



Polar Care Wave®



Polar Care Wave combines motorized cold therapy with active compression in a simple and compact system, making it ideal for facility and home use. Polar Care Wave is easily transported from the hospital, physical therapy clinic or athletic training room to the patient's home, extending the benefits of cold and compression.

Polar Care Wave is designed to reduce pain and edema to optimize patient recovery. Motorized cold therapy and compression devices, like Polar Care Wave, have also been shown to decrease narcotic use post-operatively.¹ United States Federal Law restricts this device to sale by or on the order of a medical professional.

Intended Use

The Polar Care Wave System is intended to treat post-surgical and acute injuries to reduce edema, swelling, and pain where cold and compression are indicated. It is intended to be used by or on the order of licensed healthcare professionals in hospitals, outpatient clinics, athletic training settings, or home settings.

Features and Benefits

Simple

- Single patient use facility-to-home unit
- Remarkably easy to operate
- No additional barrier needed
- Ice bag accessory available for an easier way to refill system

Customizable

- Varied levels of cold + compression settings
- Y-adapter for bilateral usage
- Multiple pad configurations

Convenient

- Compact design facilitates transport
- System alone and system/pad combos available

- Hose-management storage system
- Whisper quiet pump technology encourages rest and recovery

Proven

- High-quality Breg Cold Compression Pads
- Class II 510(k) clearance

Category: Devices.

Operation Details

Adjustable compression therapy settings: Regular, Low and Off

Regular = 50 mmHg average peak compression

Low = 25 mmHg average peak compression

Adjustable cold therapy settings: Regular, Low and Off

Colder ≥ 45°F average operating temperature of the pad

Cold ≥ 50°F average operating temperature of the pad

Part Numbers

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Part #	Description
100577-000	Polar Care Wave
Combo Units:	
100578-000	Polar Care Wave Combo Cold Compression Knee
100579-000	Polar Care Wave Combo Cold Compression Shoulder
100580-000	Polar Care Wave Combo Cold Compression Universal
Pads:	
C00016	Breg Cold Compression Pad, Universal
C00017	Breg Cold Compression Knee Pad
C00003	Breg Cold Compression Knee Pad, Large
C00004	Breg Cold Compression Shoulder Pad
C00020	Breg Cold Compression Back Pad
C00005	Breg Cold Compression Foot/Ankle Pad
C00013	Breg Cold Compression Hip Pad
Accessories:	
100576-000	PC Wave Knee Y Adapter
100582-000	Breg Ice Bags (kit of 4)
C00015	Breg Carrying Bag
100584-000	PC Wave Replacement Power Supply

Pad Dimensions

Cold Therapy Pads

Type	Minimum Circumference	Maximum Circumference	Dimension	Strap Length	Application Video
Standard Knee	8" (20 cm)	27" (69 cm)	16" x 12" (41 cm x 30 cm)	11" (28 cm)	Knee Pad
Large Knee	16" (41 cm) thigh	30.5" (77 cm) thigh	16" x 17.5" (41 cm x 44 cm)	14.5" and 11.5" (37 cm & 29 cm)	Knee Pad
Shoulder	40" (101 cm) shoulder 12" (30 cm) bicep	50" (127 cm) shoulder 20" (51 cm) bicep	15" x 13" (38 cm x 33 cm)	34" (86 cm) shoulder 9.5" (24 cm) bicep	Shoulder Pad
Foot/Ankle	9" (23 cm) ankle 7" (18 cm) foot	16" (41 cm) ankle 12" (30 cm) foot	17" x 12" (43 cm x 30 cm)	N/A	Foot/Ankle
Back	32.5" (82 cm) waist	53" (135 cm) waist	13.5" x 14.5" (34 cm x 37 cm)	21" (53 cm) on each side	Back Pad
Hip	33" (83 cm) waist 8" (20 cm) thigh	53" (135 cm) waist 31" (79 cm) thigh	16" x 12" (41 cm x 30 cm)	20" (51 cm) each (2 straps) 25" (63 cm)	Hip Pad
Universal	8" (20 cm) at the knee 31" (79 cm) at the chest/shoulder	47" (119 cm) for the thigh strap 49" (125 cm) chest/shoulder 20" (51 cm) bicep/calf strap	13" x 12.5" (33 cm x 32 cm)	41", 39" & 9" (104 cm, 99 cm & 23 cm)	Universal Shoulder Universal Knee

Instructions for Use (IFU)

- [Instructions for Use \(English, Spanish and French\)](#)
- [Instructions for Use \(International\)](#)
- [Polar Care Wave Ice Bag Insert - Instructions for Use](#)
- [Polar Care Wave Ice Bag - Instructions for Use](#)
- [Polar Care Wave Y Adaptor - Instructions for Use](#)

Resources

Resources

- [Cold and Compression in the Management of Musculoskeletal Injuries and Orthopedic Procedures](#)
- [Efficacy of Combined Cryotherapy and Compression Compared with Cryotherapy Alone](#)
- [Cryotherapy with Dynamic Intermittent Compression for Analgesia](#)
- [Cryotherapy with Dynamic Intermittent Compression Improves Recovery from Revision Total Knee Arthroplasty](#)
- [Cryocompression Therapy after Elective Arthroplasty of the Hip](#)
- [Techniques in Knee Reconstruction](#)

Previous Revisions of Instructions for Use

AW-1.03418 REV A - Polar Care Wave

AW-1.03418 REV B - Polar Care Wave

AW-1.03418 REV C - Polar Care Wave

AW-1.04509 REV A INTL - Polar Care Wave

AW-1.04509 REV C - Polar Care Wave

AW-1.03435 REV A - Polar Care Wave Y Adapter

AW-1.03438 REV A - Polar Care Wave Ice Bag

AW-1.03438 REV B - Polar Care Wave Ice Bag