

SPEC #

QUANTITY

APPLICATION

ESPRESSO



ESP114-T

ESP124-T

AT A GLANCE

Aqua-Pure® ESP114-T and ESP124-T single-cartridge water filtration systems provide consistent high-quality water for espresso and espresso-based drinks at flow rates to 0.5 gpm (1.9 lpm). A strong-acid sodium ion-exchange resin reduces calcium and magnesium ions to prevent hard scale formation on the heating coils and boilers resulting in energy inefficiency, downtime, and expensive service calls. Premium activated carbon reduces chlorine taste and odor and bitterness associated with poor water quality.

- **MODEL** ESP114-T removes hardness up to 700 grains.
- **MODEL** ESP124-T removes hardness up to 1100 grains.

PRODUCT BENEFITS

- Consistent, great-tasting espresso and espresso drinks from water with reduced hardness and chlorine taste and odor.
- 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.

PRODUCT SPECIFICATIONS

Model Number	Part Number	Reduction Claims	Capacity	Service Flow Rate	Replacement Cartridge	Sizing
ESP114-T	56176-09	Hardness, Chlorine, Taste & Odor	700 Grains	0.5 gpm (1.9 lpm)	PS114: 56109-09	Approximate Capacity in Gallons = Grain Capacity/Incoming Water Hardness in Grains
ESP124-T	56176-10	Hardness, Chlorine, Taste & Odor	1,100 Grains	0.5 gpm (1.9 lpm)	PS124: 56109-07	Approximate Capacity in Gallons = Grain Capacity/Incoming Water Hardness in Grains

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



a 3M company



Aqua-Pure® Commercial Products

SPEC # _____

QUANTITY _____

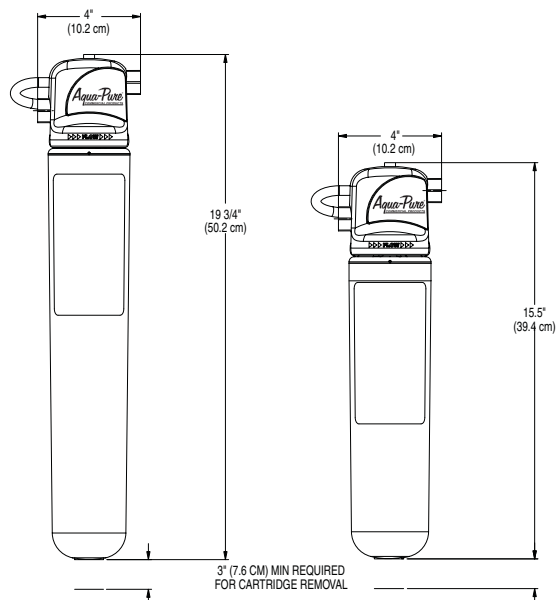
MODEL NUMBER _____

PART NUMBER _____

Aqua-Pure®
COMMERCIAL PRODUCTS

ESP114/ESP124

PHYSICAL SPECIFICATIONS



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.
- Install on cold water line only.

LIMITED 5 YEAR WARRANTY

CUNO makes no guarantees or warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or implied warranty arising out of a course of dealing, custom, or usage of trade whatsoever with respect to these instructions. CUNO shall not under any circumstances be liable to the recipient of these instructions for any direct, indirect, special, incidental, or consequential loss or damages (including, but not limited to, loss of profits, revenue, business, opportunity, or goodwill) resulting from or in any way related to these instructions or the recipient's non-adherence to these instructions, regardless of the legal or equitable theory under which such loss or damages are sought, including breach of warranty or contract, negligence or strict liability.

- 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 plumbing connections 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 a maximum operating temperature of 100°F (38°C).
- Recommended service flow rate is 0.5 gpm (1.9 lpm).
- Filter cartridges incorporate premium activated carbon media and strong-acid ion-exchange media in the sodium form.
- System is CFR-21 compliant.
- Cartridge body is constructed from high-impact polypropylene.
- Cartridges are sanitary in design, requiring no contact with the filter media during cartridge change-out.
- Filter cartridges require no pre-activation.
- Shipping weight: ESP114-T — 20 lbs. (9.1 kg) per case
ESP124-T — 12 lbs. (5.44 kg) per case
- Case Quantity: ESP114-T — 6
ESP124-T — 4

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

Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment Number 070595-CT-001.

“CAUTION” To reduce the risks associated with water leakage, which if not avoided, may result in property damage - check with your plumbing professional to verify that water pressure is less than 125 psi (862 kPa).

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.

NSF

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



3M

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