



## BRINGING A DENTAL OFFICE BACK TO LIFE

### Your Dental Office Equipment Check List

This is your service guide for reopening a dental office that has been closed for more than a month.

- Operatory J-Boxes.** Make sure all the angle stops for the air and water in the operatory J-boxes are closed.
- Equipment/Water Closet.** Do not turn on the master water switch until the filter has been replaced, if necessary – see “*Filter Replacement*” note below. PM is recommended as needed at this time.
- Equipment/Water Closet to Operatories.** Turn the ball valves to let water flow to the operatories and turn on the master water switch. There will be the sound of rushing water as the filter assembly fills, but that sound should stop as the water lines pressurize. If the sound of rushing water continues then there may be a leak upstream. Check all sinks, toilets and the angle stops at the operatories, and repair as needed.
- Air Compressor.** Before turning on the compressor, close the main valve to the operatories. Replace the air filter elements and coalescing filter elements, if necessary – see “*Filter Replacement*” note below. If a lubricated compressor is present, check the oil level and if needed add oil. PM is recommended as needed at this time.
- Air Compressor to the Operatories.** Turn on the compressor and watch it pump up to 100 PSI. At that point, the compressor should turn off. Watch the pressure gauge, as the pressure should maintain the 100 PSI. If the pressure drops, then there is a leak on the compressor itself. If the pressure does not drop, then open the valve to the operatories. There will be a slight drop on the pressure gauge as the lines to the operatories pressurize. If there is a continual drop of pressure, then there might be a leak on the lines going to the operatories or a bad angle stop valve in an operatory J-box.
- Vacuum Pumps.** Before turning on the vacuum pump, clean or replace the air filters, if necessary – see “*Filter Replacement*” note below. Replace the screen in the solid’s collector. Make sure the water is flowing to the vacuum pump and turn on the unit. With the HVE and SVE valves at the operatories closed, the vacuum gauge should read 9-11 inches of mercury. PM is recommended as needed at this time.
- Sterilizers.** Check the water level in the sterilizer, and the condition of the reservoir tank. If the water is looking dirty or cloudy, follow the manufacturer’s steps for running a cleaning cycle before returning the sterilizer to service. Run a test cycle before putting it into service to make sure you can get to and hold selected temperatures and pressures. See “*Filter Replacement*” note below, and PM is recommended as needed at this time.
- X-Ray Film-Based Processor.** If an X-Ray film-based processor is present, clean the rollers and racks. Replace the chemicals. Turn it on, and replenish the fixer and developer.
- Ultrasonic Cleaners.** Drain and clean the tank. Fill the ultrasonic cleaner tank with appropriate amount of fresh water and solution.
- Dental Chairs.** Check all electrical up, down, tilt, back and foot functions along with the auto position, and auto exit functions. Then check the chair’s mechanical operations, head rest movement, and chair arm release as well as lock functions.
- Dental Lights.** Clean the dust from the light reflectors and lenses before use.
- Dental Delivery Units - Valves.** Because valves that have not been in use for a period of time will leak, check all valves including Clippard valves and air/water valves, foot control relay valves, micro hanger valves, as well as core valves and buttons for the air/water syringe. Using a high temperature lubricant for non-silicone o-rings, lube any valve that has a stem and o-ring including purge valves, pump packaging, gate valves, butterfly valves, sanitary valves, stems and pistons. PM is recommended as needed at this time.
- Dental Delivery Units - PM.** Replace all J-Box filters and filter o-rings at this time, and replace any in-line filters that maybe present – see “*Filter Replacement*” note below. In addition, there are several settings that need to be checked but only after checking the air compressor. With the dental unit turned on, and under load, make sure the air pressure is set to 80 PSI max, and the water pressure set as follows – water bottle systems should be set to 40 PSI max, and city water set to 60 PSI max. Check for air or water leaks after replacing any filter and filter o-ring.

**Filter Replacement** – When replacing filters, check the date when the filter was last replaced. If the replacement date is not available or if the recommended replacement date is close, then replace the filter. Often times a PM Sticker is used to record the date, and placed in an obvious location on the equipment usually on or close by the filter housing.

If you need Tech Help, please contact us at (800) 221-9723 x135, Monday - Friday, 8:00 am - 4:30 pm (Pacific Time), or visit our website at [www.rpiparts.com](http://www.rpiparts.com)