Sterisil® System G5

Treatment
AT A TOUCH

Sterisil® System

G5
DENTAL WATER PURIFICATION

INTRODUCTION

The Sterisil® System G5 utilizes six stages of purification to provide on-demand purified and treated dental water for any dental practice. It is the only System engineered with a Class A UV light capable of killing 99.99% of bacteria and viruses. Equipped with a touchscreen, PC app, and a network of sensors, the G5 offers water quality monitoring and real time diagnostics for optimized dental water treatment.

Typical Install: The Sterisil® System G5 is typically installed in a central location within the dental office, medical, lab or hospital setting, near a faucet and sink. Utilizing a static or articulating bracket, preferred System placement is over a counter or on a wall near the quality, cold water supply and drain connections. It is also designed for installation in a cabinet with a slide bracket. The sterilization room is an ideal location for the G5. Peripherals such as tanks and faucets can be mounted within the functional distance of the System while also enabling a high level of staff synergy and convenience.

We recommend a certified Sterisil installer, professional technician, or plumber familiar with dental offices perform the installation since interfacing with a cold water line and drain is involved. He/she should be familiar with local plumbing codes and techniques for successful dental equipment installations.

INSTALLATION

▶ Visit **sterisil.com/sterisil-system-g5** to view the System installation video.

NEED HELP OR HAVE QUESTIONS?

Our technical support staff is available and ready to help. Please call, email or visit us online for additional support.

📞 719 622 7200

✉ support@sterisil.com

🌐 sterisil.com

CONFIGURATION

The G5's modular design allows for configuration in either bottle fill or direct feed

Bottle Fill

The G5 configured for bottle fill offers maximum control of waterline conditions within the dental unit. Each bottle fill unit comes standard with a chrome dental water faucet to fill up bottle reservoirs and a white autoclave faucet to fill autoclaves. Faucets are usually mounted on a counter-top by a sink or additional dispensing options are available, such as the In-Wall Dispensing Station or Remote Faucet Bracket.

Bottle Fill Specific Requirements

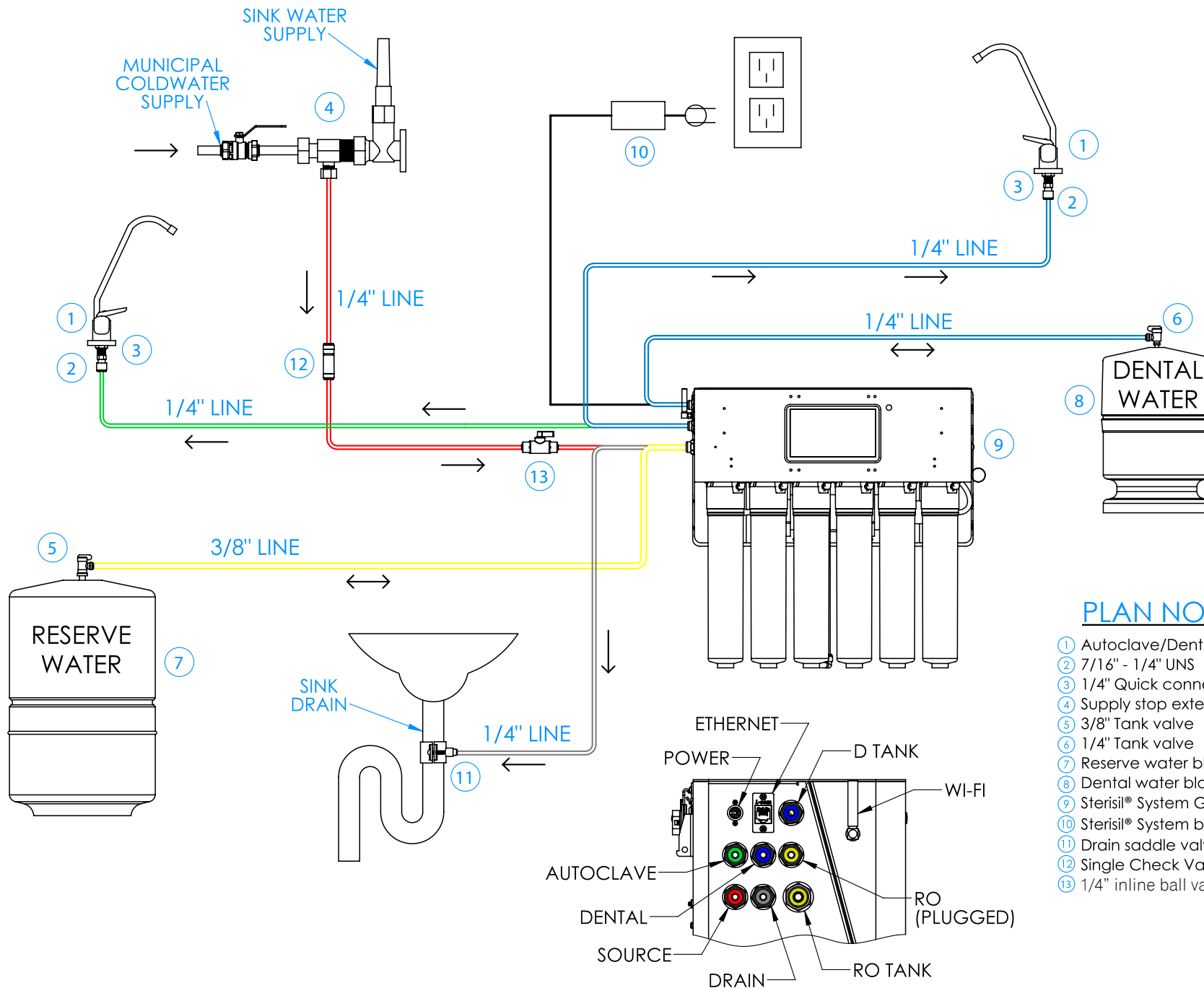|	
Faucets:	Sink with space for two top mounted faucets
Faucet Mounting Distance:	Within 50' from the System

Direct Feed

The G5 configured for direct feed offers streamlined delivery of treated dental water from the System directly to the chair. Staff efficiency is maximized with the elimination of filling bottles while still maintaining exceptional water quality. Since the dental water is delivered directly to the chair, the System includes a white autoclave faucet to fill autoclaves or an optional Sterisil® Wand can be purchased for remote filling.

Direct Feed Specific Requirements

Dental Water Supply Tubing: *(Customer Supplied)*	• Centrally installed within the dental office, furthest chair should not exceed 50' from the System • Recommended use of PVC APEX A FIRE Rated tubing • No brass or copper plumbing components may be used downstream of the System
Autoclave Faucet:	Countertop within 50' from the System
Source Water Bypass: *(Customer Supplied)*	A source water bypass should be installed by a plumber or technician to bypass the System if necessary.

General Sterisil® System G5 Requirements	
Minimum Pressure	60 PSI
Maximum Pressure	125 PSI
Minimum Temperature	45 °F
Maximum Temperature	100°F
Plumbing Drain	Standard sink or floor drain
Electrical and Internet Connectivity	Double outlet 110V AC, 3 amp, GFCI, within 5' from System, Wi-Fi or Ethernet connection
Mounting Space	System: 24"L x 11"W x 27"H
Bladder Tank Space	Tank 2G: 9"Dia x 12"H Tank 4G: 12"Dia x 15"H Tank 10G: 13"Dia x 21"H Tank 14G: 15.25"Dia x 23"H
Internet Enabled Computer	PC or Mac

Optional Add-On Components	
Remote Faucet Bracket	(5"L x 5.25"W x 5"H) wall space within 50' from the System
In-Wall Dispensing Station	(14"L x 4"W x 30"H") space, within 50' from the System
Sterisil® Wand	Autoclave must be within 10' from the System
Prefilter	(5"Dia x 12"H), Suggested use with source water quality > 250 PPM TDS
Booster Pump	(4"Dia x 7"H, Suggested use with source water pressure < 60 PSI

Bottle Fill Installation

SINK WATER SUPPLY

MUNICIPAL COLDWATER SUPPLY

④

①

③

②

1/4" LINE

⑩

①

③

②

1/4" LINE

1/4" LINE

⑫

⑥

1/4" LINE

⑧ DENTAL WATER

1/4" LINE

⑬

⑨

⑤ RESERVE WATER ⑦

3/8" LINE

SINK DRAIN

1/4" LINE

⑪

ETHERNET

POWER

D TANK

WI-FI

AUTOCLAVE

DENTAL

SOURCE

DRAIN

RO TANK

RO (PLUGGED)

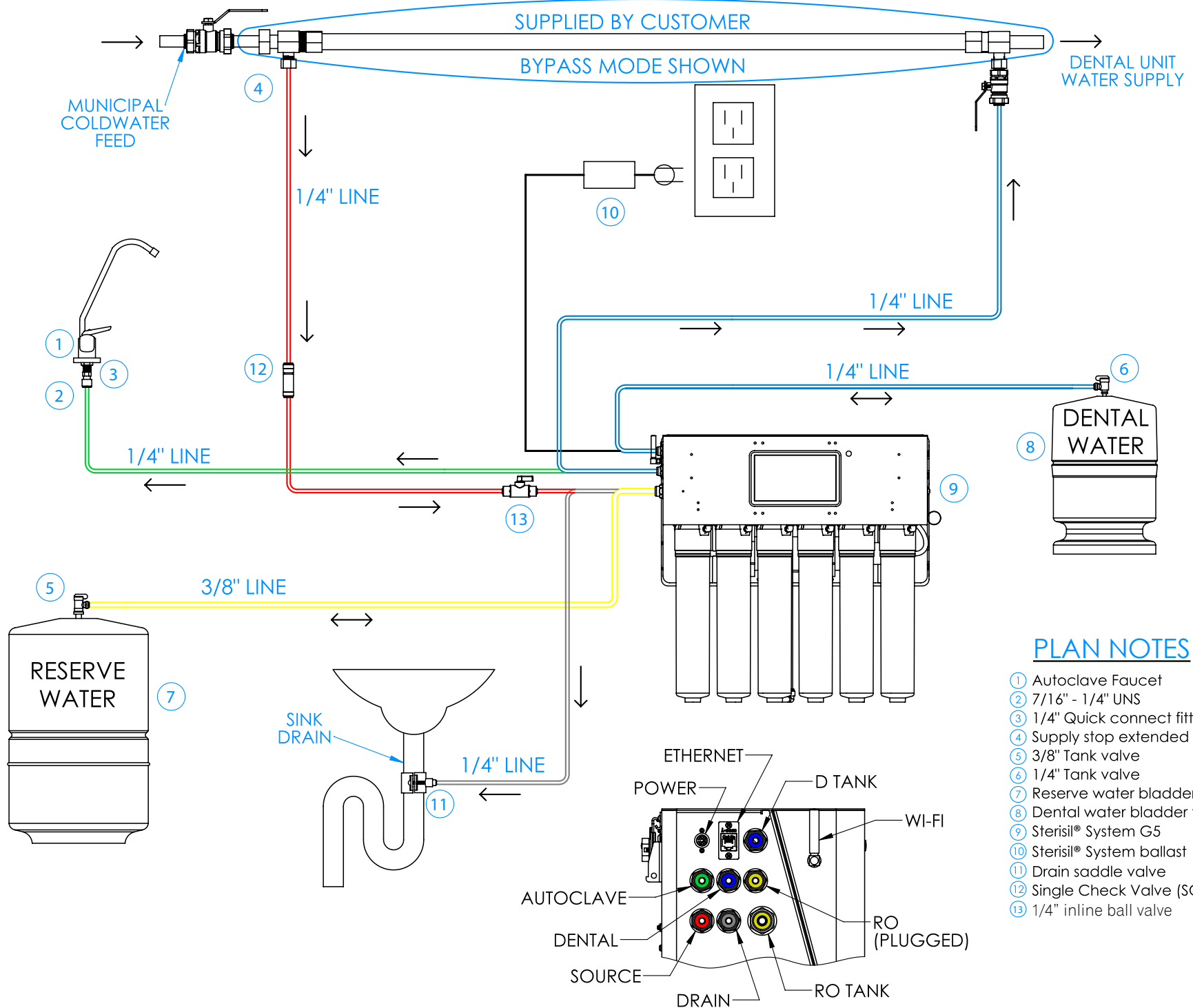## PLAN NOTES

① Autoclave/Dental Faucet
② 7/16" - 1/4" UNS
③ 1/4" Quick connect fitting
④ Supply stop extended tee
⑤ 3/8" Tank valve
⑥ 1/4" Tank valve
⑦ Reserve water bladder tank
⑧ Dental water bladder tank
⑨ Sterisil® System G5
⑩ Sterisil® System ballast
⑪ Drain saddle valve
⑫ Single Check Valve (SCV)
⑬ 1/4" inline ball valve

Direct Feed Installation

SUPPLIED BY CUSTOMER

BYPASS MODE SHOWN

DENTAL UNIT WATER SUPPLY

MUNICIPAL COLDWATER FEED

④

1/4" LINE

①

③

②

⑫

⑩

1/4" LINE

1/4" LINE

⑥

DENTAL WATER

⑧

1/4" LINE

⑨

⑬

3/8" LINE

⑤

RESERVE WATER

⑦

SINK DRAIN

1/4" LINE

⑪

ETHERNET

POWER

D TANK

WI-FI

AUTOCLAVE

DENTAL

SOURCE

DRAIN

RO TANK

RO (PLUGGED)

PLAN NOTES

① Autoclave Faucet
② 7/16" - 1/4" UNS
③ 1/4" Quick connect fitting
④ Supply stop extended tee
⑤ 3/8" Tank valve
⑥ 1/4" Tank valve
⑦ Reserve water bladder tank
⑧ Dental water bladder tank
⑨ Sterisil® System G5
⑩ Sterisil® System ballast
⑪ Drain saddle valve
⑫ Single Check Valve (SCV)
⑬ 1/4" inline ball valve

TOUCH SCREEN MONITOR

The Sterisil® System G5 has a touchscreen! With a swipe of a finger, you now are the dental water expert. You can access live diagnostics, tap to view cartridge status and alerts are provided when maintenance is due.

REMOTE MONITORING

The Sterisil® System G5 continually examines the state of your System to ensure quality and efficiency. All System readings, including Cartridge life, Cartridge performance, and water usage levels, are sent via Wi-Fi or Ethernet to a local PC for convenient monitoring. The System is equipped with audible and visual alarms providing detailed descriptions and "Next Steps" to expedite troubleshooting.

STERISIL® RECYCLING PROGRAM

Sterisil offers a free recycling program, allowing customers to recycle their used Sterisil® Cartidges by a click of a button. Simply visit **Sterisil.com/Green** or call us directly to request a free shipping label.

While other companies dispose **100%** of their used products to a landfill, Sterisil is able to recycle **91%** of our Straws and Cartridges. In addition to recycling, Sterisil contributes to a greener environment by being the only dental waterline company to offer a residual disinfectant that meets BMP compliance by not increasing the mercury output in amalgam separators.

For more information about our products contact your local dealer representative.

719 622 7200 or online at Sterisil.com

CE 0120

Sterisil, Inc.
835 S. Hwy 105 Ste. D
Palmer Lake, CO USA 80133

EC | REP

Emergo Europe
Prinsessegracht 15
2514 AP The Hague
The Netherlands

Meets Best Management Practices (BMP)

Sterisil® dental waterline "non-oxidizing" disinfectant products comply with Best Management Practices (BMPs) for Amalgam Waste. Dentists can rest assured they meet BMP Certification requirements. Other waterline disinfectants contain oxidizing compounds such as peroxide, chlorine or iodine that do not meet BMP Certification requirements. Sterisil's active ingredient is not an oxidizer, and therefore does not cause the amalgam in the separator to become water soluble as other dental waterline oxidizing products on the market dangerously do. Sterisil® dental waterline "non-oxidizing" disinfectant products contribute to the success of amalgam separators and the objective of dental clinics across the United States to comply with the EPA's "requirement for controlling the discharge of dental amalgam pollutants into Publicly Owned Treatment Works (POTWs).