UF membrane module **MUST** be replaced every 12 months, at the rated capacity or if a noticeable reduction in flow rate occurs.

AIRGLE FILTER REPLACEMENT INSTRUCTIONS

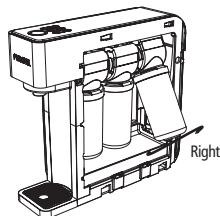
Lift upward



Turn filter cartridge to left (counterclock wise).
Pull filter straight down to remove it.



Inset new filter and turn right to fasten.



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Airgle Water Filtration System Cartridge

Replacement instruction & Performance data



Ultra Filtration / Activated Carbon Drinking Water Filtration System

Use Replacement Filter(s):
AF500600A (Carbon Pre Filter),
AF500600B (Ultra Filter) and
AF500600C (Carbon Filter)

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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 42/53



System tested and certified by NSF International against NSF/ANSI Standard 42 and against NSF/ANSI Standard 53 for the reduction of substances as listed below according to Standard 42 and 53.

Capacity 300gallons (1,135liters), Contaminant Reduction Determined by NSF testing.

Substance	NSF Specified Influent Challenge Concentration Units apply to each row	Average Influent Concentration	Average % Reduction	Average Product Water Concentration	NSF Reduction Requirements	Remark
Chlorine taste and odor	2.0 mg/L ± 10%	2.1 mg/L	97.6	0.05 mg/L	≥ 50%	
Particulate Class I particles; 0.5 to <1 μm	at least 10,000 particles/mL	10,566,666 pt/mL	98.4	171,833 pts/mL	≥ 85%	
Cysts*	Minimum 50,000 cysts/L	127,500 cysts/L	99.99	<1 cysts/L	≥ 99.95%	
Turbidity	11 ± 1 NTU	10.5	98.6	0.15 NTU	≥ 0.5 NTU	
Lead @ pH 6.5	0.15 ± 10%	153 ug/L	99.3	<1 ug/L	≥ 10 ug/L	
Lead @ pH 8.5	0.15 ± 10%	155 ug/L	>99.4	<1 ug/L	≥ 10 ug/L	
Asbestos	10 ⁷ to 10 ⁸ fibers / L; fibers greater than 10 um in length	140 MFL	> 99	<0.17 MFL	99%	
Benzene	0.015 ± 10%	13.88 ug/L	96.4	<0.5 ug/L	≤ 5 ug/L	
Carbofuran	0.190 mg/L	79.6 ug/L	98.7	1 ug/L	≤ 40 ug/L	
p-dichlorobenzene	0.225 ± 10%	237.5 ug/L	99.8	0.525 ug/L	≤ 75 ug/L	
Mercury @ pH 6.5	0.006 ± 10%	5.97 ug/L	96.6	<0.2 ug/L	≥ 2 ug/L	
Mercury @ pH 8.5	0.006 ± 10%	6.29 ug/L	88.9	0.7 ug/L	≥ 2 ug/L	
MTBE	0.015 ± 20%	15 ± 30 ug/L	86.7	2 ug/L	≤ 5 ug/L	
Chloramine	3.0 ± 0.5 mg/L	3.0 mg/L ± 10%	95	0.15 mg/L	0.5 mg/L	
VOCs	0.3 ± 10%	300 ± 30 ug/L	98	6 ug/L	≤ 15 ug/L	

* Based on the use of Cryptosporidium parvum oocysts, **MTBE = methyl tert-butyl ether

Application Guidelines - Water Supply Parameters

Service flow	0.5 gpm (1.9 lpm)
Water Supply	Tap Water
Water pressure (Working Pressure)	25 ~ 80 psi (172 kPa ~ 551 kPa; 1.75 kgf/cm ² ~ 5.62 kgf/cm ²)
Water temperature (Operating Temperature)	40°F - 100°F (4.4°C - 37.8°C)
Rated Service Capacity	300 gallons (1,136 liters)

- Tested using flow rate = 0.5 gpm; pressure = 60 psig; pH = 8.5 and 6.5; temp. = 20° ± 2.5°C
- Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines. Failure to do so may void warranty.
- Flush new cartridge for 2.5 gallons (approximately 5 minutes).

Carbon block Filter Chlorine Taste and Odor capacity : 2,500 gallons (9,464 liters)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Installation Manual for Warranty information.

Note : While the testing was performed under standard laboratory conditions, actual performance may vary.

Important Quality Assurance Requirements : These Ultra Filtration Drinking Water Appliances contain treatment components that are critical for effective reduction of Lead and Mercury as well as inorganic contaminants.

Replacement Filters :

AF500600A (Carbon Pre Filter),

AF500600B (Ultra Filter),

AF500600C (Carbon Filter)

For estimated costs of replacement elements please call (866) 501 - 7750 or visit our website at www.airgle.com