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Indications, Contraindications, Warnings, Precautions and other Safety Information are contained in the V.A.C.® Therapy System Safety Information Sheet. This information sheet is included with the therapy unit and also included in KCI Dressing cartons. Please consult this user manual and the safety information sheet before applying V.A.C.® Therapy. If there are questions, or if this information sheet is missing, immediately contact your local KCI representative.

Additional product information can be found at www.acelity.com (USA) or www.kci-medical.com (outside the USA).

As with all prescription medical devices, failure to follow product instructions and performing therapy applications without the express direction and/or supervision of your trained clinical caregiver may lead to improper product performance and the potential for serious or fatal injury. For medical questions, please consult a healthcare provider. In case of medical emergency, immediately contact your local emergency services provider.

CAUTION: Federal law (US) restricts this device to sale or rental by or on the order of a physician.

The V.A.C.RX4™ Therapy System is not intended for home use. If there is a need to continue V.A.C.® Therapy when a patient transitions home, consider using other KCI Therapy Systems approved for the home care environment. Refer to the safety information included with those devices for important information.
Warnings and Important Information for Users

In order for KCI products to perform properly, KCI recommends the following conditions. Failure to comply with these conditions will void any applicable warranties.

1000 mL Canister and the Risk of Excessive Fluid Loss, Including Blood: Consider the size and weight of the patient, patient condition (patients with a high risk of bleeding or on patients unable to tolerate loss of fluid volume, including children or the elderly), wound type, monitoring capability and care setting when using the 1000 mL canister. Patients should be closely monitored for excessive fluid loss and dehydration, as well as frank blood in the canister. The 1000 mL canister is recommended for acute care use only.

• The V.A.C.RX4™ Therapy Unit provides four independent therapy channels that may accommodate either 500 or 1000 mL canisters. When using multiple channels on multiple wounds, DO NOT USE the 1000 mL canister for patients at high risk for excessive fluid loss.

• Use this product only in accordance with this manual and applicable product labeling.

• Keep the V.A.C.RX4™ Therapy Unit free of dust and lint as they can damage the dressing and therapy unit and affect performance.

• Assembly, operations, extensions, re-adjustments, modifications, technical maintenance or repairs must be performed by qualified personnel authorized by KCI.

• Ensure the electrical installation of the room complies with the appropriate national electrical wiring standards.

• Do not operate this product if it has a damaged power cord, power supply or plug. If these components are worn or damaged, contact KCI.

• Do not drop or insert any object into any opening or tubing of this product.

• Do not connect this product or its components to devices not recommended by KCI.

• Use only KCI dressings and disposables with this product. Refer to the safety information sheet provided with this unit and the instructions for use provided with each dressing for specific safety information, application instructions, specific therapy settings and the procedure for connection to a V.A.C.® Therapy Unit.

• Keep this product away from heated surfaces.

• Although this product conforms to the intent of the standard IEC 60601-1-2 in relation to Electromagnetic Compatibility, electrical equipment may produce interference. If interference is suspected, separate the equipment and contact KCI.

Avoid spilling fluids on any part of this product.

Fluids remaining on the electronic controls can cause corrosion that may cause the electronic components to fail. Component failures may cause the unit to operate erratically, possibly producing potential hazards to patient and staff. If spills do occur, unplug the unit immediately and clean with an absorbent cloth. Ensure there is no moisture in or near the power connection and power supply components before reconnecting power. If the product does not work properly, contact your local KCI representative.

• Do not use this product while bathing patient or where it can fall or be pulled into a tub, shower or sink.
• Do not reach for a product that has fallen into water. Unplug the unit immediately if plugged into electrical source. Disconnect the unit from dressing and contact KCI.

Additional Precautions for V.A.C.RX4™ Therapy Unit

**Single Patient Use**: V.A.C.RX4™ Therapy is not intended for use on multiple patients simultaneously as this may pose additional risks of cross contamination at the dressing site.

**1000 mL Canisters and the Risk of Excessive Fluid Loss, Including Blood**: When using multiple channels on multiple wounds, DO NOT USE the 1000 mL canister for patients at high risk for excessive fluid loss.

**Not for Home Use**: The V.A.C.RX4™ Therapy System is intended for use in acute care settings and other professional healthcare environments where product use is conducted by or under the supervision of a qualified healthcare professional.

**Not for Use with the ABTHERA™ SENSAT.R.A.C.™ Open Abdomen Dressing**: The V.A.C.RX4™ Therapy System is not intended to be used with the ABTHERA™ SENSAT.R.A.C.™ Open Abdomen Dressing as this system may pose additional risks associated with fluid loss.

**Notice** - This product has been configured from the manufacturer to meet specific voltage requirements. Refer to the product information label for specific voltage.

**Introduction**

The V.A.C.RX4™ Therapy System is a therapy unit capable of providing Negative Pressure Wound Therapy (NPWT) to multiple wounds simultaneously with individual wound channel controls and feedback. The system uses KCI disposable dressings and canisters. **It is intended to be used only in acute care settings.**

**Indications for Use**

The V.A.C.RX4™ Negative Pressure Wound Therapy (NPWT) System is an integrated wound management system for use in acute care settings and other professional healthcare environments where product use is conducted by or under the supervision of a qualified healthcare professional.

When used on open wounds, it is intended to create an environment that promotes wound healing by secondary or tertiary (delayed primary) intention by preparing the wound bed for closure, reducing edema, promoting granulation tissue formation and perfusion, and by removing exudate and infectious material. Open wound types include: chronic, acute, traumatic, subacute and dehisced wounds, partial-thickness burns, ulcers (such as diabetic, pressure or venous insufficiency), flaps and grafts.

The V.A.C.® GRANUFOAM SILVER™ Dressing is an effective barrier to bacterial penetration and may help reduce infection in the above wound types.

When used on closed surgical incisions, it is also intended to manage the environment of surgical incisions that continue to drain following sutured or stapled closure by maintaining a closed environment and removing exudates via the application of negative pressure wound therapy.
## V.A.C.RX4™ Therapy Unit Parts Identification

### Main Panel
- **Screen Lock Button**
- **Day/Night Mode Button**
- **Device Power On/Off Button**
- **Battery Charge Indicator**

### Channel Panel
- **Therapy Pressure Button**
- **Therapy Start/Pause Button**
- **Channel On/Off Button**

### Control Panels

#### Main Panel
- **Screen Lock Button**
- **Day/Night Mode Button**
- **Device Power On/Off Button**
- **Battery Charge Indicator**

#### Channel Panel
- **Therapy Pressure Button**
- **Therapy Start/Pause Button**
- **Channel On/Off Button**

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**Channel Screen**

After fifteen minutes of non-activity, channels will go into Sleep Mode and screen will be dark. To re-awaken a channel, press and hold the Channel On/Off button for two seconds.
Main Panel Control Buttons

**Screen Lock Button**
Press and release the Screen Lock button to lock the user interface to prevent accidental changing of settings. The button will toggle between locked and unlocked.

**Day/Night Mode Button**
Press and release the Day/Night Mode button to choose a bright day mode or a dimmer night mode. The button will toggle between Day Mode or Night Mode.

**Device Power On/Off Button**
Press and hold the Device Power On/Off button for two seconds to turn the unit on. The indicator will glow solid white. Press and hold the Device Power On/Off button for two seconds to turn the unit off. The indicator will turn off.

**Battery Charge Indicators**
The indicator will glow green when fully charged and while on AC power. It will glow amber while charging and on AC power.
The LEDs will show the battery charge status.

**Alarm Indicator**
The indicator will light up for alarms. See the Alerts and Alarms section of this manual (see page 26) for details on alarms and how to fix them.

**Status Indicators**
The indicator will show that Day or Night mode is selected.
The indicator will show if the user interface is locked to prevent accidental changing of settings.
Channel Panel Control Buttons

**Channel On/Off Button**
Press and hold for two seconds to turn the channel on.

**Therapy Start/Pause Button**
Press and hold for one second to start or pause therapy.

**Therapy Pressure Button**
Press to choose the therapy pressure (50mmHg - 200mmHg) in 25mmHg increments.

**Therapy Mode Button**
Press to choose the therapy mode (continuous or intermittent).

**Therapy Intensity Button**
Press to choose the therapy intensity (rate of draw down of dressing).

**Back Button**
Press to cancel the current choice and return to the previous screen. Also press to dismiss alarms. (see Alerts and Alarms page 26).

**Select Button**
Press to confirm the current choice and return to the previous screen.

**Left Scroll Button/Right Scroll Button**
Press to scroll the selection left or right. Press the Select button (see above) to confirm.

**Audio Pause Button**
Press and release to silence the audible tone during an alarm.
Preparation for Use

**Before preparing the V.A.C.RX4™ Therapy Unit for use, inspect the unit for any damage or contamination. Refer to the Care and Cleaning section (see page 41) of this manual for more information.**

**Therapy Unit Placement**

The V.A.C.RX4™ Therapy Unit may be secured during use using the front and rear tie downs (see page 8). Place the unit on a level surface where it does not cause an obstruction. Place the unit below the height of the wound and where cords and tubing cannot be caught on passing objects.

**The V.A.C.RX4™ Therapy Unit is not intended to be carried by ambulatory patients. Consult your local KCI representative for V.A.C.® Therapy Units designed for ambulatory patient use.**

**Charging the Battery**

The V.A.C.RX4™ Therapy Unit contains batteries that are charged using the power supply and cord that come with the unit. The power supply has a two-part cord; one that plugs into an AC wall outlet and one that plugs into the V.A.C.RX4™ Therapy Unit.

The batteries are not user accessible.

**WARNING: Use only the power supply provided with the V.A.C.RX4™ Therapy Unit to power the device or to recharge the battery. Using any other power supply may damage the therapy unit.**

**Power cords and tubing may present a tripping hazard. Ensure that all cords and tubing are out of areas where people may walk.**

**The V.A.C.RX4™ Therapy System may present a tripping hazard if placed on the floor. Ensure that the V.A.C.RX4™ Therapy Unit is not placed in areas where people may walk.**

**WARNING: To isolate the therapy unit from supply mains, unplug the power cord from the wall outlet.**
To charge the battery:

1. Plug the power cord into the power supply.

2. Plug the power cord into an AC power source.

3. Plug the power cord into the therapy unit as shown.

4. Keep the unit plugged in whenever possible to maximize battery life.

Battery Charge Indicators

The AC Power Indicator appears on the Main Panel when the unit is plugged in and will glow amber while unit is charging. The light will change to green when the unit is fully charged.

- **Fully Charged**
- **Charging**

*It could take up to 12 hours to fully charge the battery.*
WARNING: The battery level indicated is based on current power use. It is normal for the indicators to change as channels are turned on or off.

The battery charge status is shown on the top right of the Main Panel (see page 8). The LEDs animate while the unit is charging.

- Approximately 100% charged - five green LEDs are lit.
- Approximately 80% charged - four green LEDs are lit.
- Approximately 60% charged - three green LEDs are lit.
- Approximately 40% charged - two green LEDs are lit.
- Approximately 20% charged - one yellow LED is lit. Battery low. Charge battery soon.
- Approximately 10% charged - one flashing yellow LED is lit and an audible alarm sounds. Battery critical. Charge battery immediately.
Canister Installation

The V.A.C.RX4™ Therapy Unit can be used with KCI’s 500 mL or 1000 mL canisters.

**1000 mL Canister and the Risk of Excessive Fluid Loss, Including Blood:** Consider the size and weight of the patient, patient condition (patients with a high risk of bleeding or on patients unable to tolerate loss of fluid volume, including children or the elderly), wound type, monitoring capability and care setting when using the 1000 mL canister. Patients should be closely monitored for excessive fluid loss and dehydration, as well as frank blood in the canister. The 1000 mL canister is recommended for acute care use only.

- The V.A.C.RX4™ Therapy Unit provides four independent therapy channels that may accommodate either 500 or 1000 mL canisters. **When using multiple channels on multiple wounds, DO NOT USE the 1000 mL canister for patients at high risk for excessive fluid loss.**

Contact your local KCI representative if the seals or release buttons are damaged or missing from the therapy unit.
1. Slide a canister into any available canister cradle on the side of the V.A.C.RX4™ Therapy Unit as shown below. It does not matter which canister cradle is used.

2. Push the canister firmly into place. An audible click signals the canister is correctly installed. Do not twist or turn the canister as it is being installed. The canister should sit securely and cannot be removed except with canister release.

**Single Patient Use:** V.A.C.RX4™ Therapy is not intended for use on multiple patients simultaneously as this may pose additional risks of cross contamination at the dressing site.

3. Connect the canister tubing to the dressing tubing:
   - Push the connectors together.
   - Twist until the locking tabs are fully engaged.
4. In order to connect the correct therapy to the correct wound:

   • **Label dressings** connected to the V.A.C.RX4™ Therapy Unit with 1, 2, 3 or 4 to correspond to the appropriate channel on the therapy unit.
   
   • **Label tubing on both sides of the connector** with 1, 2, 3 or 4 to correspond to the appropriate channel on the therapy unit.
   
   • **Physically trace** the tubing from each dressing to each canister to ensure the numbers on the canister cradle, all tubing and the dressing match for each channel.
   
   • **Record** the number for each channel and the corresponding wound location in the patient records. (ex: Channel 1 = foot wound).

5. Repeat installation for all channels to be used.

6. Open all tubing clamps.

**WARNING:** Secure any excess tubing to prevent interference with patient mobility and to reduce the chance of patient lying on or becoming entangled in tubing.
Operating Instructions

Before starting therapy, ensure that:

- all dressings are in place (described in the application instructions supplied with KCI dressings);
- all canisters are installed as described in the Canister Installation section and are of appropriate volume for the patient (see warning regarding volume on page 14);
- all dressings are connected to their corresponding canister;
- all tubing is labeled on both sides of the connectors with 1, 2, 3 or 4 to correspond with the appropriate channel on the therapy unit;
- numbers on the canister cradle, all tubing and dressing match for each channel;
- patient notes reflect the number for each channel and the corresponding wound location; and
- all clamps are open.

Device Power On or Off

The Device Power On/Off button is located on the top center of the Main Panel (see page 8).

Press and hold the Device Power On/Off button for two seconds to turn the unit on or off. The button will glow when power is on. All four therapy channels will show a short diagnostic screen, then display the last settings used. After fifteen minutes of non-activity, channels will go into Sleep Mode and screen will be dark. To re-awaken a channel, press and hold the Channel On/Off button for two seconds.

Start or Configure Therapy

1. Press the Therapy Start/Pause button to start therapy with the last settings used;

   OR

2. Configure therapy for each channel as described in the following sections. All channels do not have to have the same setting. After all desired settings have been selected, press the Therapy Start/Pause button to start therapy.

   Ensure the channel being configured corresponds to the desired wound dressing.
Therapy Indicators

The Therapy Indicators on the Channel Screen indicate the status of therapy for that specific channel as shown below.

- Therapy Active
- Therapy Paused
- Therapy Inactive

Set Therapy Pressure

To select or adjust the therapy pressure setting:

1. Press the Therapy Pressure button.

2. Use the Left Scroll or Right Scroll button to select the desired therapy pressure.
   - 50mmHg - 200mmHg

3. Press the Select button to confirm the current choice and return to the previous screen.

4. Press the Back button to return to the previous screen without changing settings.
Set Therapy Mode

To select or adjust the therapy mode setting:

1. Press the Therapy Mode button.

2. Use the Left Scroll or Right Scroll button to select the desired therapy mode.
   - Continuous
   - Intermittent (5 minutes ON and 2 minutes OFF)

3. Press the Select button to confirm the current choice and return to the previous screen.

4. Press the Back button to return to the previous screen without changing settings.

If the therapy mode is Intermittent and a leak, blockage or pressure deviation is detected, therapy will automatically change to Continuous. Once the condition clears, therapy will automatically change back to Intermittent.
Set Therapy Intensity

To select or adjust the therapy intensity setting:

1. Press the Therapy Intensity button.

2. Use the Left Scroll or Right Scroll button to select the desired therapy intensity.
   - High
   - Medium
   - Low

3. Press the Select button to confirm the current choice and return to the previous screen.

4. Press the Back button to return to the previous screen without changing settings.
Therapy Unit Features

**SEAL CHECK™ Leak Detector**
The SEAL CHECK™ Leak Detector bar assists in monitoring leaks. It provides a real time visual indication of a leak while therapy is on. The length of the blue/yellow bar will reflect the leak rate.

During initial dressing draw down, the bar will begin in the yellow range then drop to blue if there are no significant leaks.

If the leak rate increases to the point of a leak alert or alarm, the bar will rise into the yellow range.

Most leaks occur:
- where the drape meets the skin
- where the tubing attaches the dressing to the drape
- at tubing connections
- when the canister is not securely connected to the therapy unit

To find and resolve the leak:
1. Ensure the connector between the dressing tubing and the canister tubing is properly locked.
2. Ensure the canister is securely installed on the therapy unit. If the canister is properly installed, the canister cannot be removed by gently pulling the canister directly away from the unit.
3. While therapy is on, apply gentle pressure and move your hand and fingers slowly around the edges of the drape, dressing and pad. The yellow bar graph will shorten when the leak is found. See the **Low Leak Rate** graphic above.
4. Refer to the application instructions provided with KCI Dressings for information on using excess material provided with the dressing to seal the leak area.
**Day/Night Mode**  
The Night Mode function can be used to dim disrupting lights from the therapy unit during nighttime therapy use.

To activate Night Mode:  
Press the **Day/Night Mode** button on the **Main Panel**.  
- The Day/Night Mode Status Indicator will glow, all buttons will be backlit and the channel screen will be at low intensity.

To activate Day Mode:  
Press the **Day/Night Mode** button on the **Main Panel**.  
- The Day/Night Mode Status Indicator will glow, all buttons will not be backlit and the channel screen will be at full intensity.

**Screen Lock Mode**  
Screen Lock can lock the user interface to prevent accidental changing of settings.

To activate Screen Lock:  
Press the **Screen Lock** button on the **Main Panel**.  
- The Screen Lock Status Indicator will show locked and all buttons except the Audio Pause on each channel will be disabled.

To deactivate Screen Lock:  
Press the **Screen Lock** button on the **Main Panel**.  
- The Screen Lock Status Indicator will show unlocked.
Dressing Disconnect

You can disconnect the therapy unit from the dressing tubing for short amounts of time for such activities such as bathing or changing a dressing or canister.

**Do not take the therapy unit into the shower or tub.**

**WARNING:** According to clinician instructions, replace KCI Dressing with alternate dressing if therapy is interrupted or off for more than two hours.

1. To disconnect from a single channel, press the Channel On/Off button for that channel,

**OR**

To disconnect from the entire therapy unit, press and hold the Device Power On/Off button for **two seconds** to turn the unit off.

2. For each dressing to be disconnected, slide all tubing clamps toward the tubing connector.

3. Close all tubing clamps.

4. To disconnect the dressing tubing from the canister tubing:
   - Push the connectors together.
   - Twist the connectors to unlock.
   - Pull the connector apart.

5. Cover the tubing ends with gauze to collect any spillage from tubing.
Changing the Canisters

The canister should be changed:

- when full (the alarm will sound and therapy will stop)
- at least once a week to control odor

**1000 mL Canister and the Risk of Excessive Fluid Loss, Including Blood:** Consider the size and weight of the patient, patient condition (patients with a high risk of bleeding or on patients unable to tolerate loss of fluid volume, including children or the elderly), wound type, monitoring capability and care setting when using the 1000 mL canister. Patients should be closely monitored for excessive fluid loss and dehydration, as well as frank blood in the canister. The 1000 mL canister is recommended for acute care use only.

- The V.A.C.RX4™ Therapy Unit provides four independent therapy channels that may accommodate either 500 or 1000 mL canisters. **When using multiple channels on multiple wounds, DO NOT USE the 1000 mL canister for patients at high risk for excessive fluid loss.**

A canister may be changed under routine conditions or under alarm conditions.

1. Pause therapy for the channel needing a canister change.
2. Close all tubing clamps.
3. Disconnect the dressing as described in the Dressing Disconnect section (see page 23).
4. Press the blue Canister Release button located on top of the therapy unit above the canister to be changed. The canister will eject but remain in the cradle.
5. Lift the canister out of the cradle.
6. Dispose of the canister according to institutional and/or local environmental regulations.
7. Install canister. Push the canister firmly into place. An audible click signals the canister is correctly installed.
8. Connect the dressing. Ensure the dressing is connected to its corresponding canister.
9. Open all tubing clamps.
10. Restart therapy.
Alerts and Alarms

When the therapy unit detects certain conditions, it will activate an alert or an alarm.

Low Priority Alert
- Requires attention.
- Indicated by solid icons and a solid yellow screen. There is no audible tone.

Medium Priority Alarm
- Requires immediate attention to ensure the prescribed therapy is being delivered.
- Indicated by a flashing icon, a solid yellow screen and a repeating audible tone.

Alarm Indicator (flashing triangle) - this indicator on the Main Panel (see page 8) will flash if any alarm condition exists. Additional information regarding each alarm will appear on the channel screen.

Service Indicator (solid triangle) - if this indicator on the Main Panel (see page 8) remains glowing and non-flashing, a technical fault has been detected. Some channels may still be used, but the unit should be returned for service as soon as possible.

The Back button may be pressed to dismiss the alert or alarm indication, but the alert or alarm will re-appear if the condition is not resolved.

If the therapy mode is Intermittent and a leak, blockage or pressure deviation is detected, therapy will automatically change to Continuous. Once the condition clears, therapy will automatically change back to Intermittent.

Audio Pause

Press and release Audio Pause button to silence the audible tone.
- The audible tone will come back on in five minutes if the alarm has not been resolved. The alarm icon will display the time remaining until audible alarm.
See the following pages for instructions on how to fix each alert or alarm.

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Battery Low Alert

This alert appears on the Main Panel when the battery level has reached 20% capacity. Capacity remaining may change if additional channels are turned on/off or if dressing leak rates change.

On the Main Panel the Battery Charge Indicator will have a single yellow, non-flashing LED. All active channels will have a yellow screen with the battery low icon.

Therapy will continue during this alert.

To resolve this alert, recharge the battery by connecting the therapy unit to a wall outlet using the power supply. The AC Power Indicator will glow amber as the battery charges. Refer to the Charging the Battery section (see page 11) for more information.
Battery Critical Alarm (Flashing/Audible)

• yellow screen
• repeating tone
• flashing icon

This alarm on the **Channel Panel** appears when the battery level has reached 10% capacity. Capacity remaining may change if additional channels are turned on/off or if dressing leak rates change.

On the **Main Panel** the Device Alarm Indicator will flash and the Battery Charge Indicator will have a single yellow, flashing LED. All active channels will have a **yellow screen** with the flashing battery low icon. The alarm is indicated by a **repeating audible tone**.

Therapy continues; however, if this alarm is not resolved the device will eventually turn off when the battery runs out of power.

**WARNING:** Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.

To resolve this alarm:
1. Press the **Back button** to dismiss the alarm screen.
2. Connect the therapy unit to a wall outlet using the power supply. The repeating audible tone will stop and the unit will begin charging. Refer to the **Charging the Battery** section (see page 11) for more information.
3. If the therapy unit is not powered on, press and hold the Device Power On/Off button for two seconds to power the therapy unit on. Press the Therapy Start/Pause button to restart therapy.

The AC Power Indicator will turn green and the Battery Charge Indicator will stop glowing amber when the battery is fully charged.
Leak Alert

This alert appears when there is a significant negative pressure. **If this alert is not resolved after 15 minutes, therapy will be interrupted.**

To resolve this alert:

1. Press the Back button to dismiss the alert screen.

2. Ensure the connector between the dressing tubing and the canister tubing is properly locked.

3. Ensure the canister is securely installed on the therapy unit. If the canister is properly installed, the canister cannot be removed by gently pulling the canister directly away from the unit.

4. Ensure therapy is on.

5. Refer to the application instructions provided with KCI Dressings for information on using excess material provided with the dressing to seal the leak area.

6. If the leak alert persists or you cannot find the leak, call your KCI representative.

**Therapy will continue during this alert. However, if this alarm is not resolved within 15 minutes, the Leak Alarm (Therapy Interrupted) will appear and therapy will stop.**

**WARNING:** Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.
Leak Alarm (Therapy Interrupted/Flashing/Audible)

This alarm screen appears when there is a significant negative pressure wound therapy leak.

Therapy will stop.

To resolve this alarm:
1. Press the Back button to dismiss the alarm screen.

2. Ensure the connector between the dressing tubing and the canister tubing is properly locked.

3. Ensure the canister is securely installed on the therapy unit. If the canister is properly installed, the canister cannot be removed by gently pulling the canister directly away from the unit.

4. Turn therapy on.

5. Refer to the application instructions provided with KCI Dressings for information on using excess material provided with the dressing to seal the leak area.

6. If the leak alarm persists or you cannot find the leak, call your KCI representative.

WARNING: Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.
Blockage Alert

This alert appears when a potential blockage is present.

Therapy will continue during this alert.

To resolve this alert:

1. Press the Back button to dismiss the alert screen.

2. Ensure the clamps between dressing tubing and canister tubing are open.

3. Ensure that the tubing is not kinked, crimped or blocked in any way.

4. If the Blockage Alert remains after completing steps 1 and 2, lower the therapy unit and tubing to level with or below the wound site. If the alert is fixed by lowering the unit, normal use may resume.
Blockage Alarm (Flashing/Audible)

This alarm appears when a blockage has been present for 15 minutes.

Therapy will continue during this alarm.

To resolve this alarm:

1. Press the Back button to dismiss the alarm screen.

2. Ensure the clamps between dressing tubing and canister tubing are open.

3. Ensure that the tubing is not kinked, crimped or blocked in any way.

4. If the Blockage Alarm remains after completing steps 2 and 3, lower the therapy unit and tubing to level with or below the wound site. If the alarm is resolved by lowering the unit, normal use may resume.

5. If the Blockage Alarm remains after completing step 4, replace the canister and tube set.

6. If the alarm condition cannot be resolved, contact KCI.
Canister Full Alarm (Therapy Interrupted/Flashing/Audible)

- repeating tone
- yellow screen
- flashing icon

This alarm screen appears when the canister is full and must be replaced.

**Therapy will stop.**

**The alarm screen will show if the full canister is on the left or right side of the unit.**

To resolve this alarm:

1. Press the Back button to dismiss the alarm screen.
2. Check if the canister is full by comparing the level of fluid to the graduated marks on the canister.

**A full canister is approximately 500 mL or 1000 mL depending on which canister is installed.**

3. If the canister is full, change the canister as described in the Changing the Canisters section (see page 24).
4. If the canister is not full and the alarm continues, replace the canister.
5. After the canister is changed, press and hold the Channel On/Off button for two seconds to turn on the channel. Press the Play/Pause button to restart therapy.

**WARNING: Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.**

To avoid a false alarm, keep the therapy unit as upright as possible.
Canister Not Engaged Alarm (Therapy Interrupted/Flashing/Audible)

- repeating tone
- yellow screen
- flashing icon

This alarm appears when the canister is not fully seated and/or not properly latched.

**Therapy will stop.**

**The alarm screen will show if the loose canister is on the left or right side of the unit.**

To resolve this alarm:

1. Press the Back button to dismiss the alarm screen.
2. Press the Canister Release button to remove the canister (see page 8).
3. Inspect the canister and therapy unit to ensure no foreign objects or debris interfere with the canister and therapy unit’s mating surfaces.
4. Ensure seals are present and seated. If seals are missing or damaged, contact your KCI representative.
5. Re-install the canister and ensure that it is fully engaged and latched. An audible click should be heard when the canister is properly installed.
6. Press the Channel On/Off button for two seconds to turn the channel on, then press the Therapy Start/Pause button to restart therapy.
7. If the alarm continues, repeat steps 1-6 with a new canister. Otherwise, if the alarm condition cannot be resolved, contact your KCI representative.

**WARNING:** Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.
Therapy Inactive Alarm (Therapy Interrupted/Flashing/Audible)

This alarm appears when therapy has been off for 15 minutes without a channel button being pressed.

Therapy will stop.

Therapy could be off for the following reasons:
- therapy was started then paused
- the therapy was interrupted by an alarm

To resolve this alarm:
1. Press the Back button to return to the previous screen.
2. Restart therapy by pressing the Therapy Start/Pause button.
3. If V.A.C.* Therapy is not desired, turn off the channel by pressing the Channel On/Off button.

WARNING: Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.

Orientation Alarm (Flashing/Audible)

This alarm appears when the therapy unit detects that it is improperly oriented.

To resolve this alarm, reposition the unit to ensure it is sitting on a horizontal surface.

Therapy will continue during this alarm.
System Error Alarm (Therapy Interrupted/Flashing/Audible)

- repeating tone
- yellow screen
- flashing icon

This alarm appears when there is a technical fault within the therapy unit. If therapy is active at the time of the alarm, therapy will stop. If the alarm is only on a specific channel, then that channel will stop. If the alarm is on the device, then all channels will stop.

To resolve this alarm on a single channel:
1. Press and hold the Channel On/Off button for two seconds to turn the channel off.
2. Wait 15 seconds and then press and hold the Channel On/Off button for two seconds to turn the channel on.

To resolve this alarm on the therapy unit:
1. Press and hold the Device Power On/Off button for two seconds to turn the unit off and stop therapy.
2. Wait 15 seconds and then press and hold the Device Power On/Off button for two seconds to turn the unit on.
3. If this alarm persists after restarting the unit, call your local KCI representative.

**WARNING:** Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.
Pressure Deviation Alert

This alert appears when wound pressure is more than 25 mmHg outside of the target pressure for five minutes. If this alert is not resolved after 15 minutes, the Pressure Deviation Alarm will appear.

Therapy will continue during this alert.

To resolve this alert:
1. Ensure the clamps between dressing tubing and canister tubing are open.
2. Ensure that the tubing is not kinked, crimped or blocked in any way.
3. If the alert remains after completing steps 1 and 2, lower the therapy unit and tubing to level with or below the wound site.
4. If the alert is resolved, normal use may resume. If this alert cannot be resolved call your local KCI representative.
Pressure Deviation Alarm (Flashing/Audible)

This alarm appears if the wound pressure remains more than 25 mmHg outside the target pressure for an additional 15 minutes after the Pressure Deviation Alert appears. This indicates an unusual pressure condition that is not identified as a Leak Alarm or Blockage Alarm.

Therapy will continue during this alarm.

To resolve this alarm:
1. Ensure the clamps between dressing tubing and canister tubing are open.
2. Ensure that the tubing is not kinked, crimped or blocked in any way.
3. If the alarm remains after completing steps 1 and 2, lower the therapy unit and tubing to level with or below the wound site.
4. If the Pressure Deviation Alarm remains after completing step 3, replace the canister and tubing set.
5. If the alarm is resolved, normal use may resume. If this alarm cannot be resolved call your local KCI representative.

Battery Temperature Alarm (Flashing/Audible)

This alarm appears when the battery temperature is too high. The battery will not charge even if plugged into an AC power source.

Therapy will continue during this alarm until the battery runs out of power.

To resolve this alarm:
1. Press the Back button to dismiss the alarm screen.
2. Move the therapy unit to cooler location.
Internal Temperature Alarm (Flashing/Audible)

- repeating tone
- yellow screen
- flashing icon

This alarm screen appears when the internal temperature of the therapy unit is too high or too low.

Therapy will continue during this alarm.

To resolve this alarm:
1. Press the Back button to dismiss the alarm screen.
2. Move the therapy unit to an appropriate environment.

WARNING: Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.
Care and Cleaning

The following are the KCI recommended cleaning and infection control procedures for the V.A.C.RX4™ Therapy Unit.

Standard Precautions

Always follow Standard Precautions.

Standard Precautions are designed to reduce the risk of transmission of microorganisms from both known and unknown sources of infection. These precautions can be applied to all patients, regardless of their diagnosis or presumed infection status, and should be used when contact is anticipated with blood and all body fluids. This also includes secretions and excretions (except sweat) regardless of whether blood is visible or not, non-intact skin (i.e., open wounds) and mucous membranes.

Waste Disposal

Discard all disposable items (all tubing, connectors, clamps, used canisters, used dressings, etc.) in accordance with local medical waste disposal regulations. Improper disposal may run the risk of regulatory non-compliance.

Cleaning and Disinfection of the V.A.C.RX4™ Therapy Unit

Follow institutional procedures used for cleaning and disinfection of other hard surface durable electronic medical equipment. The V.A.C.RX4™ Therapy Unit must be cleaned and disinfected:

• if it becomes soiled during patient use
• at least weekly
• in between patients

Ensure that the V.A.C.RX4™ Therapy Unit and its power supply are not connected to AC power when using cleaning fluids of any nature.

KCI recommends the following regarding cleaning and disinfecting KCI V.A.C.® Therapy devices:

• To help reduce risk of infection and contact with blood and body fluids, use personal protective equipment (PPE) such as medical procedure gloves.
• Clean all organic material (visible soil or body secretions) from the therapy unit prior to disinfection.
• Use hospital-grade cleaners and disinfectants. Do not immerse or saturate the therapy unit with fluids to avoid damage to the electronics in the device.
• Do not use alcohol-based solutions around the control panel edges or near gaskets and power switches since alcohol based solutions may wick up into small gaps and may cause equipment malfunction.
Cleaning the V.A.C.RX4™ Therapy Unit Control Panels

1. Press the Screen Lock button on the Main Panel to lock the screen.

   The Screen Lock button will show whether the user interface is locked to prevent accidental changing of settings.

2. Use a soft, non-abrasive cloth to gently clean the screen.

   Do not use any liquids directly on the control panels.

   Do not use excessive force to clean the control panels. Pressing too hard may damage the panels.

3. To unlock the control panels, press the Screen Lock button.

Use of the V.A.C.RX4™ Therapy System During Diagnostic Procedures

Use the chart below to determine whether therapy can continue during specific procedures.

<table>
<thead>
<tr>
<th>Diagnostic Procedures</th>
<th>Therapy Unit Compatible</th>
<th>Therapy Unit NOT Compatible</th>
<th>Dressing Compatible</th>
<th>Dressing NOT Compatible</th>
</tr>
</thead>
<tbody>
<tr>
<td>MRI</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HBO</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>X-Ray</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cat Scan (CT)</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dye Tests</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluoroscopy</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ultrasound</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Magnetic Resonance Imaging (MRI), remove the therapy unit. The dressing can remain in place.
- Hyperbaric Oxygen Therapy (HBO), remove the therapy unit and dressing.

Review the safety information sheet for important information about these diagnostic procedures.

**WARNING:** Certain KCI Dressings must be replaced with an alternate dressing if therapy is interrupted or off for more than two hours. See the Safety Information Sheet provided with the individual dressing for further information.

If the area needing imaging is under the foam dressing, there is a possibility of shadow casting. The V.A.C.® GRANUFOAM™ Bridge Dressing contains additional synthetic materials which may pose a risk during HBO Therapy. Other V.A.C.® Dressings are compatible with all imaging modalities. The decision whether or not to keep the V.A.C.® Dressing in place should be made by the radiologist, radiology technician and/or the wound care practitioner.
Explanation of Symbols Used

⚠️ Warning or Caution of possible hazard to system, patient or staff

⚠️ Important Operational Information

.splitext

跻身 Hazard

No Bathing or Showering

MR Unsafe

Direct Current

Manufacturer

Temperature Limitations

Positive Polarity

SN Serial Number

This product is designated for separate collection at an appropriate collection point. Do not dispose of as household waste.

IPX1 Protection level against ingress liquids

Class II

Type BF Applied Part

Keep Dry

CAUTION: Federal (US) law restricts this device to sale/rental by on the order of a physician.

REF / REF Catalog Number

Humidity Limitations
Electromagnetic Compatibility (EMC)

The following are guidance and manufacturer’s declarations regarding EMC for the V.A.C.RX4™ Therapy Unit.

- The V.A.C.RX4™ Therapy Unit needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in the following pages.

This equipment is intended for use by healthcare professionals only. As with all electrical medical equipment, this equipment may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take mitigation measures such as re-orienting or relocating the V.A.C.RX4™ Therapy Unit or shielding the location.

NOTE: The emissions characteristics of this equipment make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential environment (for which CISPR 11 class B is normally required) this equipment might not offer adequate protection to radio-frequency communication services.

- Portable and Mobile RF communications equipment, RFID readers, electronic article surveillance (anti-theft) equipment and metal detectors can affect the performance of the V.A.C.RX4™ Therapy Unit. Please use the guidelines and recommendations specified in Tables 3 and 4.

- Other medical equipment or systems can produce electromagnetic emissions and therefore can interfere with the functionality of the V.A.C.RX4™ Therapy Unit. Care should be used when operating the V.A.C.RX4™ Therapy Unit adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the V.A.C.RX4™ Therapy Unit and the other equipment should initially be observed to verify normal operation in the configuration in which it will be used.

- The electrical cables, external power supplies and accessories listed or referenced in this manual have been shown to comply with the test requirements listed in the following tables. Care should be taken to use only manufacturer-recommended cables, power supplies and accessories with the V.A.C.RX4™ Therapy Unit. If a third-party supplier offers cables, external power supplies and electrical accessories for use with the V.A.C.RX4™ Therapy Unit and they are not listed or referenced in this manual, it is the responsibility of that third-party supplier to determine compliance with the standards and tests in the following tables.

- The use of electrical cables and accessories other than those specified in this manual or referenced documents may result in increased electromagnetic emissions from the V.A.C.RX4™ Therapy Unit or decreased electromagnetic immunity of the V.A.C.RX4™ Therapy Unit.
### Table 1

**Guidance and Manufacturer’s Declaration – Electromagnetic Emissions**

The V.A.C.RX4™ Therapy Unit is intended for use in the electromagnetic environment specified below. The customer or the end user of the V.A.C.RX4™ Therapy Unit should assure that it is used in such an environment.

<table>
<thead>
<tr>
<th>Emissions test</th>
<th>Compliance</th>
<th>Electromagnetic environment - Guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF Emissions - CISPR 11 (Radiated &amp; Conducted)</td>
<td>Group 1</td>
<td>The V.A.C.RX4™ Therapy Unit uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.</td>
</tr>
<tr>
<td>RF Emissions - CISPR 11 (Radiated &amp; Conducted)</td>
<td>Class A</td>
<td>The V.A.C.RX4™ Therapy Unit is suitable for use in all establishments other than domestic, and may be used in domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.</td>
</tr>
<tr>
<td>Harmonic Emissions IEC 61000-3-2</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td>Voltage fluctuations/Flicker Emissions IEC 61000-3-3</td>
<td>Complies</td>
<td></td>
</tr>
</tbody>
</table>

### Table 2

**Guidance and Manufacturer’s Declaration – Electromagnetic Immunity**

The V.A.C.RX4™ Therapy Unit is intended for use in the electromagnetic environment specified below. The customer or the end user of the V.A.C.RX4™ Therapy Unit should assure it is used in such an environment.

<table>
<thead>
<tr>
<th>Immunity Test</th>
<th>IEC 60601 Test Level</th>
<th>Compliance Level</th>
<th>Electromagnetic Environment - Guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrostatic Discharge (ESD) IEC 61000-4-2</td>
<td>± 6kV contact ± 8kV air</td>
<td>± 8kV contact ± 15kV air</td>
<td>Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.</td>
</tr>
<tr>
<td>Electrical fast transient/burst IEC 61000-4-4</td>
<td>± 2kV for power supply lines ± 1kV for input/output lines</td>
<td>± 2kV for power supply lines 100kHz repetition frequency ± 1kV for input/output lines 100kHz repetition frequency</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>Surge IEC 61000-4-5</td>
<td>± 1kV line(s) to line(s) ± 2kV line(s) to earth</td>
<td>± 1kV line(s) to line(s) ± 2kV line(s) to earth</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11</td>
<td>&lt;5% Ut (&gt;95% dip in Ut) for 0.5 cycle 40% Ut (60% dip in Ut) for 5 cycles 70% Ut (30% dip in Ut) for 25 cycles &lt;5% Ut (&gt;95% dip in Ut) for 5 seconds</td>
<td>Dips: 0% Ut for 1 cycle 70% Ut for 25 cycles at 50Hz or 30 cycles at 60Hz Single phase: at 0˚ Interruptions: 0% Ut for 250 cycles at 50Hz or 300 cycles at 60Hz</td>
<td>Product has internal battery backup. Mains power quality should be that of a typical commercial or hospital environment. If the user of the V.A.C.RX4™ Therapy Unit requires continued operation during power mains interruptions, it is recommended that the V.A.C.RX4™ Therapy Unit be powered from an uninterruptible power supply or a battery.</td>
</tr>
<tr>
<td>Power frequency (50/60Hz) magnetic field IEC 61000-4-8</td>
<td>3 A/m</td>
<td>30 A/m 50Hz or 60Hz</td>
<td>Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.</td>
</tr>
</tbody>
</table>

**NOTE:** Ut is the AC mains voltage prior to application of the test level.
The V.A.C.RX4™ Therapy Unit is intended for use in the electromagnetic environment specified below. The customer or the end user of the unit should assure it is used in such an environment.

<table>
<thead>
<tr>
<th>Immunity Test</th>
<th>IEC 60601 Test Level</th>
<th>Compliance Level</th>
<th>Electromagnetic Environment Guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conducted RF</td>
<td>IEC 61000-4-6</td>
<td>3Vrms 150kHz to 80MHz</td>
<td>Portable and mobile RF communications equipment should be used no closer to any part of the V.A.C.RX4™ Therapy Unit, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = 1.2\sqrt{P}$ 80MHz to 800 MHz $d = 2.3\sqrt{P}$ 800MHz to 2.5GHz where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m).</td>
</tr>
<tr>
<td>Radiated RF</td>
<td>IEC 61000-4-3</td>
<td>3V/m 80MHz to 2.5GHz</td>
<td>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol:</td>
</tr>
</tbody>
</table>

NOTE 1: At 80MHz and 800MHz, the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from objects, structures and people.

*Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the V.A.C.RX4™ Therapy Unit is used exceeds the applicable RF compliance level above, the V.A.C.RX4™ Therapy Unit should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the V.A.C.RX4™ Therapy Unit.

*aOver the frequency range 150kHz to 80MHz, field strengths should be less than 3V/m. Portable and mobile RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30cm (12 inches) to any part of the V.A.C.RX4™ Therapy Unit including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result. More precisely, the minimum recommended separation distance should be calculated from the equation applicable to the frequency of the transmitter.

NOTE 3: This equipment has been tested and found to comply with the limits for medical devices to IEC 60601-1-2: 2014 4th edition. These limits and test levels are intended to provide reasonable safety with regard to electromagnetic disturbances when the device is used in a typical medical installation.
Table 4

Recommended separation distances between portable and mobile RF communications equipment and the V.A.C.RX4™ Therapy Unit

The V.A.C.RX4™ Therapy Unit is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the V.A.C.RX4™ Therapy Unit can help prevent electromagnetic interference by maintaining a minimum distance between the portable and mobile RF communications equipment (transmitters) and the V.A.C.RX4™ Therapy Unit as recommended below, according to the maximum output power of the communications equipment.

<table>
<thead>
<tr>
<th>Rated maximum output power of transmitter in watts (W)</th>
<th>Separation distance according to frequency of transmitter in meters (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>150kHz to 800MHz</td>
</tr>
<tr>
<td></td>
<td>$d = 1.2\sqrt{P}$</td>
</tr>
<tr>
<td>0.01</td>
<td>.12</td>
</tr>
<tr>
<td>0.1</td>
<td>.38</td>
</tr>
<tr>
<td>1</td>
<td>1.2</td>
</tr>
<tr>
<td>10</td>
<td>3.8</td>
</tr>
<tr>
<td>100</td>
<td>12</td>
</tr>
</tbody>
</table>

For transmitters rated at a maximum output power not listed above, the recommended separation distance $d$ in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where $P$ is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

**NOTE 1:** At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

**NOTE 2:** These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Included Power Supplies

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Manufacturer</th>
<th>Maximum Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>44001492</td>
<td>Power Supply, 15 VDC 150W V.A.C.RX4™ Unit</td>
<td>Inventus Power</td>
<td>3.00 m</td>
</tr>
<tr>
<td>413628</td>
<td>Cord, V.A.C.® Power, US</td>
<td>Consolidated Wire</td>
<td>2.08 m</td>
</tr>
<tr>
<td>413625</td>
<td>Cord, V.A.C.® Power, UK - 240V</td>
<td>Consolidated Wire</td>
<td>2.08 m</td>
</tr>
<tr>
<td>413626</td>
<td>Cord, V.A.C.® Power, EU - 240V</td>
<td>Consolidated Wire</td>
<td>2.08 m</td>
</tr>
<tr>
<td>413627</td>
<td>Cord, V.A.C.® Power, AU/NZ - 240V</td>
<td>Consolidated Wire</td>
<td>2.08 m</td>
</tr>
<tr>
<td>413992</td>
<td>Cord, V.A.C.® Power, CH - 240V</td>
<td>Consolidated Wire</td>
<td>2.08 m</td>
</tr>
<tr>
<td>414961</td>
<td>Cord, V.A.C.® Power, ZA - 240V</td>
<td>Consolidated Wire</td>
<td>2.08 m</td>
</tr>
</tbody>
</table>

**WARNING:** The use of electrical cables and accessories other than those specified in the supplied instructions for use or referenced documents may result in increased electromagnetic emissions from the V.A.C.RX4™ Therapy Unit or decreased electromagnetic immunity of the V.A.C.RX4™ Therapy Unit.
Specifications

Specifications subject to change without notice.

Dimensions without canisters: ...................................................11 in W x 10.5 in H x 14 in D (28 x 27 x 36 cm)
Weight (without canisters): .................................................................about 16 lb (about 7.3 kg)
Pressure: ..........................................................................................-50 to -200 mmHg (-6.7 to -26.7 kPa)
Therapy Delivery Modes: .................................................................Continuous, Intermittent
Canister Volume: .................................................................................................500 mL or 1000 mL

Electrical:
Battery Run Life: .............................................................about eight hours, depending on settings
Battery Charge Time: .................................................................about 12 hours from a fully discharged state
External Power Supply Input: ...............................................................100-240 VAC, 2A, 50-60 Hz
External Power Supply Output: ..............................................................15 V, 10 A
Patient and Enclosure Leakage Current: ..............................................<100 Microamps

Environmental Conditions:
Storage Conditions
Temperature Range: ..........................................................0°F (-18°C) to 140°F (60°C)
Relative Humidity Range: ..............................................................15-90% non-condensing

Operating Conditions
Temperature Range: ..........................................................57°F (14°C) to 95°F (35°C)
Relative Humidity Range: ..............................................................20 - 80% non-condensing
Atmospheric Pressure: ..............................................................1060hpa to 700hpa
Altitude Range: ..........................................................up to 9842 ft (3000m)

IEC Classification
Medical Equipment
Equipment not suitable for use in presence of flammable anesthetic mixture with air, oxygen or nitrous oxide.
Type BF, Applied Part
Class II
IPX1 = Protection against vertically falling water drops.
The dressing components of the V.A.C.® Therapy System are considered Applied Parts under IEC 60601-1.

Customer Contact Information

For questions regarding this product, supplies, maintenance, or additional information about KCI products and services, please contact KCI or a KCI authorized representative, or:

In the US call 1-800-275-4524 or visit www.acelity.com.
Outside the US visit www.kci-medical.com.