



# INSTRUCTIONS FOR USE

DentaPure™ Microbiological Dental Unit Water Purification System

Keep Out Of Reach Of Children

## CAUTION

PLEASE SAVE THESE INSTRUCTIONS FOR FUTURE USE. Only selected information is contained on the cartridge packaging, therefore you should keep this sheet for future reference.

Active Ingredient: Iodine*	46%
Other Ingredients	54%
TOTAL	100%

Unit	DP365M	DP365B	DP40B
Iodinated Resin	38.0cc	13.0cc	4.0cc

\*Bonded to a strong base anion exchange resin

IN THE REMOTE EVENT THE CYLINDER OR CARTRIDGE IS BROKEN AND THE IODINATED RESIN PELLETS ARE EXPOSED, USE EXTREME CAUTION.

### FIRST AID:

**IF IN THE EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**IF SWALLOWED:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Have product container or label with you when calling a poison control center or doctor, or going for treatment.

### PRECAUTIONARY STATEMENTS:

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

**CAUTION:** Avoid direct contact with eyes, skin and clothing. Wear protective eyewear (goggles) and gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Safety and effectiveness in children under the age of two has not been established.

**ENVIRONMENTAL HAZARDS:** The exposed resin pellets are toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. For guidance, contact your State Water Board or regional office of the EPA.

**NOTE: USED, UNDAMAGED CARTRIDGES AND CYLINDERS ARE NOT CONSIDERED HAZARDOUS AND MAY BE WRAPPED IN NEWSPAPER AND DISPOSED OF IN THE REGULAR TRASH.**

It is a violation of federal law to use this product in any manner inconsistent with its labeling.

**DIRECTIONS FOR USE:** To obtain maximum bacteriological reduction, dental unit waterlines are to be cleaned with an approved dental unit waterline agent prior to initial installation of DentaPure™ Cartridges.

### GENERAL PRECAUTIONS

**USES:** DentaPure™ Cartridge is for use on dental unit waterlines attached to the dynamic dental instruments. Used according to labeling, this cartridge reduces bacteria from the water supplied through the instruments to a level that will meet or

exceed the current ADA recommendations for water quality having a maximum of 200 cfu/ml.

**IMPORTANT!** Use DentaPure™ Cartridge on dental unit waterlines only, not for general consumption. While the unit will perform above these limits, it is recommended that the dental unit water have a pH level of less than 8 and not have a chlorine level greater than 1 ppm. Do not use heated water. Heated water will promote the growth of bacteria and the buildup of biological film in the water line leading to the DentaPure unit. Water pressure must not exceed 45 psi. If package seal is broken or cartridge appears dry, wrap the cartridge in newspaper and dispose of it in the trash.

Once the cartridge is in place, the supply water will pass through the cartridge's iodinated resin bed, purifying the water delivered by the dental instrument. To maintain a continuous iodine presence within the dental tubing, install a new cartridge immediately after removing the used cartridge. The cartridge must be left in place during times that the dental unit is not used (weekends, vacations, etc).

Adherence to CDC/ADA guidelines for aseptic procedures including a 2 minute morning flush, a 20-30 second flush between patients, and hand piece sterilization must be continued after the installation of the cartridge. The bottle in water bottle systems must be emptied each night and the empty bottle replaced on the manifold. Prior to daily use, wash the inside of the bottle and rinse thoroughly. Wipe down the outside of the cartridge, and make sure the intake end

is not obstructed. Fill with fresh water each morning before its first use. The DentaPure™ DP40B cartridge must be changed after 40 liters of water usage, or if records of usage are not kept, after 60 calendar days of installation.

Change the cartridge if the level of iodine output falls to less than 0.5 ppm. Use Iodine sensitive test strips to verify performance. See the chart below for suggested change intervals. To change cartridge, follow installation instructions. Remove the used cartridge and install the new DentaPure™ Cartridge. Operate the dental instrument to check flow and verify that the unit is ready for use. Install a new water check-off sheet. Dispose of the old cartridge according to disposal instructions. Shut off water to dental unit when not in use.

Suggested Use Table:

DENTAPURE Unit Size	If Water Usage Records Are Kept	If Water Usage Records are NOT Kept	If Iodine Content is Monitored
DP40B	40 Liters	60 Calendar Days	Change when iodine output falls to less than 0.5 ppm
DP365M & DP365B	240 Liters	365 Calendar Days	

**STORAGE:** Store at room temperature in original packaging, away from children, pets and direct sunlight. Avoid excessive heat. Do not allow cartridge to freeze. Do not store in open or unlabeled containers.

**DISPOSAL:** Securely wrap cartridge in newspaper and discard in trash.

TROUBLESHOOTING


Slow or no water flows through cartridge—make sure new cartridge was installed properly. Make sure air supply is turned on (maximum 45 psi). Make sure cartridge is off the bottom of the bottle.

Air leak from fitting, contact your dental dealer for replacement parts.

Discoloration of the tubing from blue to green or black is normal and is not a concern.

Initial dark discoloration of water is caused by release of activated carbon. Operate water until flow appears clear.

QUESTIONS OR COMMENTS? email: [care@hu-friedy.com](mailto:care@hu-friedy.com) or call: 800-483-7433

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