

SPEC # \_\_\_\_\_

QUANTITY \_\_\_\_\_

### APPLICATION

## ESPRESSO



### AT A GLANCE

Aqua-Pure® Model SGP124BN-T single-cartridge water filtration systems assure consistent high-quality water for espresso and espresso-based drinks at flow rates to 0.5 gpm (1.9 lpm). A blend of high-capacity strong and weak-acid ion-exchange resins reduces calcium and magnesium ions to prevent hard scale formation on heating coils and boilers resulting in energy inefficiency, downtime, and expensive service calls. Inlet water TDS and alkalinity are also reduced. Premium activated carbon reduces chlorine taste and odor and bitterness associated with poor water quality. A built-in bypass directs 75% of the inlet water through the media combination for treatment. Model SGP124BN-T has a capacity of 422.6 gallons (1,921 liters) for inlet water with 180 ppm (10.5 gpg) hardness.

### PRODUCT BENEFITS

- Consistent, great-tasting espresso and espresso drinks from water with reduced hardness, alkalinity, TDS, and chlorine taste and odor.
- Increased lifetime and capacity from a built-in bypass that allows 25% of inlet water to pass through untreated.
- Reduced hard scale formation on the heating coils by the reduction of calcium and magnesium ions results in improved energy efficiency and reduced downtime and expensive service calls.
- Patented\* valve-in-head design simultaneously shuts off and vents water with 1/4 turn, allowing for simple and trouble-free cartridge change-outs.
- SQC™ - Sanitary Quick Change – encapsulated cartridge design allows for fast and easy change-outs with a 1/4 turn while minimizing the possibility of leakage and contamination.
- FDA CFR-21 compliance provides assurance of safety.
- 3/8" FNPT horizontal inlet and outlet ports allow direct or easily adaptable connections to existing plumbing lines.
- Optional pressure gauge allows monitoring of downstream water pressure.
- Exhausted cartridges may be incinerated for environmentally conscious disposal.

### PRODUCT SPECIFICATIONS

Model Number	Part Number	Reduction Claims	Capacity**	Service Flow Rate	Replacement Cartridge
SGP124BN-T	56176-03	Hardness, Chlorine, Taste & Odor	422.6 gal @ 10.5 gpg (1,921 lit @ 180 ppm)	0.5 gpm (1.9 lpm)	P124BN 56109-01

\* U.S. Patent #6,458,269

\*\* Capacity may be approximated by ratio of inlet-water hardness.

# Aqua-Pure® Commercial Products

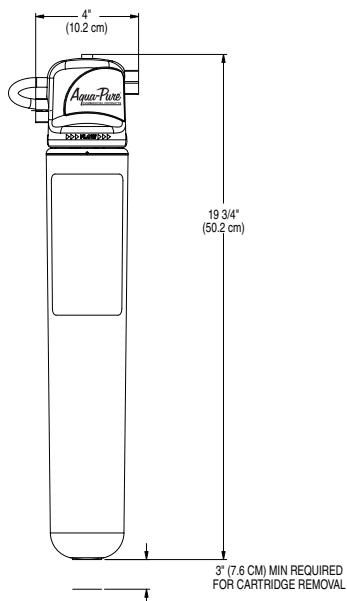
SPEC # \_\_\_\_\_  
QUANTITY \_\_\_\_\_  
MODEL NUMBER \_\_\_\_\_  
PART NUMBER \_\_\_\_\_

# Aqua-Pure®

COMMERCIAL PRODUCTS

## SGP124BN-T

### PHYSICAL SPECIFICATIONS



- System includes a head assembly, integral mounting bracket, and single cartridge filter.
- Optional downstream pressure gauge port in top of head assembly.
- Inlet and outlet fittings are 3/8" FNPT.
- System incorporates an internal automatic 1/4 turn shut off valve.
- Filter cartridge is double o-ring seal type.
- System maximum operating pressure is 125 psi (862 kPa) and operating temperature 100°F (38°C).
- Recommended service flow rate is 0.5 gpm (1.9 lpm).
- Filter cartridge incorporates premium activated carbon media and a blend of ion-exchange media.
- System is CFR-21 compliant.
- Cartridge body is constructed from high-impact polypropylene.
- Cartridge is sanitary in design, requiring no contact with the filter media during cartridge change-out.
- Filter cartridge requires no pre-activation.
- Shipping weight: 12 lbs. (5.4 kg) per case.
- Case Quantity: 4

### INSTALLATION TIPS

- Shut off downstream equipment prior to installation of the system.
- Choose mounting location to support full system weight when operating.
- Do not exceed operating parameters for temperature or pressure.
- Do not install outdoors.
- For commercial use only with cold water.

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

CUNO Incorporated recommends regularly scheduled maintenance and replacement of the filter cartridge(s) in order for the product to perform as advertised/sold. Change the filter cartridge at least every 6 months. CUNO shall not be liable for system failures due to improper maintenance.

### LIMITED 5 YEAR WARRANTY

CUNO Incorporated warrants to the original purchaser-consumer that this product is free from defects in materials and workmanship. This warranty, together with any and all warranties implied by law, shall be limited to a period of five (5) years from the date of original purchase by the consumer. This warranty does not apply to failures that result from abuse, misuse, alteration or damage not caused by CUNO. This warranty is subject to exclusions and limitations. Please refer to the Warranty Card provided with the product for details.

### SERVICE WORLDWIDE

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Visit [www.nsf.org](http://www.nsf.org) for the claims associated with products that are NSF listed.



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