ELKAY®

INSTALLATION MANUAL

ENHANCED SMART CONNECTED-READY RETROFIT KIT

THIS ACCESSORY IS AUTHORIZED FOR MODELS LZS8WSLP, LZS8WSSP, LZSTL8WSLP, AND LZSTL8WSSP WITH SERIAL NUMBERS BEGINNING WITH 1905 OR HIGHER.

IMPORTANT

THIS IS AN INDOOR APPLICATION ONLY. ALL SERVICE TO BE PERFORMED BY AN AUTHORIZED SERVICE PERSON.

TOOLS REQUIRED
BUT NOT PROVIDED:
GLOVES
SAFETY GLASSES
5/16 NUT DRIVER (HIGHLY RECOMMENDED)
FLAT HEAD SCREWDRIVER
T-10 TORX SCREWDRIVER
5/32 ALLEN WRENCH
1/4" NUT DRIVER

IMPORTANT! INSTALLER PLEASE NOTE.

── INSTALLER ──

To insure you install this Kit easily and correctly, PLEASE READ THESE SIMPLE INSTRUCTIONS BEFORE STARTING THE INSTALLATION. CHECK YOUR INSTALLATION FOR COMPLIANCE WITH PLUMBING, ELECTRICAL, AND OTHER APPLICABLE CODES.
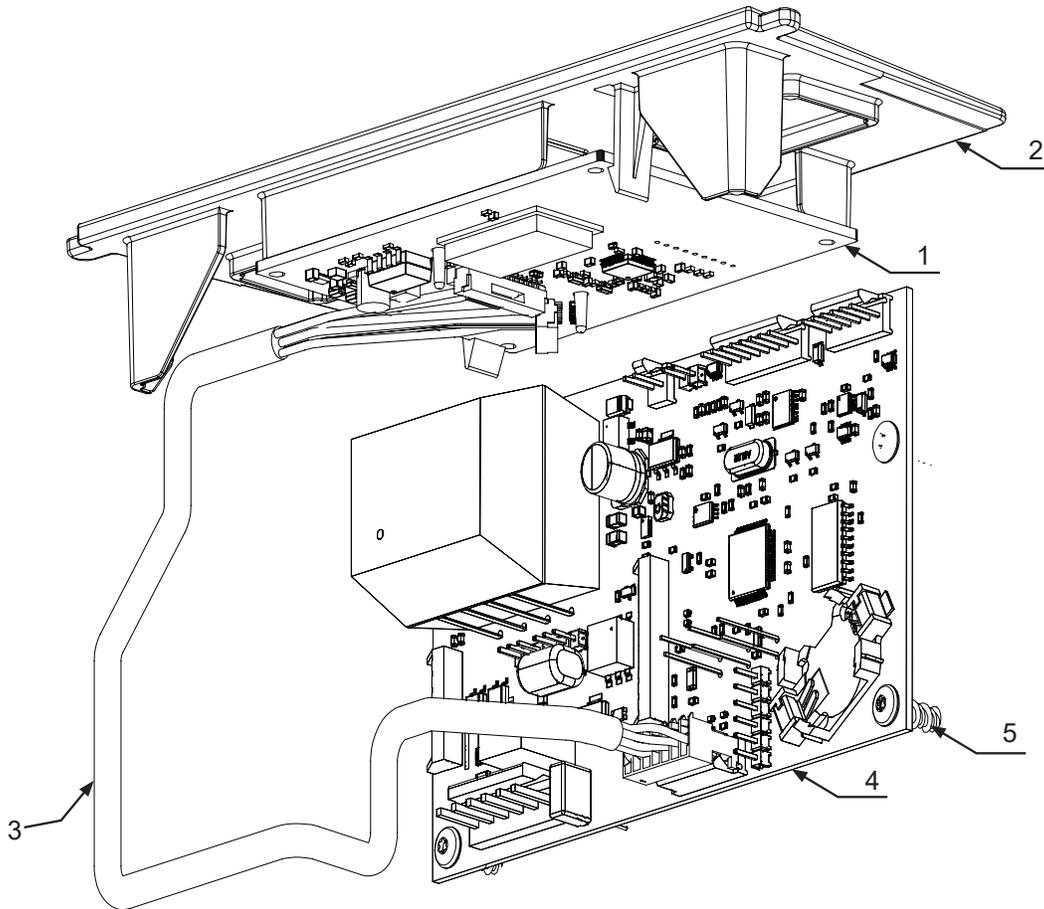
Patent zurn-elkay.com/patents

⚠**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠**ADVERTENCIA:** Cáncer y daño reproductivo - www.P65Warnings.ca.gov
⚠**AVERTISSEMENT:** Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

Kit Includes

FCC ID: 2AC8R-NFC3
IC: 12430A-NFC3, HVIN: -W1
Contains FCC ID: T9JRN2903,
IC: 6514A-RN2903
Same as factory model series: -W1

ELKAY® SMART Bottle Filling Station

Scan here to register product

To learn more:
ZURN.COM/plumbSMART
1.855.ONE.ZURN

PlumbSMART Registration ID

PARTS LIST

Item No.	Description
1	PCBA, ENDPOINT BOARD (CONNECTED READY)
2	BRACKET, ENDPOINT BOARD MOUNTING
3	ENDPOINT WIRING HARNESS
4	PCBA, MAIN CONTROL BOARD (CONNECTED READY)
5	SCREW-#8 X .50 HI-LOW 6 LOBE PAN HEAD (4 QTY)
6	LABEL, FCCID
7	plumbSMART REGISTRATION ID LABEL

Installation Procedure

1. Disconnect electrical power to the unit.

2. Turn off water supply.

3. Remove two (2) mounting screws with 5/32" Allen wrench and pull bottle filler off the wall mounting plate.

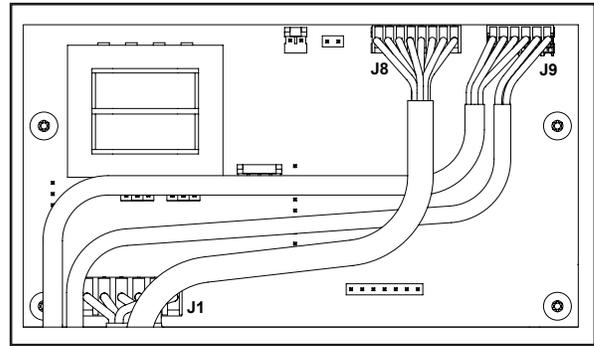*Note: Do not discard mounting screws, they will be needed to reinstall.*
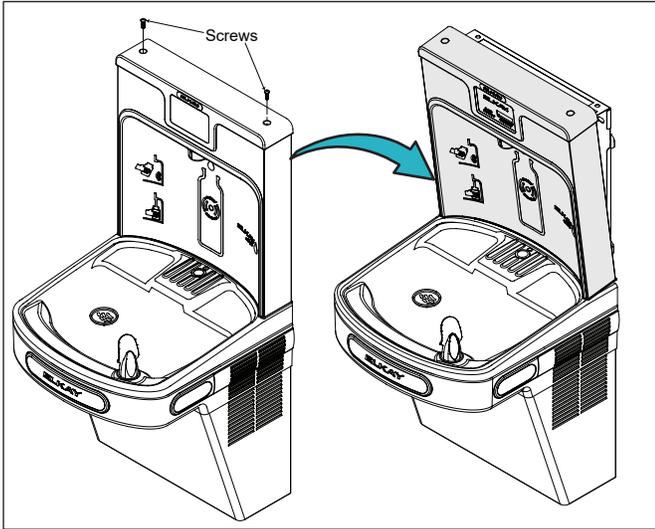
⚠ **CAUTION**   **Make sure power is disconnected prior to retrofitting.**

4. Remove (2) screws to remove Main control board cover using 1/4" nut driver.

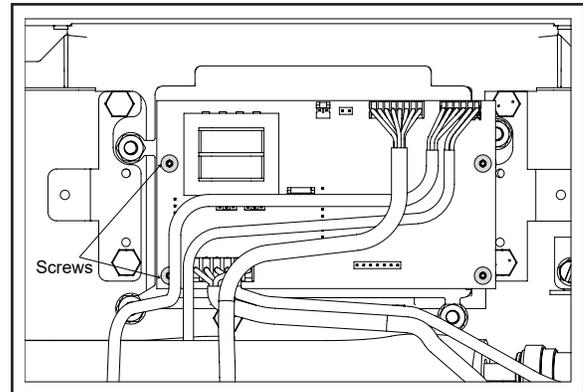*Note: Do not discard mounting screws, they will be needed to reinstall.*
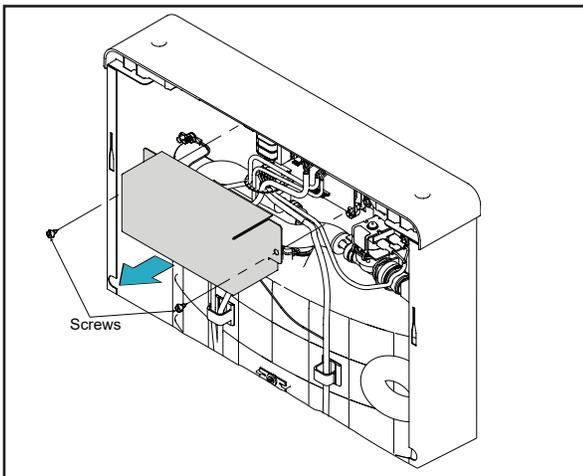
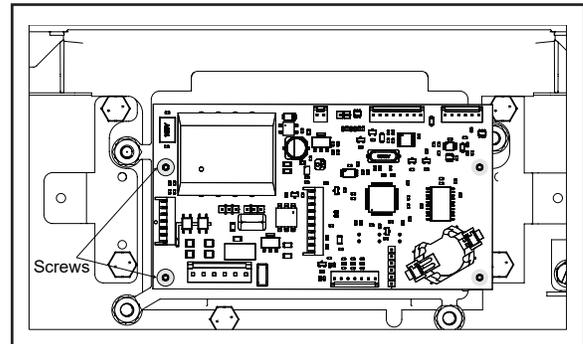5. Disconnect connection J1, J8 & J9 shown below.

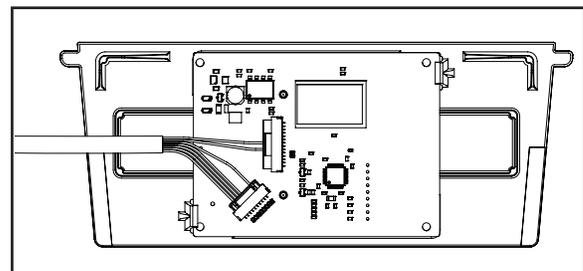6. Remove (4) T-10 Torx screws to remove control board.

Note: Do not discard mounting screws, they will be needed to reinstall.


7. Replace new connected-ready control board and refasten using (4) T-10 Torx screws.


8. Reconnect cable connections J1, J8 and J9.

9. Snap on Endpoint board to plastic bracket and attach harness as shown below.

10. If top cap stiffener piece is installed, remove by simply pulling out. Install endpoint board assembly by sliding inside using rail feature shown below. Ensure it is secured properly.
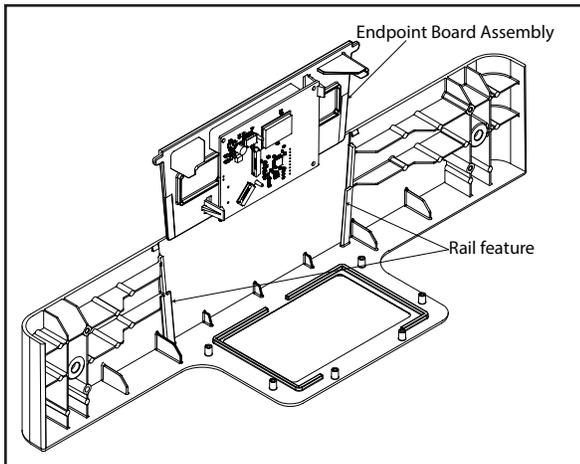
11. Connect endpoint board cable to J7 connector on the main board, as shown below.
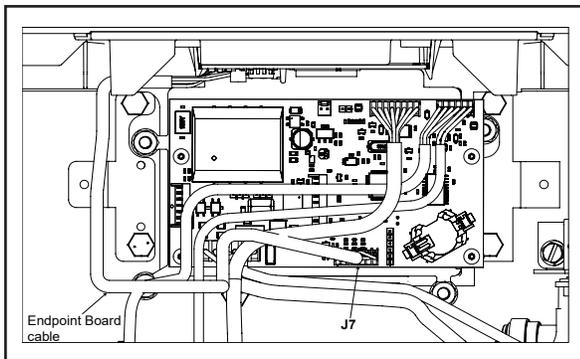
12. Replace the main control board cover. Ensure all the cable are organized to exit from the cable opening as shown and refasten the cover using (2) screws.
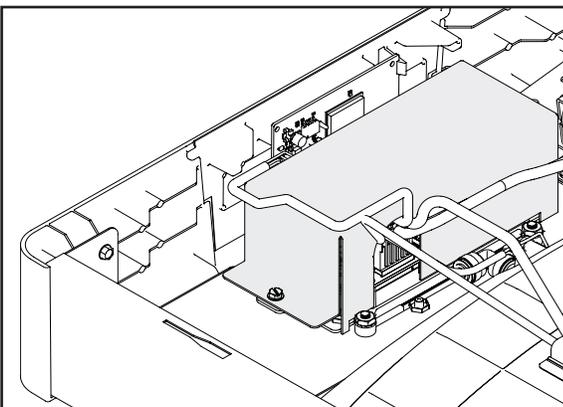
13. Apply plumbSMART registration ID label at desired location. Recommended on cover (shown below) or next to the product label underneath of basin (at step 15). Avoid any location that has the potential for vandalism / damage to registration ID information.

14. Install back bottle filler to the wall mounting plate and refasten using (2) screws making sure gasket is properly placed beneath the bottle filler.
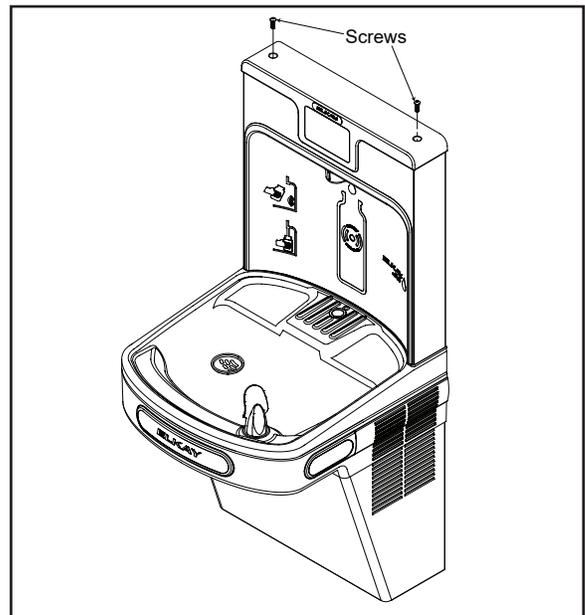
15. Apply FCC ID lable received in the kit and paste it on the product data label to overwrite existing FCC information, as shown below.
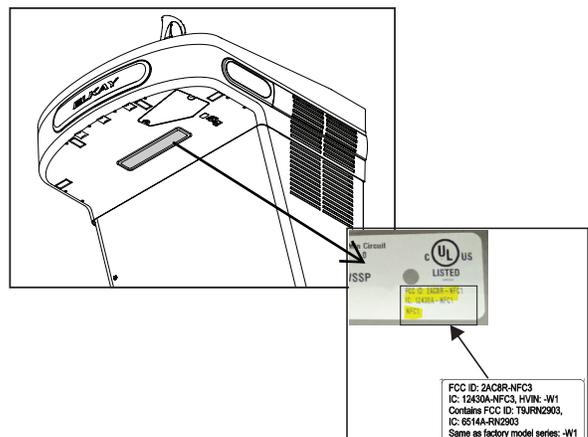
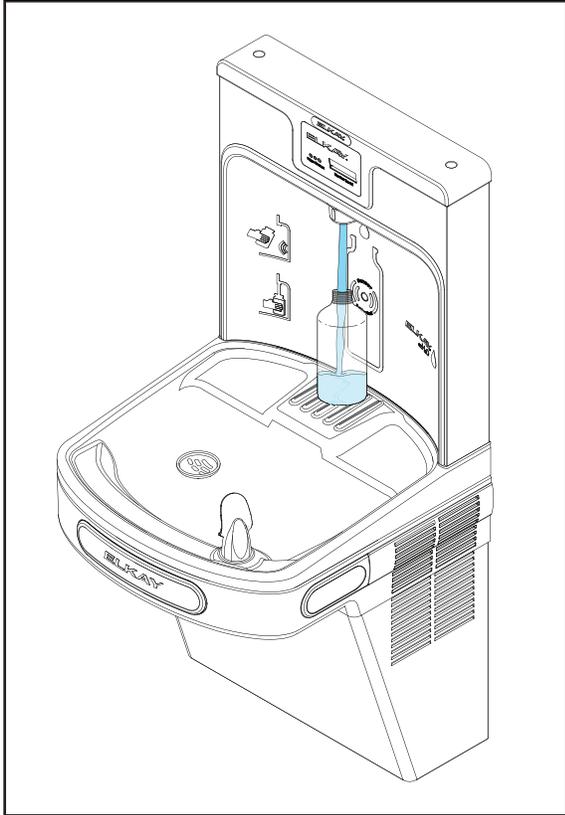16. Turn ON water supply and electrical power to the unit. Visually check for any leaks. Once power is applied to the bottle filler, the GREEN LED light should illuminate showing good filter status (if equipped with filter) along with the LCD Bottle Counter.

17. Verify proper dispensing by placing cup or any opaque object in front of sensor area and verify water dispenses and bottle count advances. If air in system causes the stream to be opaque, run until stream is clear.

Wiring Diagram

End-point board — Wire harness — 7-pin — Control Board

8-pin 6-pin

Alcove LED

4-wire

8-wire

6-pin

Solenoid Valve

2-wire, L,N AC

4-pin

IR board

Earthing

3-wire

A pair of 24-pin connectors mated

Earthing

L, AC power

N, AC power

NFC board — 4-pin — 4-wire

Reset switch

Energy save relay
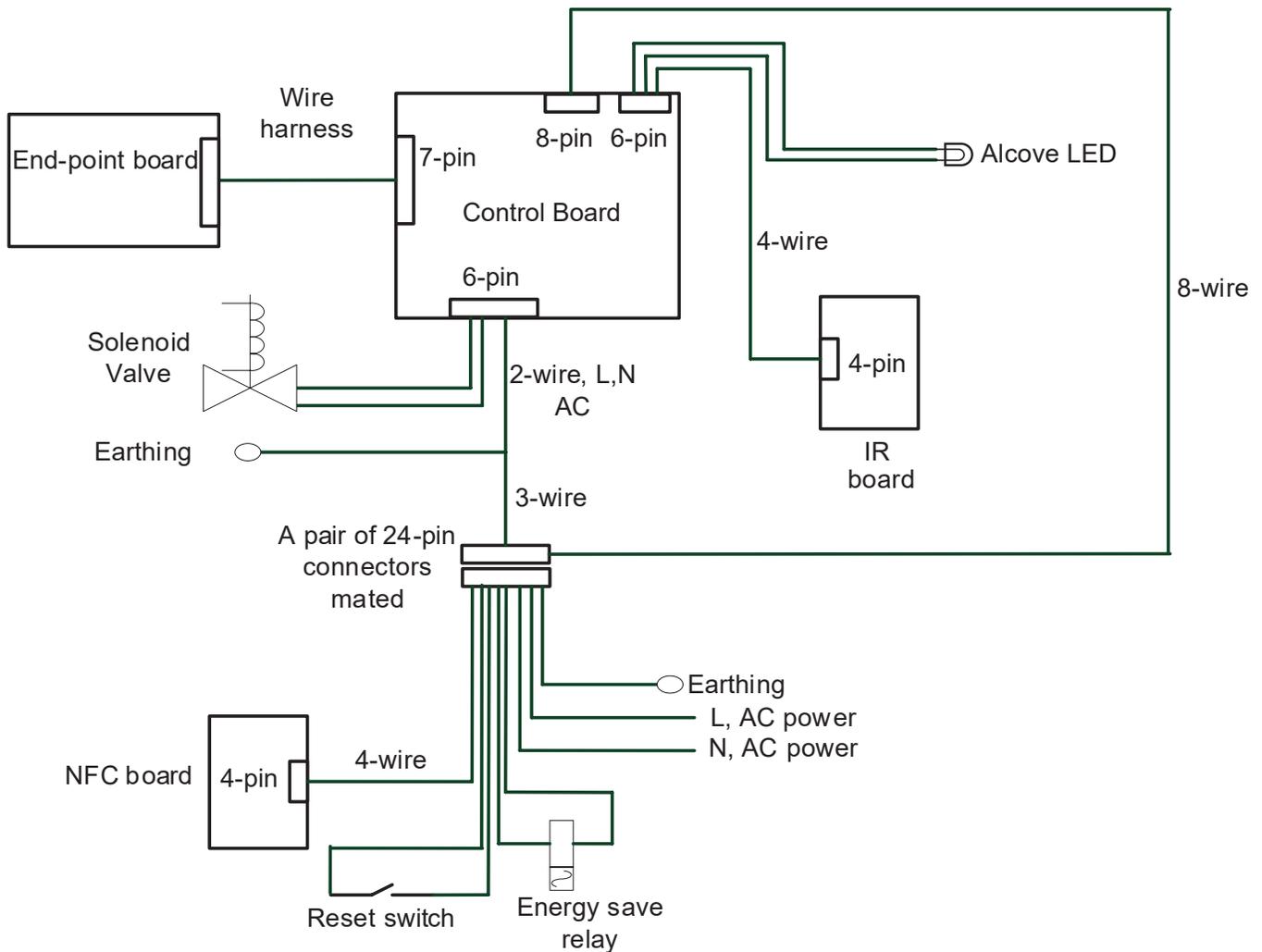
Register in plumbSMART

1. Install Zurn Gateway (required and sold separately) per the gateway instructions manual, if an existing gateway is not within communication range.
2. If you have not already set up an enterprise account and your administrator access, Zurn creates your Enterprise Account for you! (You will be required to identify your building location, number of floors, and number of rooms.) and request plumbSMART administrator account at 844-987-6737
3. Log into plumbsmart.zurn.com
4. Register each Connected product in plumbSMART (Watch How-To videos to get started. Located in the support section inside the portal.)
   Note: Refer to the plumbSMART Registration ID label provided with Retrofit Kit product.

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved could void your authority to use this equipment
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

The device shall be used in such a manner that the potential for human contact normal operation is minimized. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

INDUSTRY CANADA STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de license. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device shall be used in such a manner that the potential for human contact normal operation is minimized. This equipment complies with RSS-102 radiation exposure limits. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Le dispositif doit être utilisé de manière à minimiser le potentiel de fonctionnement normal par contact humain. Cet équipement est conforme aux limites d'exposition au rayonnement RSS-102. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps. Cet appareil et son (ses) antenne (s) ne doivent pas être co-localisés ou utilisés conjointement avec une autre antenne ou un autre émetteur.