BEFORE YOU START:

- Installation requires drilling three holes through the Dental Unit’s stainless steel Utility Box (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 Connects on PRO-KLEEN® allows the operator to match the female color coded Quick Connects on Dental Unit’s Utility Box.
- The YELLOW Quick Connect is for AIR, which pressurizes PRO-KLEEN.
- The BLUE male shut off Quick Connect prevents AIR or Mint-A-Kleen®, dental unit waterline cleaner, from being injected until this end is inserted into the female Quick Connect on the Dental Unit’s Utility Box. This BLUE coded line is the route for AIR and Mint-A-Kleen® into the dental unit’s water line.

INSTALLATION INSTRUCTIONS

STEP 1: PREPARE FOR INSTALLATION

A. Turn dental unit OFF.
B. Turn OFF Water and Air (located at the center of Dental Unit's Utility Box).

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 “ON” sticker next to the side of the routing valve that selects fluid from PRO-KLEEN.

STEP 3: MOUNTING THE QUICK CONNECTS

A. Identify a suitable location for the Water and Air female Quick Connects. 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 Quick Connect.
C. Install each Quick Connect in the drilled hole, being careful to tighten the rear nut securely.

STEP 4: MAKING THE CONNECTIONS

A. Tee the AIR Quick Connect to any Air Line that remains pressurized during the work day.
B. Connect the WATER Quick Connect to the fitting on the routing valve nearest the toggle.

STEP 5: OPERATION CHECK

A. Turn dental unit ON.
B. Turn water ON at utility 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. Water Heaters must be shut OFF prior to being drained. As both the PRO-KLEEN and bottle systems purge air through the waterlines prior to injecting MINT-A-KLEEN liquid, it is critical that the water heater be turned OFF during this process. FAILURE TO TURN TANK TYPE WATER HEATERS OFF DURING THE PROCESS OF ADMINISTERING MINT-A-KLEEN COULD CAUSE WATER TANK ELEMENT FAILURE.

See other side of this Insert for PRO-KLEEN® INSTALLATION DIAGRAMS.
PRO-KLEEN® INSTALLATION GUIDE

PORTABLE DENTAL UNIT WATERLINE CLEANING SYSTEM

MFR #: MAK-1910

EXISTING AIR LINE

TEE

FEMALE QUICK CONNECT
(YELLOW)

AIR TO PRO-KLEEN

MINT-A-KLEEN FROM PRO-KLEEN

FEMALE QUICK CONNECT
(BLUE)

EXISTING WATER LINE TO DENTAL UNIT

WATER AUTO SHUT-OFF

SELECTOR SWITCH

WATER LINE

AIR LINE

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Notice Regarding Low-Speed Handpieces:
If the dental unit's 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.