

SYSTEMS IV — SCALE CONTROL

SC100HSYS

CITRYNE® scale control for glass washers



CITRYNE® scale control sized for glass washers. Food-grade citrate chelation holds calcium and magnesium in solution so they cannot bond to heating elements, jets or glassware — clear glass, no spotting, and wash chemistry that works as intended. Line-pressure operation: no electricity and no waste water.

7.6 L/min

SERVICE FLOW

8.6 bar

MAX PRESSURE

6 months

CARTRIDGE LIFE



Two-stage scale-control system with isolation valve and line pressure gauge. Unit reference TPS-C10S10.

FEATURES

- CITRYNE® food-grade citrate chelation — no EDTA, no artificial chelants
- Prevents new scale and gradually removes existing build-up
- No softening: the mineral profile and taste are unchanged
- No flow restriction at peak service
- Cartridge changes in minutes, without stopping water flow

APPLICATION

- Glass washers
- Undercounter and bar-back machines

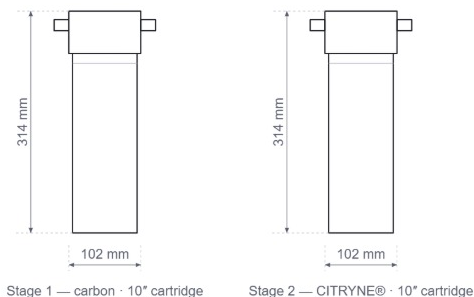
SPECIFICATION

Service flow rate	7.6 L/min (2 GPM)
Treatment	Two-stage: carbon + CITRYNE® scale elimination
Application	Glass washers
Stage 1 cartridge	10" × 100 mm diameter — activated carbon, chlorine taste and odour
Stage 2 cartridge	10" × 100 mm diameter — CITRYNE® scale elimination
Operating pressure	1.7 – 8.6 bar (25 – 125 psi)
Operating temperature	1.7 – 38 °C (35 – 100 °F)
Cartridge life	Up to 6 months
Connection	½" inlet ball valve; ¾" quick-connect outlet, as supplied
Mounting	Wall-mounted stainless steel bracket
Power supply	None required
System part number	58022001
Replacement pack	58022001
Certification	NSF/ANSI 42 — tested and certified for cyst reduction

TECHNICAL DRAWING

SC100HSYS — cartridge and housing geometry

Cartridge and housing geometry, nominal. Inlet and outlet ports on the manifold head.
Allow 75 mm below each sump for cartridge removal.



Two-stage cartridge and housing geometry.

APPROVALS AND NOTES



System tested and certified by NSF International
against NSF/ANSI 42 for aesthetic effects.

Operating limits, cartridge sizes and part numbers read from the product labels of the unit photographed. All dimensions and weights converted from the manufacturer's imperial data and rounded; nominal values only.

ENQUIRIES AND QUOTATIONS

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Specifications are nominal and subject to change without notice. Imperial source data converted to metric.