

SPEC # _____

QUANTITY _____

APPLICATION

ESPRESSO



AT A GLANCE

The Aqua-Pure[®] Model SGP165BN-T single-cartridge water-filtration systems assure consistent high-quality water for espresso and espresso-based drinks at flow rates to 1.0 gpm (3.8 lpm). A blend of high-capacity strong and weak-acid ion-exchange resins reduces calcium and magnesium ions to prevent hard scale formation on the heating coils and boilers that results 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 SGP165BN-T has a capacity of 719 gallons (2,722 liters) for inlet water with 150 ppm (9 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
SGP165BN-T	56176-01	Hardness, Chlorine, Taste & Odor	719 gal @ 9.0 gpg (2,722 lit @ 150 ppm)	1.0 gpm (3.8 lpm)	P165BN: 56156-01

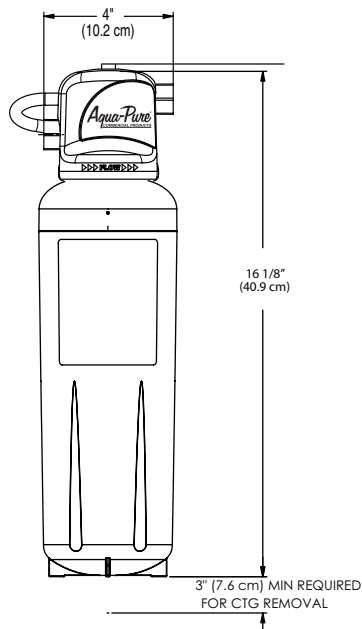
* U.S. Patent #6,458,269

Aqua-Pure® Commercial Products

SPEC # _____
QUANTITY _____
MODEL NUMBER _____
PART NUMBER _____

Aqua-Pure®
COMMERCIAL PRODUCTS
SGP165BN-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 of 125 psi (862 kPa) and operating temperature of 100°F (38°C).
- Recommended service flow rate is 1.0 gpm (3.8 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 glass-filled polypropylene.
- Cartridge is sanitary in design, requiring no contact with the filter media during cartridge change-out.
- Filter cartridges require no pre-activation.
- Operating weight: 7.5 lbs (3.4 kg)
- Case Quantity: 1

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.

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.

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Visit www.nsf.org for the claims associated with products that are NSF listed.



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