

TAC

Template-Assisted Crystallization



VIZION™ provides the perfect solution for protecting equipment against lime scale buildup: VZN ultrafiltration systems coupled with TAC (Template-Assisted Crystallization) technology.

Lime scale is one of the most significant maintenance problems for both foodservice establishments and homes. Paired with a VZN ultrafiltration system, TAC systems can prevent lime scale buildup and protect your equipment.

VZN ultrafiltration systems reduce almost all suspended particles as small as .015 microns, leaving virtually no sites for calcium to collect on. The TAC systems use a unique technology to convert the hard, dissolved minerals left behind into harmless, inactive microscopic crystals. These crystals are relatively insoluble, effectively isolated from the water chemistry and anything that the water contacts.

Features

- Scale-reducing technology assures reduced service on equipment by decreasing lime scale by 96–98%.
- Maintains good water minerals that provide benefits to customers' health while also creating high-quality drinks.
- No chemicals added to ingredient water to assure no off tastes in drinks.
- No cleaning needed assures no water waste.



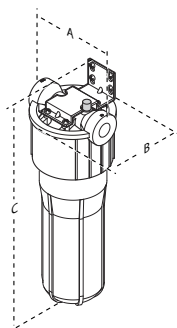
vizion™

a brand by A.J. Antunes & Co. www.ajantunes.com

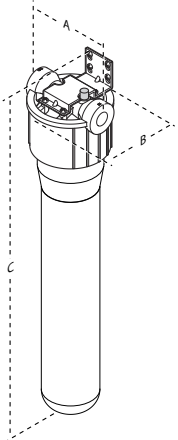
TAC Template-Assisted Crystallization

Dimensions

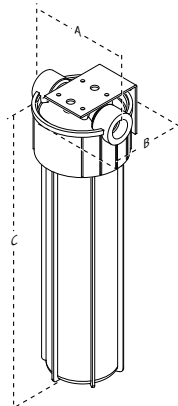
TAC-01



TAC-02



TAC-05



Model & Mfg. No.	Width (A)	Depth (B)	Height (C)	Operating Weight
TAC-01 9700903	5 1/2" (14 cm)	6 1/2" (17 cm)	15 1/2" (39 cm)	10 lbs. (4.5 kg)
TAC-02 9700906	5 1/2" (14 cm)	6 1/2" (17 cm)	26" (66 cm)	20 lbs. (9 kg)
TAC-05* 9700905	7 1/2" (19 cm)	9" (23 cm)	22" (56 cm)	20 lbs. (9 kg)

*Height dimension with mounting bracket facing down.

Shipping Dimensions

Model & Mfg. No.	Length	Width	Height	Weight
TAC-01 9700903	17" (43 cm)	12" (30 cm)	18" (46 cm)	8 lbs. (3.6 kg)
TAC-02 9700906	27" (69 cm)	19" (48 cm)	17" (43 cm)	12 lbs. (5.4 kg)
TAC-05 9700905	27" (69 cm)	19" (48 cm)	17" (43 cm)	12 lbs. (5.4 kg)

Applications

Foodservice & Institutional

- Coffee and Tea Brewers
- Steamers

Residential

- Laundry
- Water Heater
- Bath and Shower

General Commercial/Industrial

- Hotels, Hospitals, Apartments, Car Washes, Restaurants, etc.
- RO Pretreatment
- Humidifiers, Evaporative Cooling
- Instantaneous or Tankless Water Heaters

Note: Flow-to-drain, blow-down valve, or self-cleaning procedure recommended for any equipment using hot water that follows a TAC system.

Capacities

Model & Mfg. No.	Maximum Flow Rate
TAC-01 9700903	1 gallon per minute (3.8 liters per minute)
TAC-02 9700906	2 gallons per minute (7.6 liters per minute)
TAC-05 9700905	5 gallons per minute (18.9 liters per minute)

Water Chemistry Specifications

pH	6.5 to 8.5
Max. Hardness	75 grains (1300 ppm CaCO ₃)
Temperature	41°F to 100°F (5°C to 38°C)
Chlorine	< 3 ppm
Iron	0.3 mg/l
Manganese	0.05 mg/l
Copper	1.3 mg/l
Oil & H ₂ S	Remove prior to TAC