

# MODEL 1000-47-C

## DENTAL WATERLINE TREATMENT SYSTEM

### Plumbing Rough-In Detail

- System is factory-built and mounted on 3/4" vinyl-coated board. (16"x24")
- System is to be installed in a centralized location if possible. (Sterilization center, lab, equipment room, hallway, etc.)
- System can be flush-mounted on a wall but should be protected from freezing, continuous exposure to direct sunlight and/or fluorescent lighting.
- System can be mounted inside cabinetry, (this is the preferred mounting method). Allow 1" minimum clearance left and right, 6" clearance top and bottom for making connections. Allow a minimum of 5-1/2" for cabinet depth to insure proper door closure.
- Mount system at a height that will allow easy access and operation of valves on top and bottom manifolds.
- A separate, dedicated 1/4" O.D. copper line must be run from system to each operator dental unit. Use ONLY 1/4" O.D. copper. Note rough-in "on-center" dimensions for tubing at the top of the system. If system is to be installed in enclosure, stub 1/4" tubing ends 2" into enclosure. Cut ends smooth and even with no burrs.
- If a cuspidor is present in an operator, a separate water line must also be run to feed the bowl portion of the cuspidor. The 1/4" O.D. copper line from the central filter system is not to be used as a source for the cuspidor "bowl" water but should be used to supply water for cup fillers.
- A standard stop/shut-off valve shall be installed at the termination of each 1/4" O.D. tubing run to each operator. (not shown)
- A standard stop/shut-off valve shall be installed on the air and water supply lines. The valves used are typically 3/8" or 1/2" sweat on one end but MUST be 3/8" compression on the outlet of each valve to accept the air and water regulator assemblies.
- After 9/01/04 all central VistaClear systems include two regulator assemblies, one drain air gap, a supply of 1/4" O.D. x 1/8" I.D. poly tubing and the proper number of VistaCheck backflow preventer check valves as shown.

NOTE: Items with solid lines on this drawing are included with the VistaClear system. Items with dashed lines are to be provided by the plumbing contractor.

NOTE: ALL VALVES SHOWN IN THE "OFF" POSITION



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