

OWNER'S MANUAL  
CORETECH COMPRESSION SYSTEM  
SKU: RHB3003



NEED ASSISTANCE? CALL US AT 1-800-487-3808

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# CORETECH COMPRESSION SYSTEM

## INDICATIONS FOR USE

The Coretech Compression System RHB3003 is a sequential compression device which is intended for treatment of patients with the following conditions:

- Lymphedema
- Venous stasis ulcers
- Venous insufficiency
- Peripheral edema

The device is safe for both home and hospital use.

## CONTRAINDICATIONS

Pneumatic compression **IS NOT** recommended for use in patients with the following conditions:

- Infections in the limb, including cellulitis without appropriate antibiotic coverage
- Presence of lymphangiosarcoma
- Deep Vein Thrombosis (DVT)
- Inflammatory phlebitis or episodes of pulmonary embolism
- Congestive Heart Failure (CHF)
- Any local conditions in which garments would interfere, including: Untreated wounds, infected wounds, gangrene, recent skin graft, or dermatitis.

## OVERVIEW & DESCRIPTION OF SYMBOLS



It is important that you read all the warnings and precautions included in this manual. They are intended to keep you safe, prevent injury, and avoid situations that could damage the device.

Coretech symbols adhere to the *ISO15223-1* 2021 International Standard.

	<b>NOTE:</b> Refer to the accompanying documents for more information regarding the system's use or description.
	Type BF - Applied Part
	<b>Dangerous Voltage – Electrical Shock Hazard</b> Disconnect Line Cord before servicing. Refer servicing to a qualified service representative.
	Class II Equipment
<b>IP21</b>	Protected against solid foreign objects of 12.5mm Ø and greater. Protection against vertically falling water drops.
	Serial Number
	Prescription Use Only
	Model/Catalog Number
	Manufacturer
	Waste Electrical Goods Recycled

## SIDE EFFECTS

- Feeling of discomfort when the pressure of the sleeve is too strong
- Redness, itching, or discomfort

## BEFORE FIRST USE

Before use, turn the pump over and open the air filter to remove the pump screw.

\*\*This screw secures the internal pump to the case to prevent shifting and shaking during shipment. Failure to remove this screw will result in a loud internal noise during use. \*\*



## WHAT'S INCLUDED

- 1x Pump
- 2x Sleeve Extenders (4")
- 1x Adapter
- 2x Sleeves
- 2x Hose Sets

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## INITIAL SET UP

1. Connect the air hoses to the sleeves. Follow the color-coded nozzles for proper connection. There is one gray connector and the rest are black.

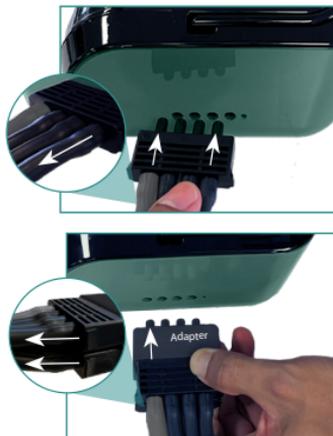
The gray connector is attached at the bottom of the sleeve, nearest to the foot. The black connectors are placed in the remaining 3 connection points.



## CONNECTING SLEEVES

Connecting the sleeves is the same for both leg and arm garments of either 4 or 8 chambers.

- **For 1 Sleeve** - connect the sleeve directly to the pump as pictured
- **For 2 Sleeves** - connect each sleeve into the provided adapter, then connect the adapter directly into the pump



**CAUTION:** The power supply cord or garment tubing could pose a risk of strangulation.

## OPERATING THE DEVICE



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### **Plug in the power supply to a wall outlet**

#### **Power Button**

- Press once to turn on the device.
- When the pump is on and unlocked, press and hold for 3 seconds to turn it off.

#### **Lock Function**

- Automatically locks all settings after 20 seconds of inactivity.
- To manually set: Press and hold the lock button for 3 seconds until you hear an audible “Beep” and see the button illuminate blue.
- To unlock: Press and hold the lock button for 3 seconds.

#### **Start/Pause Button**

Starts or pauses the compression cycle.

#### **Decrease / Increase Pressure**

Adjusts pressure in 5mmHg increments, ranging from 20mmHg to 80mmHg.

#### **Time Selection**

Choose treatment times of 30, 45, or 60 minutes

#### **Chamber Selector**

Activate or deactivate specific chambers for tailored treatment needs. Selected chambers will illuminate, while deselected ones will remain off.

## LEG - SLEEVES TREATMENT MODES (2 MODES)

A. One chamber inflates from the feet to the thighs, as one chamber inflates the other deflates.



B. One chamber inflates at a time from the feet to the thighs but they remain inflated through the cycle.



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### USING THE SLEEVES EXTENDERS

Extenders are used to widen the size range of the sleeves for legs that need more circumference. This helps accommodate varying leg sizes comfortably. Ensure the extenders are attached with the wider part at the top. Use the zipper slider and insertion pin from the extenders to securely attach them to the main cuff.



### CLEANING AND MAINTENANCE

Strict adherence to these daily maintenance requirements is essential to ensure optimal operation and to guarantee the product's long-term performance and safety.

#### CLEANING AND CARING

##### For the Device:

- Clean the device with a soft, slightly damp cloth. For heavier dirt, a mild detergent can also be used.
- Avoid exposing the device to moisture or damp conditions. Do not run it under water or submerge it in liquids.
- Keep the device away from direct sunlight and heat.

### For the Garments:

- Carefully clean the surface of the garments with a damp cloth, ensuring they are detached from the main unit.
- Each user should use their own set of garments for hygiene purposes.
- Avoid using chemical cleaners or abrasive agents.
- Avoid exposing the device to moisture or damp conditions. Do not run it under water or submerge it in liquids.

## MAINTENANCE

If garments are damaged, repair may not be easy. It is important to handle them with care by following these best practices:

Avoid placing the machine and garments near sharp objects such as knives, needles, scissors, etc.

Store in a dry place.

**Do not** machine wash your garments; clean them gently with a towel.

Avoid storing the equipment in low temperatures as it may be damaged due to frost.

When storing for extended periods, keep the equipment in its original box.

Ensure the equipment is installed in a location where the disconnect device is easily accessible for safety and quick emergency operation.

Keep the device away from direct sunlight and heat. Be aware of environmental factors that could impact performance, such as lint, dust, and excessive light exposure.

Avoid placing the device near sources of heat (e.g., fireplaces, radiant heaters) or moisture (e.g., nebulizers, steam kettles).

Unauthorized modification of the equipment may result in potential dangers

### **Storage, Transportation and Operating Environment:**

10°C-40°C, 30%-85%RH 70kPa-106kPa

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## COMMON MALFUNCTIONS AND SOLUTIONS

COMMON MALFUNCTIONS	CHECK AND CONFIRM
The Device does not start	Ensure the plug is securely connected to the power source.
	Ensure the device is powered on
	Verify the power supply is within normal range (110V)
	Ensure the device did not automatically turned off when the treatment time setting was completed as in normal operations
Leaks or Unexpected Sounds	Inspect the connection pipe and connectors for any damage
	Ensure the connector is securely connected to the machine
	Check if the connecting tube is pressed or bent

## STORAGE

Do not make any sharp kinks in the connect hoses or garments. After use, pull the garments in the original package. Do not expose the device to direct sunlight and protect it against dirt and moisture. Store the machine in a cool, well-ventilated place. Never place any heavy objects on the machine.

## DISPOSAL

At the end of the product lifecycle, do not throw this product into the normal household garbage, but bring it to a collection point for the recycling of electronic equipment.

Waste Electrical and Electronic Equipment can have potentially harmful effects on the environment. Incorrect disposal can cause harmful toxins to build up in the air, water, and soil and can be harmful to human health. You have an obligation to dispose of the device correctly. Consult your municipal authority or your dealer for information about disposal.

## IMPORTANT INFORMATION REGARDING ELECTRO MAGNETIC COMPATIBILITY (EMC)

1. This product needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile RF communications equipment.
2. Do not use a mobile phone or other devices that emit electromagnetic fields, near the unit. This may result in incorrect operation of the unit.
3. Caution: This unit has been thoroughly tested and inspected to assure proper performance and operation!
4. Caution: this machine should not be used adjacent to or stacked with other equipment and that if adjacent or stacked use is necessary, this machine should be observed to verify normal operation in the configuration in which it will be used

## WARRANTY & SERVICE INFORMATION

Vive Health LLC warrants its Coretech Compression System Sequential Compression Devices (excluding garments, and individually each a "Device") to be free from defects in workmanship and materials for a period of three (3) years from the date the Device is delivered to the original purchaser ("Warranty Period").

Vive Health warrants the garments for the Devices to be free from defects in workmanship and materials for a period of one (1) year from the date the garments are delivered to the original purchaser.

This Limited Warranty is extended only to the original purchaser and is non-transferable. Vive Health's sole obligation under this Limited Warranty shall be, at its sole discretion, to repair or replace a Device that is defective in either workmanship or material. This is the sole remedy available to the purchaser.

Additionally, this Limited Warranty does not cover any Device that:

- Has been damaged in transit.
- Has been subject to misuse, neglect, or accidental damage.
- Has been used in violation of Vive Health's instructions, including, without limitation, the guidelines outlined in the Operating Instructions for Use Guide.

## LIMITATIONS OF LIABILITY

THERE ARE NO WARRANTIES BEYOND THOSE EXPRESSLY STATED HEREIN.

TO THE EXTENT PERMITTED BY LAW, VIVE HEALTH **DISCLAIMS ALL IMPLIED WARRANTIES**, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF **MERCHANTABILITY** AND **FITNESS FOR A PARTICULAR PURPOSE**, WHETHER OR NOT THE PRODUCT OR DEVICE IS COVERED BY AN EXPRESS WARRANTY.

IN NO EVENT SHALL VIVE HEALTH BE LIABLE FOR ANY **SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES**, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR **LOSS OF PROFITS, LOSS OF USE, OR LOSS OF TIME INCURRED BY THE PURCHASER OR END USER.**

VIVE HEALTH SHALL ALSO NOT BE LIABLE FOR ANY **EXEMPLARY OR PUNITIVE DAMAGES.**

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### GUIDANCE AND MANUFACTURE'S DECLARATION - ELECTROMAGNETIC EMISSION

The DEVICE is intended for use in the electromagnetic environment specified below. The customer of the user of the DEVICE should assure that it is used in such an environment.

EMISSION TEST	COMPLIANCE	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
RF emissions CISPR 11	Group 1	The DEVICE use 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.
RF emission CISPR 11	Class B	The DEVICE is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used fluctuations/ for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	

## GUIDANCE AND MANUFACTURE'S DECLARATION – ELECTROMAGNETIC IMMUNITY

The DEVICE is intended for use in the electromagnetic environment specified below. The customer or the user of DEVICE should assure that it is used in such an environment.

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±15 kV air	±8 kV contact ±15 kV air	Floors should be wood, concrete or ceramic tile. If floor are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/ burst IEC 61000-4-4	±2 kV for power supply lines	±2kV for power supply lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1 kV line(s) to line(s)	±1 kV differential mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5% UT (>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 <5% UT (>95% dip in UT) for 5 sec	<5% UT (>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 <5% UT (>95% dip in UT) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the DEVICE requires continued operation during power mains interruptions, it is recommended that the DEVICE be powered from an uninterruptible power supply or a battery.

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**GUIDANCE AND MANUFACTURE'S DECLARATION – ELECTROMAGNETIC IMMUNITY**

The DEVICE is intended for use in the electromagnetic environment specified below. The customer or the user of DEVICE should assure that it is used in such an environment.

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
Power frequency (50Hz/60Hz) magnetic field IEC 61000-4-8	10V/m	10V/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

NOTE UT is the a.c. mains voltage prior to application of the test level.

## GUIDANCE AND MANUFACTURE'S DECLARATION – ELECTROMAGNETIC IMMUNITY

The device is intended for use in the electromagnetic environment specified below. The customer or the user of device should assure that it is used in such an environment.

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
Radiated RF IEC 61000-4-3	10V/m & table 9	10V/m & table 9	<p>Portable and mobile RF communications equipment should be used no closer to any part of the Device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance</p> <p style="text-align: center;"><b>d = 1.167 √P</b>    80 MHz to 800 MHz <b>d = 2.333√P</b>    800 MHz to 2.5 GHz</p> <p>Where <b>P</b> 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 metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,<sup>a</sup> should be less than the compliance level in each frequency range.<sup>b</sup></p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:  </p>

NOTE 1 At 80 MHz and 800 MHz, 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.

<sup>a</sup> 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.

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If the measured field strength in the location in which the Device is used exceeds the applicable RF compliance level above, the Device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the Device.

<sup>b</sup> Over the frequency range 150 kHz to 80 MHz, field strengths should be less than [V] V/m.

## GUIDANCE AND MANUFACTURE'S DECLARATION – ELECTROMAGNETIC IMMUNITY

TEST FREQUENCY (MHZ)	BAND <sup>a)</sup> (MHZ)	SERVICE <sup>a)</sup>	MODULATION <sup>b)</sup>	MAXIMUM POWER (W)	DISTANCE (m)	IMMUNITY TEST LEVEL (V/m)
385	380-390	TETRA 400	Pulse modulation <sup>b)</sup> 18Hz	1.8	0.3	27
450	430-470	GMRS 460, FRS 460	FM c) $\pm 5$ kHz deviation 1kHz sine	2	0.3	8
710	704-787	LTE Band 13, 17	Pulse modulation <sup>b)</sup> 217Hz	0.2	0.3	9
745						
780						
810	800-960	GSM800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation <sup>b)</sup> 18Hz	2	0.3	28
870						
930						
1720	1700-1990	GSM1800; CDMA 1900; GSM 1900; DECT; LTE Band 1,3, 4,25; UMTS	Pulse modulation <sup>b)</sup> 217Hz	2	0.3	28
1845						
1970						
2450	2400- 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation <sup>b)</sup> 217Hz	2	0.3	28

## GUIDANCE AND MANUFACTURE'S DECLARATION – ELECTROMAGNETIC IMMUNITY

TEST FREQUENCY (MHZ)	BAND <sup>a)</sup> (MHZ)	SERVICE <sup>a)</sup>	MODULATION <sup>b)</sup>	MAXIMUM POWER (W)	DISTANCE (m)	IMMUNITY TEST LEVEL (V/m)
5240	5100-5800	WLAN 802.11 a/n	Pulse modulation <sup>b)</sup> 217Hz	2	0.3	9
5500						
5785						
<p>NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.</p> <p>a) For some services, only the uplink frequencies are included.            b) The carrier shall be modulated using a 50 % duty cycle square wave signal.            c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.</p>						



THIS DEVICE IS FOR PRESCRIPTION USE ONLY

FOR ASSISTANCE, IF NEEDED, IN SETTING  
UP, USING OR MAINTAINING THE  
EQUIPMENT OR TO REPORT UNEXPECTED  
OPERATION OR EVENTS:

**Call:** 1-800-487-3808

**Visit:** [coretechortho.com](http://coretechortho.com) or [vivehealth.com](http://vivehealth.com)

**Email:** [service@vivehealth.com](mailto:service@vivehealth.com)

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