

MOTION *Heat*™

Heated Glove Liners

MOTION *Heat* Rechargeable Heated Glove Liners are designed in Calgary, Canada. Their original conception was for cyclists to extend their riding season into the cold months. Canadian winters are no joke, and cycling in the winter is typically only for the bold. But over the last several years, the reach of MOTION *Heat* has spread beyond our expectations. They have been widely adopted by outdoor workers ranging from police officers to construction workers to those who work in the tough oil fields. These heated gloves have also found their way into the medical sector providing comfort and relief to those suffering from pain in the hands caused by diseases like Raynaud's and arthritis.

Our heated glove liners have proven effective in battling the cold of Canadian winters throughout various environments. Yet Motionheat heated liners can provide soft comforting warmth to those with poor circulation in their hands. If you are looking for a source of heat to keep your fingers flexible and warm, MOTION *Heat* has proven quality and performance for any situation. And with a one-year warranty and no-hassle exchange policy, they are the best-heated glove available.



Why Conquer The Cold With MOTIONHEAT?



Temperature Control

There are three levels of power settings built into the MOTIONHeat system. The HIGH setting will get things warming up quickly within seconds. The MEDIUM setting will keep the gloves nice and toasty. The LOW setting maintains the temperature and saves battery life.

The liners have been created with a breathable polyester-spandex blend. This allows the liners to form fit offering better heat transfer to the skin, warming hands quickly.



12 Volt Power Source

Our gloves are the hottest gloves on the market for the extremes of wintertime. If it can handle a Canadian winter, it can conquer any winter! Most heated gloves on the market run on lower voltage batteries. These typically have a short run time and can tend to put out little heat.

MotionHeat Batteries plug into various other 12V systems with the appropriate adapter.



Versatile Design for Custom Arrangements

The MOTION *Heat* glove liners are engineered with various usage and user arrangements in mind. Each heated glove liner has an inner pocket large enough to house the battery comfortably.

Those who need less weight and bulk on their hands can use the included StickMan extension wire to run the batteries from different places like a jacket or pants.

MOTION *Heat*™

Product Specifications

The MOTION *Heat* glove liners are our best-selling heated product. The Standard Complete Set comes with a pair of Heated Glove Liners, two 12V MotionPack battery packs, a charger, and a StickMan extension wire. The gloves have internal pockets to house each battery in the wrist of the glove. The following run time chart is based on our Standard Complete Set.



High
~**3Hr.**



Medium
~**5Hr.**



Low
~**9Hr.**

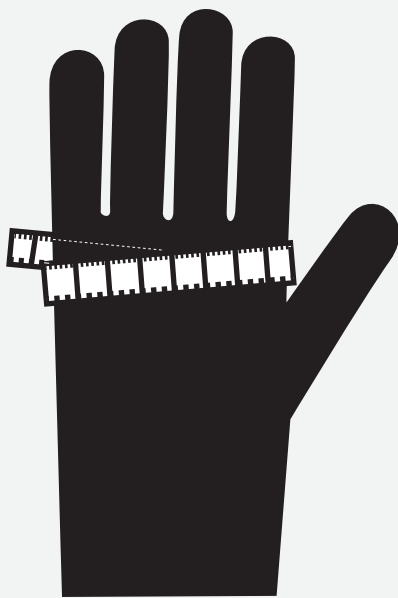
What Size Should I Get?

MOTION *Heat*™ Sizing Chart

Size	Centimeters	Inches
X-Small	16 - 18 cm	6-7"
Small	18 - 21cm	7-8"
Medium	21 - 23cm	8-9"
Large	23 - 25cm	9-10"
X-Large	25 - 28cm	10-11"

If your size falls between two size categories, we recommend going to the smaller size for optimal fitting. For Example: If you Measure 23 cm then the Medium will fit better than the Large.

If you are not comfortable with the size, we offer a hassle-free exchange policy.



Measure hand circumference for correct sizing.

Glove Materials

95% Polyester | 5% Spandex

Note: The liners are not windproof or waterproof. Shells such as gloves or mittens help to protect the glove from damage as well as the elements.

Warranty Information

All MOTION *Heat* products come with a one-year warranty. MOTION *Heat* offers a no-hassle exchange policy if you require different sizing. Should anything go wrong with your heated glove liners, under reasonable use, send it back with a warranty card and we will replace it.

MOTION *Heat*™

Heated Vest

The MOTION *Heat* rechargeable heated vest is designed in Calgary, Alberta, Canada. Originally designed as a battery core for the entire MOTION *Heat* line-up the vest has proven to conquer Canadian winters. Working and hunting outside in the winter is typically only for the bold. But over the last several years, the reach of MOTION *Heat* has spread beyond our expectations. The vests are widely adopted by outdoor enthusiasts such as skiers, hikers, hunters, and cyclists. A variety of workforces such as police officers, oil field workers, and trades-people alike have also found the benefits in MOTION *Heat* vests. The heated vest has also found its way into the medical sector, by providing comfort and relief to those suffering from back pain with the powerful heating elements.

Our heated vests have proven useful in battling the cold of Canadian winters throughout various environments. Yet the vest can provide comforting warmth to those who struggle to generate their heat. If you are looking for a heat source to keep your core warm on even the coldest days, MOTION *Heat* has proven quality and performance for any situation. And with a one-year warranty and no-hassle exchange policy, the heated vest is the best base layer available.



Why Conquer The Cold With MOTIONHEAT?



Temperature Control

There are three levels of power settings built into the MOTIONHeat system.

The HIGH setting will get things warming up quickly within seconds.

The MEDIUM setting will keep the core nice and toasty.

The LOW setting maintains the temperature and saves battery life.

The vest operates with both gloves and insoles. The temperature control for the vest and insole is found on the upper chest allowing you to adjust the heat quickly and easily.



12 and 16 Volt Power Source

Our vest is the hottest heated wear on the market for the extremes of winter. If it can handle a Canadian winter, it can handle any winter! Most heated wear on the market run on lower voltage batteries. These typically have a short run time and can tend to put out very little heat.

Motion *Heat* Batteries come in a variety of voltages and capacities for even more heat.



Versatile Design for Custom Arrangements

The vest is designed as a battery core, allowing you to power all of your MOTION *Heat* products.

Powering is done through the connectors found on the back of the vest, routing extension cables to both the gloves and insoles.

With four battery pockets, it's convenient to power everything from the warmest vest on the market. With different power, capacity, and size batteries, you can suit it to your needs with too many configurations to count.

MOTION *Heat*™

Product Specifications

The MOTION *Heat* vest is our most versatile heated product. The Standard Complete Set comes with a Heated Vest, two 12V MotionPack battery packs, a charger, and glove extension wires. The vest has four pockets to house each battery in the front and back of the vest.

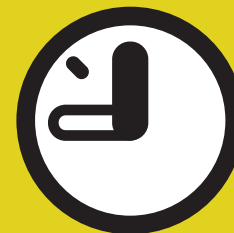
The following run time chart is based on our two standard batteries (2 x 12V 3.2ah).



High
~3Hr.



Medium
~5Hr.



Low
~9Hr.

What Size Should I Get?

MOTION *Heat*™ Sizing Chart



Measure chest circumference for correct sizing.

Size	Height	Chest
XS - M	Shorter than 5'4	30" - 44"
M-XXL	Taller than 5'5	40" - 63"

The vest is very sizable. If your measurement falls between two size categories, we recommend going to the larger size for optimal fitting.

For Example: If you are shorter but want a longer-fitting vest goes with the M-XXL. OR If you are taller but have a smaller chest we still recommend going with the M-XXL.

If you are not comfortable with the size, we offer a hassle-free exchange policy.

Flexibility and Adjustability

The vest features adjustable back straps allowing the vest to fit anyone in the recommended range. Cut with a slightly shorter front, it makes the vest maneuverable.

Vest Materials

50% Polyester | 50% Polyester Taffeta

Note: These vests are designed as base layer to be worn with an outer layer. The vest does have a soft shell quality making it wind and water resistant.

Warranty Information

All MOTION *Heat* products come with a one-year warranty. MOTION *Heat* offers a no-hassle exchange policy if you require different sizing. Should anything go wrong with your heated glove liners, under reasonable use, send it back with a warranty card and we will replace it.

MOTION *Heat*™

Heated Insoles

MOTION *Heat* rechargeable heated insoles are designed and manufactured in Calgary, Alberta, Canada. The insoles were originally designed as an add-on to the MOTION *Heat* line-up. Now with their anklet are a stand-alone product. Canadian winters are no joke, and working and hunting outside in the winter is typically only for the bold. But over the last several years, the reach of MOTION *Heat* has spread beyond our expectations. They have been widely adopted by outdoor enthusiasts such as skiers, hikers, hunters, and cyclists. Industries such as service workers, oil field workers, and trades-people have found use in harsh conditions. These heated insoles have also found their way into the medical sector providing comfort and relief to those suffering from pain in the feet caused by diseases like Raynaud's and arthritis.

Our heated insoles have proven useful in battling the cold of winter they can provide soft comforting warmth to those who struggle to generate their heat. If you are looking for a source of heat to keep your feet warm on even the coldest days, MOTION *Heat* has proven quality and performance for any situation. And with a one-year warranty, the heated insole is the best footwear available.



Why Conquer The Cold With MOTIONHEAT?



Temperature Control

There are three levels of power settings built into the MOTION *Heat* system.

The HIGH setting will get things warming up quickly within seconds.

The MEDIUM setting will keep the core nice and toasty.

The LOW setting maintains the temperature and saves battery life.

The insoles are designed to work with both the vest, anklet, and belt. The temperature control for the insole is found on the garment allowing you to adjust the heat.



12 Volt Power Source

Our insoles are the hottest on the market for the extremes of winter. If it can handle a Canadian winter, it can handle any winter! Most heated wear on the market run on lower voltage batteries. These typically have a short run time and can tend to put out very little heat.

MOTION *Heat* Batteries come in a variety of voltages and capacities for even more heat and runtime.



Versatile Design for Custom Arrangements

The insoles are designed to power off of the MOTION *Heat* vest, belt, and anklet. This is done easily through the extension cables that come with the insoles. With a battery pouch, the batter fits into it easily to power everything from the warmest vest on the market.

With different power, capacity, and shape batteries there are too many configurations to count.

MOTIONHeat™

Product Specifications

The MOTIONHeat insoles are the most customizable heated product. The Standard insoles come with a sized insole and extension wires. The D.I.Y. insoles come with two sheets of fabric, two-element, two cable covers, and extension wires. This makes customizing to your needs even easier.

The following run time chart is based on our two standard batteries (2 x 12V 3.2ah) and a pair of insoles.



High
~7Hr.



Medium
~9Hr.



Low
~13Hr.

Sizes We Offer

MOTIONHeat™ Sizing Chart



US	UK	EURO
7 - 12	6 - 11	41 - 46

Want Even More Versatility?

MOTIONHeat™

DIY Heated Insoles

MOTIONHeat D.I.Y. Heated Insoles are much more versatile than our standard insoles. The Do It Yourself Kit includes all the materials you need to turn any insole into a heated one. Whether you need orthotics or custom-shaped insoles, the D.I.Y. Kit is for you. This pair offers the same excellent heating features as our standard heated insole it's just as versatile and functional just with a little more craftiness.

The D.I.Y. Kit is recommended for shoe sizes we do not manufacture the standard insole in.



MOTION *Heat*™

Battery Specifications

The MOTION *Heat* product line offers the most versatile battery options for heated wear. Our Classic 12V system has proven to be reliable and effective for staying warm and long-term usage. Over the years, MOTION *Heat* has developed 12V and 16V batteries to suit a variety of needs, whether that is compactness or extensive run-time we have a battery for it. Making MOTION *Heat* an extremely adaptable product.

12V System



Standard 3.2ah Battery

This is our best-selling battery that comes standard with our Complete Liner Set. This battery is has a good mix of compactness and runtime. Built with longevity LG 18650 cells these batteries are reliable and powerful.

35.5Wh | 155g | 75x65x20 mm



Compact 0.8ah Battery

If the bulk of the Standard battery is too much then the compact is for you. The great thing about this battery is you forget you're wearing it. Ideal for shorter usage where you need to keep things lightweight.

8.9Wh | 70g | 60x55x15mm



High Capacity 5ah Battery

Want to never worry about running out of power, the extended runtime battery is ideal for those long days. At the sacrifice of compactness never feel guilty about running your MOTION *Heat* gear on high.

55.5Wh | 230g | 80x80x25mm

16V System



Extra Heat 3.2ah Battery

Our best selling battery with more power! The 16V batteries offer 20% higher temperatures that are designed to conquer the cold in any environment. These are less compact than our Standard 12V but pack a stronger punch.

47.3Wh | 205g | 75x75x20 mm



Compact 0.8ah Battery

Bump up the heat of the compact battery with the 16V version. Ideal for shorter usage in colder temperatures where you need to keep things lightweight and toasty warm.

8.9Wh | 95g | 60x60x15mm



High Capacity 5ah Battery

This is our largest battery, designed for extreme cold and extensive runtime this battery is designed for those who spend countless hours outside in frigid conditions.

74.0Wh | 300g | 80x80x25mm

MOTION *Heat*™

Battery Runtime

The MOTIONHeat product line is so diverse the product runtimes will vary and change based on the heated clothing and batteries being used. The following charts are accurate time representations of runtimes with brand-new batteries.

Times are subject to change with battery degradation.

Note: 16V equivalents will have a 25% shorter runtime but with 20% more heat.

All Time is in Hours

12V 3.2ah - Pair of Glove Liners

Battery Qty	High	Med.	Low
1	1.7	2.7	5.2
2	3.4	5.3	10.3
3	5.2	8	15.5
4	6.9	10.6	20.6

12V 800mah - Pair of Glove Liners

Battery Qty	High	Med.	Low
1	1.7	2.7	5.2
2	3.4	5.3	10.3
3	5.2	8	15.5
4	6.9	10.6	20.6

12V 5ah - Pair of Glove Liners

Battery Qty	High	Med.	Low
1	2.5	3.8	7.4
2	5	7.7	14.9
3	7.5	11.5	22.3
4	10	15.4	29.7

12V 3.2ah - Heated Vest

Battery Qty	High	Med.	Low
1	4.2	5.6	8.2
2	8.3	11.2	16.4
3	12.5	16.8	24.6
4	16.7	22.4	32.8

12V 800mah - Heated Vest

Battery Qty	High	Med.	Low
1	4.2	5.6	8.2
2	8.3	11.2	16.4
3	12.5	16.8	24.6
4	16.7	22.4	32.8

12V 5ah - Heated Vest

Battery Qty	High	Med.	Low
1	5.7	8.1	11.9
2	11.4	16.2	23.8
3	17.2	24.3	35.7
4	22.8	32.5	47.6

12V 3.2ah - Pair of Insoles

Battery Qty	High	Med.	Low
1	4.2	5.6	8.2
2	8.3	11.2	16.4
3	12.5	16.8	24.6
4	16.7	22.4	32.8

12V 800mah - Pair of Insoles

Battery Qty	High	Med.	Low
1	4.2	5.6	8.2
2	8.3	11.2	16.4
3	12.5	16.8	24.6
4	16.7	22.4	32.8

12V 5ah - Pair of Insoles

Battery Qty	High	Med.	Low
1	5.5	6.8	10.2
2	11	13.6	21.2
3	16.5	20.4	31.8
4	22	27.2	42.5

12V 3.2ah - Liners and Vest in Pair

Battery Qty	High	Med.	Low
1	1.2	1.8	3.1
2	2.4	3.6	6.3
3	3.6	5.4	9.5
4	4.8	7.2	10

12V 800mah - Liners and Vest in Pair

Battery Qty	High	Med.	Low
1	1.2	1.8	3.1
2	2.4	3.6	6.3
3	3.6	5.4	9.5
4	4.8	7.2	10

12V 5ah - Liners and Vest in Pair

Battery Qty	High	Med.	Low
1	1.7	2.61	4.5
2	3.4	5.2	9.1
3	5.2	7.8	13.7
4	6.9	10.4	18.3

12V 3.2ah - Liners, Vest and Insoles

Battery Qty	High	Med.	Low
1	0.9	1.3	2.2
2	1.8	2.6	4.4
3	2.7	3.9	6.6
4	5.7	5.2	8.8

12V 800mah - Liners, Vest and Insoles

Battery Qty	High	Med.	Low
1	0.9	1.3	2.2
2	1.8	2.6	4.4
3	2.7	3.9	6.6
4	5.7	5.2	8.8

12V 5ah - Liners, Vest and Insoles

Battery Qty	High	Med.	Low
1	1.3	1.8	3.2
2	2.6	3.7	6.4
3	3.9	5.6	9.5
4	5.2	7.5	12.8