MFR #: MAK-1910

INSTALLATION INSTRUCTIONS

WHAT TO KNOW BEFORE YOU START:

- Installation requires drilling three holes through the stainless steel junction box. This requires a “step drill” bit, which goes through metals such as titanium. Do not use carbide bits.

- Color Coded (YELLOW and BLUE) male quick disconnects on PRO-KLEEN™ allows the operator to match the female color coded quick disconnects on junction box.

- The YELLOW quick disconnect is for AIR, which pressurizes the PRO-KLEEN™. The BLUE male shut off quick disconnect prevents AIR or Mint-A-Kleen® from being injected until this end is inserted into the female quick disconnect on the junction box. This BLUE coded line is the route for AIR and Mint-A-Kleen® into the dental unit’s water line.

STEP 1: PREPARE FOR INSTALLATION

A. Turn dental unit OFF and shut off water and air at junction center.
STEP 2: INSTALLING THE ROUTING VALVE

A. The routing valve should be located as close as possible to the city water supply line as it transitions from the copper supply tubing to urethane tubing in the wall or floor mounted utility center.

B. Identify a suitable location for the routing valve in the Floor Mounted Utility Center and drill a ½” mounting hole.

C. Install the valve through the hole, being careful to tighten the face nut securely. The toggle must be readily accessible.

D. Locate a section of urethane water tubing as close to the copper supply tubing and valves as possible. Cut it, leaving only enough urethane tubing to reach the routing valve.

E. Connect the inlet free end of the urethane city water supply line to the rear fitting of the routing valve.

F. Connect the other free end of the waterline (leading up to the dental unit) to the center fitting of the routing valve.

G. Place the “Mint-A-Kleen” sticker next to the side of the routing valve that selects fluid from the PRO-KLEEN™.

STEP 3: MOUNTING THE QUICK DISCONNECTS (‘QD’s’)

A. Identify a suitable location for the water and air female QD’s. They must be easily reached by the operator on a daily basis, and mounted on a firm surface. The “Utility” or Junction box is an ideal location.

B. Drill a ½” mounting hole for each QD.
C. Install each QD in the drilled hole, being careful to tighten the rear nut securely.

**STEP 4: MAKING THE CONNECTIONS**

A. Tee the AIR quick-disconnect to any air line that remains pressurized during the work day.
B. Connect the WATER quick-disconnect to the fitting on the routing valve nearest the toggle.

**STEP 5: OPERATION CHECK**

A. Turn dental unit **ON** and turn on water at junction center, check for leaks.

**IMPORTANT NOTICE REGARDING WATER HEATERS:**
If a tank-type water heater is in use, the following important information must be considered. Most water heaters of this style cannot be run dry when turned on. They must shut off prior to being drained. PRO-KLEEN™ purges air through the waterlines prior to injecting Mint-A-Kleen liquid, it is important, that the water heater is turned OFF during this process.

**FAILURE TO TURN TANK-TYPE WATER HEATERS OFF DURING THE PROESS OF ADMINISTERING Mint-A-Kleen® COULD CAUSE WATER TANK ELEMENT FAILURE.**
Notice Regarding Low-Speed Handpieces:
If the dental units low-speed handpiece is dry, ensure that the handpiece tubing waterline is disconnected from the control block and the appropriate fitting is removed and replaced with the plug provided.