Aqua-Pure Dedicated Systems for **Coffee, Tea and Espresso**

Aqua-Pure filters for brewed beverage applications reduce excess chlorine, sediment and organic residuals that cause bitter tasting coffee, espresso or tea and clog spray heads. If not filtered these residuals can wreak havoc on your equipment and lead to expensive replacement costs.

When scale build-up is an issue, Aqua-Pure BREW Systems add scale inhibitors to help prevent the precipitation of calcium and magnesium salts that can significantly decrease efficiency and increase maintenance costs.

Aqua-Pure ESP and Pro (SGP) systems reduce calcium and magnesium ions by ion exchange for crystal clear iced tea and for perfect bean extraction for espresso and espresso-based beverages.

Turn to Aqua-Pure for superior flavor, consistency and customer satisfaction.

AQUA-PURE SYSTEMS FOR COFFEE, TEA AND ESPRESSO:

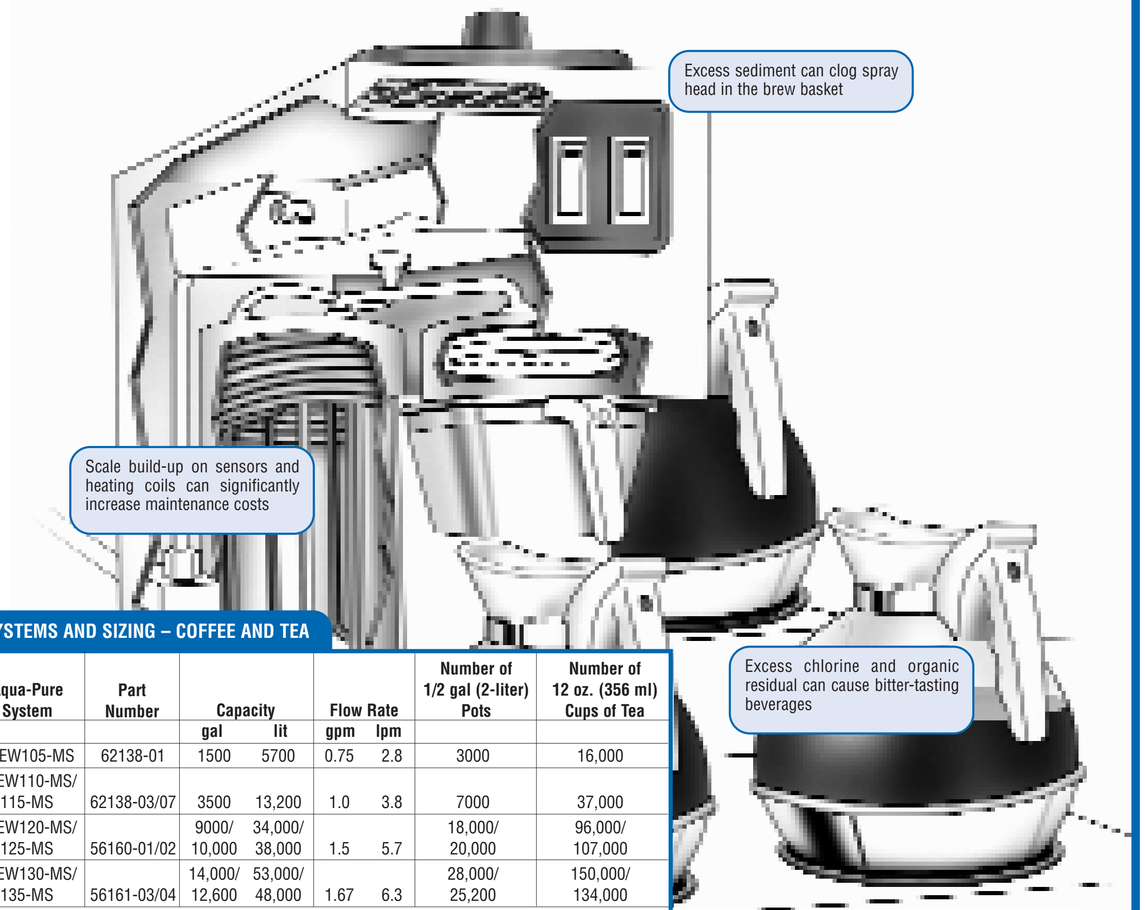
- BREW systems add scale inhibitors for improved build-up reduction.
- ESP and SGP systems soften water for espresso without the need for a drain, electrical connections, or salt regeneration.
- Are equipped with a valve-in-head that requires both lower inlet water pressure and delivers Sanitary Quick Change cartridge convenience for fast and easy cartridge change-outs. Inlet water is turned off automatically when the cartridge is replaced.

SCALE

Aqua-Pure ScaleGard® SF165 helps protect steamers, coffee & espresso brewers, and ice machines from the harmful effects of scale formation at temperatures up to and exceeding 200ºF (93ºC). The SF165 is a combination system. A SF18-S scale feeder carefully meters the right proportion of high-temperature scale inhibitor into water filtered through an Aqua-Pure cartridge with (**"IMPACT"**) media. The SF18-S scale feeder may be purchased separately.

COFFEE

TEA AND ESPRESSO



SYSTEMS AND SIZING – COFFEE AND TEA

Aqua-Pure System	Part Number	Capacity		Flow Rate		Number of 1/2 gal (2-liter) Pots	Number of 12 oz. (356 ml) Cups of Tea
		gal	lit	gpm	lpm		
BREW105-MS	62138-01	1500	5700	0.75	2.8	3000	16,000
BREW110-MS/ 115-MS	62138-03/07	3500	13,200	1.0	3.8	7000	37,000
BREW120-MS/ 125-MS	56160-01/02	9000/ 10,000	34,000/ 38,000	1.5	5.7	18,000/ 20,000	96,000/ 107,000
BREW130-MS/ 135-MS	56161-03/04	14,000/ 12,600	53,000/ 48,000	1.67	6.3	28,000/ 25,200	150,000/ 134,000

- All Aqua-Pure BREW systems include carbon-block media and scale inhibitor

SYSTEMS AND SIZING – SCALE REDUCTION SYSTEM

Aqua-Pure MODEL	Part Number	Capacity	Flow Rate	Replacement Cartridge	Sizing
SF165	56186-01	35,000 gallons (132,000 liters)	3.34 gpm (12.6 lpm)	Cartpak HF65 HF8S 56138-11	Coffee Brewers, Ice Machines and Steamers to demand flow rates of 3.34 gpm (12.6 lpm)
SF18-S	56077-03	35,000 gallons (132,000 liters)	to 5 gpm (18.7 lpm)	HF8-S 56078-03	

- Inlet/outlet fittings are 3/8-inch FNPT
- Periodic acid de-liming is recommended for steamer applications

SYSTEMS AND SIZING – SOFTENING CARTRIDGE SYSTEMS FOR ESPRESSO

SAC or WAC	Aqua-Pure Model	Part Number	Flow Rate		Capacity (grains of hardness)
			gpm	lpm	
SAC	ESP114-T/124-T	56176-09/10	0.5	1.9	700/1100
WAC Blend	SGP124BN-T	56176-03	0.5	1.9	4440
WAC Blend	SGP165BN-T	56176-01	1.0	3.8	6470
WAC Blend	SGP195BN-T	56176-02	1.0	3.8	10,800

- Inlet/outlet fittings are 3/8-inch FNPT
- Strong-acid (SAC) ion exchange cartridges reduce calcium and magnesium ions in the brewing water, replacing them with sodium ions for better-tasting espresso
- Weak-acid (WAC) ion-exchange cartridges replace positive ions (calcium and magnesium and others) in the brewing water with hydrogen ions. Lower TDS concentrations maximize the extraction of the flavor from the beans. A 25% bypass is built-in.
- To calculate capacities in gallons, divide the grain capacity by the hardness of the inlet water in grains per gallon or liter. WAC capacities are approximate, and throughputs need to be adjusted higher to account for the 25% bypass.