

i16
(aka WS16000)
MANUAL



Quench USA Inc.
630 Allendale Road, Ste200
King of Prussia, PA 19406
(855) 558-9796 www.wellsyswater.com

i16 MANUAL

Congratulations on your choice of the ***Wellsys i16 Water Treatment System***. The ***i16*** model dispenses soft, chewable ice and ambient or hot water. The ***Wellsys i16 Water Treatment System*** provides exceptional quality and great tasting water with every use.

INTRODUCTION

Carefully read and follow all instructions to ensure proper and efficient operation of your ***Wellsys Water Treatment System***. Contact your ***Authorized Wellsys Dealer*** if you have any questions.

Wellsys and ***Authorized Wellsys Dealers*** employ trained service personnel who are experienced in the installation, function, and repair of this equipment. This publication is written for use by these qualified individuals. ***Wellsys*** encourages users to learn about products, however, we believe that product knowledge and service is best obtained by consulting your ***Authorized Wellsys Dealer***.

Wellsys Water Treatment Systems should be combined with selected water treatment components to create a system specifically tailored for each application by trained and qualified personnel.

Products manufactured and marketed by ***Wellsys*** and its affiliates are protected by patents issued or pending in the United States and other countries.

Wellsys reserves the right to change the specifications referred to in this literature at any time, without prior notice. Changes or modifications not expressly approved by ***Wellsys*** could void the warranty and user's authority to operate the equipment.

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SAFETY ALERT SYMBOLS

Read and follow all safety information carefully. The signal words used in this manual are selected as shown below and based on an assessment of the degree of potential injury or damage (severe or minor) and the occurrence of injury (occurs or has the potential to occur) when the warning is ignored:

⚠ DANGER!

Indicates a situation which, when not avoided, results in death or severe injury.

⚠ WARNING!

Indicates a situation which, when not avoided, has the potential to result in death or severe injury; and/or severe property damage.

⚠ CAUTION!

Indicates a situation which, when not avoided, results in or has the potential to result in minor injury; and/or minor property damage.

SAFETY PRECAUTIONS

Basic safety precautions should be followed, including the following:

Ensure all Local, State, and Federal Laws and Codes including health and safety guidelines are met when installing **Wellsys** Equipment. Only qualified service technicians should attempt installation and service of **Wellsys** Equipment. Always read the entire operating instructions before using the appliance and save these instructions for future use.

⚠ DANGER! *This product can cause death or severe injury if incorrectly operated, installed or maintained. The installation, maintenance, sanitizing and any repair must be performed by qualified persons trained by Wellsys International or their approved distributors only. Do not remove any panel or cover to protect against electrical shock and exposure to UV radiation.*

⚠ DANGER! ELECTRICAL SHOCK HAZARD. *Always use a dedicated and properly grounded outlet. Unit should be protected by ground-fault circuit interrupter (GFCI) or residual current device (RCD) having a rated residual operating current not exceeding 30mA. Use only Wellsys supplied power cord. Never use extension cords or power strips to connect unit. Do not use if the power supply cord is damaged. Always unplug from power supply prior to servicing.*

⚠ WARNING! AUTHORIZED USE ONLY. *This appliance is to be used for its intended purpose as described in this manual. Untrained individuals who use this manual assume the risk of any resulting property damage or personal injury. This appliance can't be used by children and persons with reduced physical, sensory, or mental capabilities or lack of experience.*

⚠ WARNING! UV-C EMITTER (UV LAMP). *This appliance contains a UV-C emitter (UV Lamp). UV-C radiation may, even in small doses, cause harm to the eyes and skin. Unintended use may result in the escape of dangerous UV-C radiation. Never operate the UV-C emitter if damaged or removed from enclosure. Do not touch or look directly into the emitter.*

- ⚠ WARNING! DO NOT OPERATE IF DAMAGED.** *Unplug and isolate water supply if abnormal conditions exist. Contact Wellsys or authorized dealer for repair, service, and installation to avoid hazards.*
- ⚠ WARNING! HOT WATER.** *Unit produces Hot Water in excess of 80°C (175°F). Water above 52°C (125°F) can cause severe burns or scalding. Keep unauthorized people and children away from the unit to avoid accidental dispensing of hot water.*
- ⚠ WARNING! CONNECT TO POTABLE WATER SUPPLY.** *This system is to be used for water only and is NOT intended for use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system.*
- ⚠ WARNING! TIP HAZARD.** *Dispenser could tip or fall causing serious injury. Always install unit on a firm, flat, and level surface and secure unit to cabinet, wall, or floor if needed. Never place heavy items on top of unit and never climb, stand, or hang on unit or storage cabinet to prevent injury and damage.*
- ⚠ WARNING! UNIT IS HEAVY. TWO PERSON LIFT REQUIRED.** *Transport unit empty and always use material handling equipment or two people with proper lifting technique to reduce injury risk.*
- ⚠ WARNING! STORE AND TRANSPORT UNIT EMPTY. ALWAYS SANITIZE BEFORE USE.** *The unit must be completely drained before storing to avoid stagnation and reduce microbiological contamination (potential bacterial growth). Always sanitize before use to eliminate any potential microbiological contaminants.*
- ⚠ CAUTION! INDOOR USE ONLY.** *Never expose to direct sunlight, heat sources, or ambient air temperature above 37°C (100°F) or below 2°C (35°F). Install indoors and keep unit away from excessive humidity. Never expose to freezing temperatures. Ensure there is adequate clearance around the unit to allow refrigeration system condenser to dissipate heat. Warmer environments require more clearance around the unit. Minimum clearance around all surfaces of the machine is 2-inches. Installs where the ambient temperature exceeds 27°C (80°F), require a minimum of 4-inches clearance for proper heat dissipation and efficient operation.*
- ⚠ CAUTION! USE A WATER PRESSURE REGULATOR.** *Wellsys will not be responsible for injury or damage caused by excessive water pressure. Input or feed pressure must be 40 psi to 60 psi. Be aware of any potential pressure surges caused by building/municipal pumping stations.*
- ⚠ CAUTION! USE UV STABILIZED SUPPLY LINES.** *Feed the unit with a potable ambient or cold-water supply only. Feed water over 37°C (100°F) can damage the treatment components. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections as possible. Immediately isolate or close water supply valve and contact service representative if leak is noticed.*

Contact Wellsys for assistance or help finding an Authorized Service Representative.

I16 FEATURES AND BENEFITS

Hot and Ambient Water and Ice

The ***i16 Water Treatment System*** comes standard with Hot and Ambient Water Selections to meet a wide range of customer demands and makes and dispenses chewable ice.

Ice Storage and Water Capacity

The ***i16 Water Treatment System*** has 1.25 liters of Hot Water and can hold up to 16.5lbs of Ice.

Large Dispense Area with Recessed Faucet

11-inch dispense height with recessed faucet to protect from cross-contamination.

Leak Prevention

i16 Water Treatment Systems are supplied with a float valve to cut off the water supply in the case of a water leak or overflow.

Hot Water Safety Function

The ***i16 Water Treatment System*** has a built in Hot Water Safety Function. To dispense hot water, the user must press the hot water selection and ***then*** press the dispense button. This prevents children and the elderly from being burned from hot water. In addition, if hot water is selected, and not used within a short period of time, the product will automatically switch back to the ambient water selection (the default selection).

ECO Mode

The ***i16 Water Treatment System*** has an Energy Saving Mode. Once the ice level is full, the unit will automatically turn on ECO mode. The ECO mode save energy by stopping the ice making operation (for a maximum of 6 hours). The machine can still be used to dispense ice and water while ECO mode is active.

UV-C LED

Two UV-C LEDs are installed in the ice bin and ice melt area. They sanitize the ice and melt water to provide more hygienic, cleaner ice.

Optional Base Cabinet

Available with an optional base cabinet to make free-standing.

Optional Hands-free Touchless Dispense Module

Available with an optional Touchless Dispense Module that uses Infrared Technology to activate dispensing functions.

CERTIFICATIONS

i16 Water Treatment Systems have been tested and certified to rigorous NSF and UL Standards. We believe that performance testing and certifications validate **Wellsys** as a world-leader in water treatment systems.

[i16 Component Certifications Include:](#)



UL399 – Certified Drinking Water Cooler

Intertek Labs (ETL) Certified the *i16 Water Treatment System* to ANSI/UL 399 Standard for Drinking Water Coolers.

UL563 – Certified Ice Makers

Intertek Labs (ETL) Certified the *i16 Water Treatment System* to ANSI/UL 399 Standard for Drinking Water Coolers.

CSA C22.2 No. 120 CSA Standard for Refrigeration Equipment



The **Wellsys i16** system is certified by IAPMO R&T against NSF/ANSI/CAN 61: Q ≤ 1, NSF-372 and CSA B483.1 for material safety, structural integrity, and lead free requirements.

U.S. Pat. No. 11,946,682 B1

Water Circulation for Ice Maker in Water Dispenser