

# Sterisil® System G4 Technical Specifications



# **KEY FEATURES:**



Distilled Quality Water Production



**Dental Water Treatment** 



Ultraviolet Treatment



Audible and Visual Alarms

# SPECIFICATIONS:

Size: 20"W x 18"H x 5.5"D

Weight dry: 22 lbs

Weight wet: 24 lbs

Source water temperature: 45–100°F, 7–38 °C

Source TDS: 0–500ppm

• Source pressure: 65–85psi / 4.5–6bar

Max serviceable chairs: 200, subject to water usage and facility

Produces up to 190L per day of RO, DI, or treated dental water

#### SPACE REQUIREMENTS:

Minimum mounting space:\*

» **Hinged:** 20"W  $\times$  22"H  $\times$  7"D

» **Slide:** 38"W x 22"H x 6.5"D\*\*

Recommended height is to place the top of the system 64" AFF.

Booster pump and pre-filter:

» Booster pump: 7"H x 4"D (Recommended if source PSI < 65)</p>

» Pre-filter: 12"H x 5"D (Recommended if source TDS>250)

Tank dimensions:\*\*\*

» 4G: 15"H x 12"D

» 10G: 21"H x 13"D

» 14G: 23"H x 15.25"D

#### PART NUMBERS:

Note: Complete system includes: system housing, tubing, cartridges, autoclave faucet, dental faucet (bottle fill only), 4gal and 10gal tanks, autoclave wand, and prefilter kit.

Part #	Description
G4-1	Complete system for 4-12 operatories
G4-3	Complete system for 13-29 operatories
G4-7	Complete system for 30-41 operatories
G4-10	Complete system for 42+ operatories
	Optional Components
SS-BP	Booster pump. For builds with <65PSI source pressure
SS-BT10	10gal bladder tank
SS-BT14	14gal bladder tank

# **ELECTRICAL REQUIREMENTS:**

- One quad outlet located above the system and within 3' horizontally.
- 110V AC, 3 amp, GFCI

### PLUMBING REQUIREMENTS:



No copper plumbing may be used downstream from the system.

- Use of 1/4" OD LLDPE or PEX tubing.
- Standard sink or floor drain within 20' of the system and not above height of system.
- Valve controlled tee off the municipal source for 1/4" tubing within 10' of the system.
- Backflow prevention in accordance with state and local ordinances should be installed.
   Not provided.

#### **DIRECT FEED CONSIDERATIONS**

- Chairs must be within 50' of the system
- Source water bypass recommended (see install manual)

For more information contact your **Sterisil® sales representative or local dealer.** 







# **OVERVIEW 0 12** Electrical Plugin 9 8 **Direct Feed** Continue 1/4" OD LLDPE or PEX tubing to operatories Left Side View 16 **Plan Notes** Cold water feed Supply tee 8 Pre filter 4 Dental faucet 5 Autoclave faucet 13 1/4" tank ball valve 3/8" tank ball valve 8 Permeate pump Drain saddle valve (DSV) 3/8" LINE 10 Inline ball valve Single check valve (SCV) 1/4" Pressure gauge **Optional** RESERVE 3/8" Pressure gauge DENTAL 9 WATER WATER Flow meter 15 Union tee Flow restrictor 3/8" OD LLDPE or PEX Booster pump (Optional) tubing to Instrument Washer 18 Pressure switch (Optional) 49 Autoclave wand **ELECTRICAL Plan Notes** 1 System plugin UV light plugin 3 Dental faucet data cable 4 Autoclave faucet data cable 5 Flow sensor data cable 6 Booster pump (Optional) Pressure switch (Optional) 20" 6.5" **DIMENSIONS** 10" 000 000 STERĮSI SYSTEM 18" \*XL Stage 4 Cartridges require an additional 2.5" of vertical space \*\*The slide mount requires an additional 18" of horizontal

4"

clearance to extend fully.

\*\*\*Tanks must be within 10' of system