

madimack

# PRODUCT CATALOG 2026

Make it a Madimack.







Our aim is to  
make innovation  
a standard  
expectation.

— Alex Welsh, Madimack CEO



# SUCCESSFUL PARTNERSHIP

Madimack is committed to fostering strong global partnerships by offering a world-class product range that optimizes efficiencies for our direct partners and their customers. We provide comprehensive partnership services, including a service support line, extended warranties, online instant support tools, and business growth initiatives such as lead generation and marketing support. Our collaborative approach ensures that we stay ahead of industry changes, enabling your business to thrive in a dynamic market.

# CONTENTS

## Pool Heating

Madimack's inverHEAT category includes a lineup of award-winning pool heat pumps catering to a wide-range of pool-system set ups.

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## Pool Pumps

Madimack's inverFLOW category features a range of energy-efficient pool pumps designed to optimize performance and reduce running costs, ensuring smooth and reliable circulation for all pool types.

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## Pool Cleaners

Madimack's GT range offers cutting-edge cordless robotic cleaners, engineered for effortless pool maintenance with advanced cleaning technology, ensuring a thorough and reliable clean for every pool.

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# CONTENTS

## Water Treatment

Madimack's inverCHLOR range offers advanced salt and mineral chlorinators, engineered to deliver optimal water sanitation and gentle, consistent chlorine generation for a more enjoyable and low-maintenance pool experience.

EliteCLEAR Cartridge Filters ensure sparkling clean water with a compact design for space-limited pools and advanced filtration for superior dirt capture.

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## Spare Parts

Madimack's spare parts range ensures you have everything needed for the seamless maintenance and enhancement of your pool and lawn equipment. From essential components to specialized add-ons, our comprehensive selection supports optimal performance and extends the life of your Madimack products.







**Make it** year-round comfort.  
**Make it** a Madimack.





inverHeat Series



# Pool Heaters

Madimack's inverHEAT category includes a lineup of award-winning pool heat pumps catering to a wide-range of pool-system set ups. Engineered with advanced technology, the range offers exceptional inverter pool heat pumps, that deliver on reliability, innovation, energy-efficiency and superior performance.

With its state-of-the-art features and integration of unique technologies, the inverHEAT range surpasses expectations in order to enhance the user experience.

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## Optimized efficiency

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## Advanced sound suppression technology

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## Full range of ventilation options

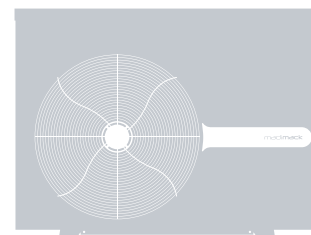
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## Largest range of BTU options available



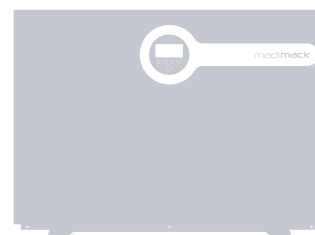
*inver***ECO**

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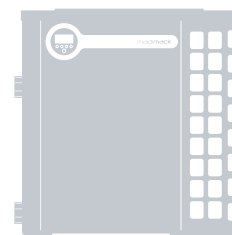
*inver***ELITE**

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*inver***TITAN**

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*inver***ECO**



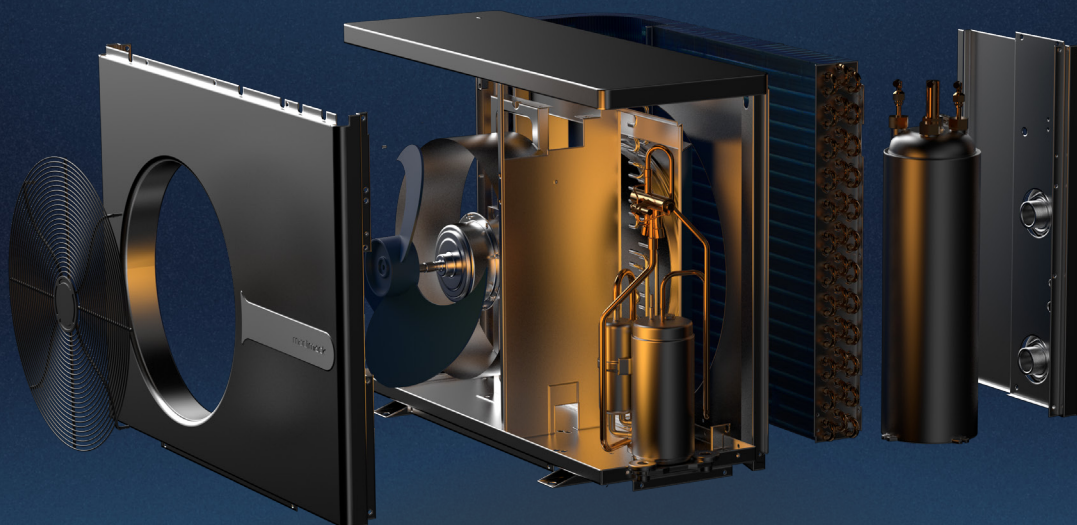
## **Energy efficient pool heating solution. Front ventilation.**

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Madimack's inverECO pool heating and cooling series is built with efficiency and simplicity in mind. Powered by Madimack's InverMAC technology to enhance performance and fitted with premium aluminum alloy casing for endurance, the inverECO is a value-packed backyard pool heating and cooling solution. Boasting the smallest footprint for easy installation and Wi-Fi included as a standard feature, it delivers on performance and convenience; busy pool owners can change their pool's temperature and timers from wherever their day takes them. The inverECO is the go-to heating and cooling solution to extend the backyard pool season.



inver*ECO*



**Dedicated Pool Heating Inverter Control System**

Ensures optimal temperature regulation and energy efficiency



**Twisted Titanium Heat Exchanger**

Increased area for heat exchange  
40% higher efficiency



**Premium Aluminum Alloy Casing**

Protects your pool heat pump year-round



**Heat & cool**

With integrated heating and cooling into a single unit, enjoy your swimming pool any season of the year



**Wi-Fi Module and Smart App**

Built-in Wi-Fi and smart app provides convenience to control your pump on-the-go

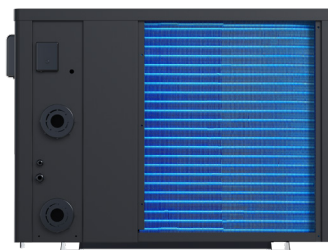


**Twin-rotary Inverter Compressor**

Significantly reduced operating noise



## Warranties



## Technical Specifications\*

| Model                                                                         |         | InverEco 32,000       | InverEco 40,000       | InverEco 50,000       | InverEco 66,000       |
|-------------------------------------------------------------------------------|---------|-----------------------|-----------------------|-----------------------|-----------------------|
| SKU                                                                           |         | INVECO320             | INVECO400             | INVECO500             | INVECO660             |
| Performance Condition: Air 80°F (26.7°C) / Water 80°F (26.7°C) / Humidity 80% |         |                       |                       |                       |                       |
| Heating capacity (BTU)                                                        |         | 32,000                | 40,000                | 50,000                | 66,000                |
| COP Range                                                                     |         | 10.0 ~ 6.7            | 10.7 ~ 6.0            | 10.2 ~ 6.2            | 11.6 ~ 6.2            |
| Performance Condition: Air 80°F (26.7°C) / Water 80°F (26.7°C) / Humidity 63% |         |                       |                       |                       |                       |
| Heating capacity (BTU)                                                        |         | 31,000                | 37,500                | 48,000                | 61,000                |
| COP Range                                                                     |         | 8.7 ~ 6.3             | 9.9 ~ 5.6             | 9.2 ~ 6.0             | 11.1 ~ 5.8            |
| Performance Condition: Air 50°F (10°C) / Water 80°F (26.7°C) / Humidity 63%   |         |                       |                       |                       |                       |
| Heating capacity (BTU)                                                        |         | 17,500                | 21,400                | 24,000                | 28,000                |
| COP Range                                                                     |         | 4.5 ~ 4.1             | 5.0 ~ 4.0             | 5.5 ~ 4.6             | 6.2 ~ 5.0             |
| TECHNICAL SPECIFICATIONS                                                      |         |                       |                       |                       |                       |
| Operating air temperature (°F)                                                |         | 32 ~ 109              |                       |                       |                       |
| Heat exchanger                                                                |         | Titanium in PVC       |                       |                       |                       |
| Power supply                                                                  |         | 208V ~ 230V/1 Ph/60Hz |                       |                       |                       |
| Water connection (mm)/(inch)                                                  |         | 40mm/1.5"             |                       |                       |                       |
| Rated input power at air 80°F (kW)                                            |         | 0.27~1.42             | 0.37~1.87             | 0.43~2.41             | 0.54~3.37             |
| Rated input current at air 80°F (A)                                           |         | 1.17~6.17             | 1.81~8.13             | 1.87~10.43            | 2.35~14.65            |
| Sound level at 10ft dB(A)                                                     |         | 33.2 ~ 45.0           | 33.8 ~ 45.2           | 34.7 ~ 45.8           | 38.4 ~ 47.1           |
| Advised water flux                                                            | (L/min) | 50 ~ 67               | 67 ~ 100              | 83 ~ 116              | 108 ~ 142             |
|                                                                               | (GPM)   | 13.2 ~ 17.7           | 17.7 ~ 26.4           | 21.9 ~ 30.6           | 28.5 ~ 37.5           |
| Net dimension LxWxH                                                           | (mm)    | 954 × 318 × 647       | 954 × 318 × 647       | 954 × 318 × 647       | 954 × 388 × 648       |
|                                                                               | (inch)  | 37.6" × 12.5" × 25.5" | 37.6" × 12.5" × 25.5" | 37.6" × 12.5" × 25.5" | 37.6" × 15.3" × 25.5" |
| Net Weight                                                                    | (kg)    | 47                    | 46                    | 52                    | 61                    |
|                                                                               | (lb)    | 103.6                 | 101.4                 | 114.6                 | 134.5                 |
| Maximum air volume(m³/h)                                                      |         | 3600                  | 3600                  | 4100                  | 4500                  |
| Water pressure drop(Kpa)                                                      |         | 3                     | 3                     | 3.5                   | 4                     |

The data above is only for reference. For specific data, please refer to the nameplate on the unit.  
Acoustic data is to TuV international testing conditions, site conditions may differ

*inver***ELITE**



**Superior efficiency.  
Advanced engineering.  
Design appeal.  
Rear ventilation.**

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Powered by Madimack's InverMAC technology and engineered to include the latest user-features, inverELITE is a world-class pool heating and cooling solution. Unrivaled energy efficiencies, the quietest operation noise levels and market leading design makes it the ultimate heating partner for avid pool owners. Madimack's inverELITE series comes with Wi-Fi as a standard inclusion and operates at optimal levels even in the coldest of conditions. The inverELITE series simply sets the standard for all other heaters.



inver*ELITE*



#### Built-in Wi-Fi

Built-in Wi-Fi and smart app provides convenience to control your pump on-the-go



#### Smart & quick defrosting

InverELITE is equipped with reverse cycle defrosting detecting frost accumulation during operation and automatically switch to defrosting mode



#### Heat & Cool

With integrated heating and cooling into a single unit, enjoy your swimming pool any season of the year



#### Backward Airflow System

Innovative backward airflow design draws air from both sides and blows it out from the back



#### Operation down to 5°F

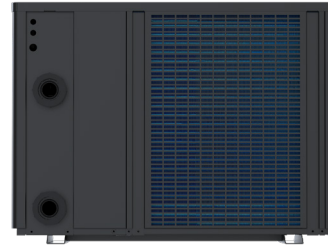
Built to operate in the coldest weather and extend your pool season into the winter



#### Premium Weatherproof Casing

The elegant casing gives a sleek, premium feel resistant to weather, UV and corrosion

## Warranties



## Technical Specifications\*

| Model                                                                       |         | InverElite 84,000     | InverElite 116,000    |
|-----------------------------------------------------------------------------|---------|-----------------------|-----------------------|
| SKU                                                                         |         | INVELITE084           | INVELITE1100          |
| Performance Condition: Air 80°F (26.7°C)/ Water 80°F (26.7°C)/ Humidity 80% |         |                       |                       |
| Heating capacity (BTU)                                                      |         | 84,000                | 116,000               |
| COP Range                                                                   |         | 15.0 ~ 6.3            | 16.0 ~ 6.4            |
| Performance Condition: Air 80°F (26.7°C)/ Water 80°F (26.7°C)/ Humidity 63% |         |                       |                       |
| Heating capacity (BTU)                                                      |         | 79,000                | 110,000               |
| COP Range                                                                   |         | 13.8 ~ 6.0            | 14.6 ~ 6.1            |
| Performance Condition: Air 50°F (10°C)/ Water 80°F (26.7°C)/ Humidity 63%   |         |                       |                       |
| Heating capacity (BTU)                                                      |         | 41,000                | 56,000                |
| COP Range                                                                   |         | 6.5 ~ 5.1             | 6.8 ~ 5.2             |
| TECHNICAL SPECIFICATIONS                                                    |         |                       |                       |
| Operating air temperature (°F)                                              |         | 5 ~ 109               |                       |
| Heat exchanger                                                              |         | Titanium in PVC       |                       |
| Power supply                                                                |         | 208V ~ 230V/1 Ph/60Hz |                       |
| Water connection (mm)/(inch)                                                |         | 50mm/2"               |                       |
| Rated input power at air 80°F (kW)                                          |         | 0.64~3.98             | 0.66~4.74             |
| Rated input current at air 80°F (A)                                         |         | 2.86~17.33            | 2.87~20.6             |
| Sound level at 3ft dB(A)                                                    |         | 40.3 ~ 54.0           | 41.5 ~ 54.9           |
| Sound level at 10ft dB(A)                                                   |         | 30.8 ~ 44.5           | 32.0 ~ 45.4           |
| Advised water flux                                                          | (L/min) | 83 ~ 116              | 133~167               |
|                                                                             | (GPM)   | 21.9 ~ 30.6           | 35.1 ~ 44.1           |
| Net dimension LxWxH                                                         | (mm)    | 1060 × 430 × 957      | 1314 × 489 × 957      |
|                                                                             | (inch)  | 41.7" × 16.9" × 37.7" | 51.7" × 19.3" × 37.7" |
| Net Weight                                                                  | (kg)    | 95                    | 125                   |
|                                                                             | (lb)    | 209                   | 275.6                 |
| Maximum air volume(m³/h)                                                    |         | 6100                  | 7050                  |
| Water pressure drop(Kpa)                                                    |         | 5.6                   | 10.6                  |

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# *inver***TITAN**



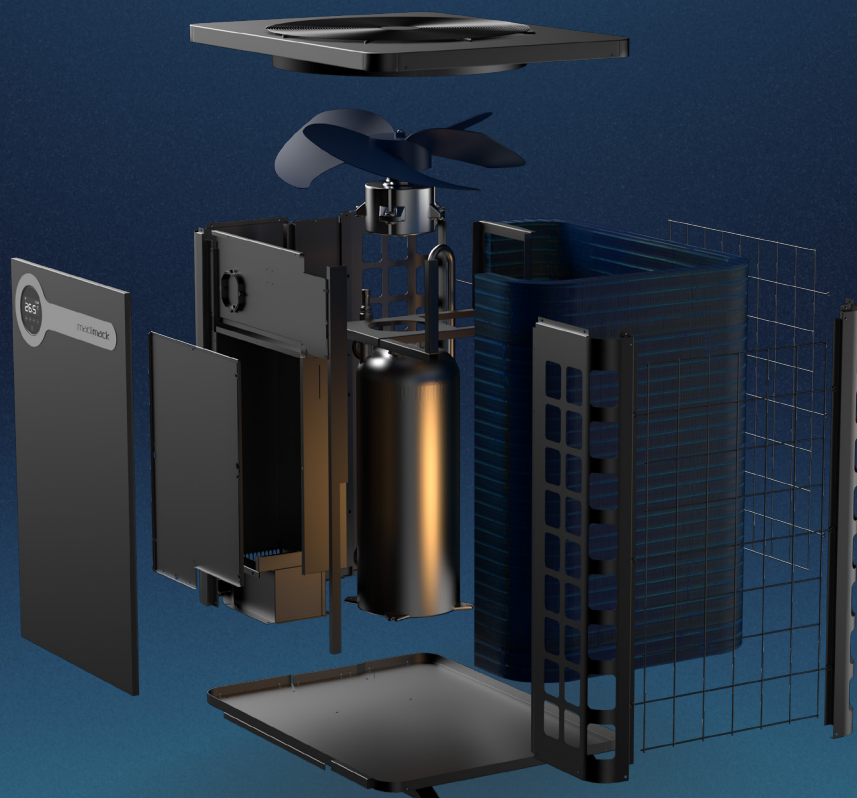


## **Powerful performance. Efficient operation. Top ventilation.**

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Designed and engineered to meet the highest requirements for cooling and heating options, with full inverter compressor and top discharge fans for a streamlined efficient air flow. Enjoy new possibilities for pool heating and cooling with the space saving and slick design. Limited space is no longer a concern.

# inverTITAN



## Soft Start

InverTITAN will start from 0 amps and increase steadily protecting electrical systems



## Smart & Quick Defrosting

InverTITAN is equipped with reverse cycle defrosting detecting frost accumulation during operation and automatically switch to defrosting mode



## Built-in Wi-Fi

Built-in Wi-Fi and smart app provides convenience to control your pump on-the-go



## Twin-rotary Compressor

Significantly reduced operating noise



## Twisted Titanium Heat Exchanger

Increased area for heat exchange 40% higher efficiency



## Heat & Cool

With integrated heating and cooling into a single unit, enjoy your swimming pool any season of the year

## Warranties



## Technical Specifications\*

| Model                                                                         |         | InverTitan 90,000     | InverTitan 112,000    | InverTitan 140,000    |
|-------------------------------------------------------------------------------|---------|-----------------------|-----------------------|-----------------------|
| SKU                                                                           |         | INVTIT090             | INVTIT112             | INVTIT140             |
| Performance Condition: Air 80°F (26.7°C) / Water 80°F (26.7°C) / Humidity 80% |         |                       |                       |                       |
| Heating capacity (BTU)                                                        |         | 90,000                | 112,000               | 140,000               |
| COP Range                                                                     |         | 14.3 ~ 6.0            | 14.5 ~ 6.1            | 14.6 ~ 6.0            |
| Performance Condition: Air 80°F (26.7°C) / Water 80°F (26.7°C) / Humidity 63% |         |                       |                       |                       |
| Heating capacity (BTU)                                                        |         | 85,000                | 106,000               | 134,000               |
| COP Range                                                                     |         | 12.7 ~ 5.7            | 12.8 ~ 5.8            | 13.3 ~ 5.7            |
| Performance Condition: Air 50°F (10°C)/ Water 80°F (26.7°C)/ Humidity 63%     |         |                       |                       |                       |
| Heating capacity (BTU)                                                        |         | 46,000                | 56,000                | 69,000                |
| COP Range                                                                     |         | 5.3 ~ 4.6             | 5.4 ~ 4.8             | 5.6 ~ 4.7             |
| TECHNICAL SPECIFICATIONS                                                      |         |                       |                       |                       |
| Operating air temperature (°F)                                                |         | 14 ~ 109              |                       |                       |
| Heat exchanger                                                                |         | Titanium in PVC       |                       |                       |
| Power supply                                                                  |         | 208V ~ 230V/1 Ph/60Hz |                       |                       |
| Water connection (mm)/(inch)                                                  |         | 50mm/2"               |                       |                       |
| Rated input power at air 80°F (26.7°C) (kW)                                   |         | 0.63~4.28             | 0.6~5.4               | 0.8~6.9               |
| Rated input current at air 80°F (26.7°C) (A)                                  |         | 2.88~18.6             | 2.9~23.7              | 3.6~31.3              |
| Sound level at 10ft dB(A)                                                     |         | 34.3 ~ 46.5           | 35.2 ~ 48.3           | 38.8 ~ 51.1           |
| Advised water flux                                                            | (L/min) | 125 ~ 158             | 133~167               | 133 ~ 254             |
|                                                                               | (GPM)   | 33.0 ~41.7            | 35.1 ~ 44.1           | 35.1 ~ 67.1           |
| Net dimension L x W x H                                                       | (mm)    | 906 × 701 × 977       | 906 × 701 × 977       | 992 × 806 × 1054      |
|                                                                               | (inch)  | 35.7" × 27.6" × 38.5" | 35.7" × 27.6" × 38.5" | 39.1" × 31.7" × 41.5" |
| Net weight                                                                    | (kg)    | 126                   | 125                   | 143                   |
|                                                                               | (lb)    | 277.8                 | 275.6                 | 315.3                 |
| Maximum air volume(m³/h)                                                      |         | 6500                  | 7500                  | 8300                  |
| Water pressure drop(Kpa)                                                      |         | 6                     | 10                    | 19                    |

The data above is only for reference. For specific data, please refer to the nameplate on the unit.  
Acoustic data is to TuV international testing conditions, site conditions may differ





**Make it** efficient.  
**Make it** a Madimack.





inverFLOW Series

# Pool Pumps

Madimack's leadership in the pool pump category showcases the company's ability to fuse technology and sustainability seamlessly. With heightened efficiency this range integrates advanced features and proprietary technologies to provide outstanding performance while minimizing environmental impact. It represents our dedication to creating a greener future for generations to come.

*inver***FLOW**<sup>PLUS</sup>





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Inverter technology for optimized efficiency

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Whisper quiet operation down to 33dB

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Backed by a 5-year warranty

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Skimmer Mode: Effortless surface cleaning for a pristine pool

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Enhanced Power: Boosted performance for superior filtration

*inver***FLOW**<sup>PLUS</sup>

## A new standard in pool pumps.

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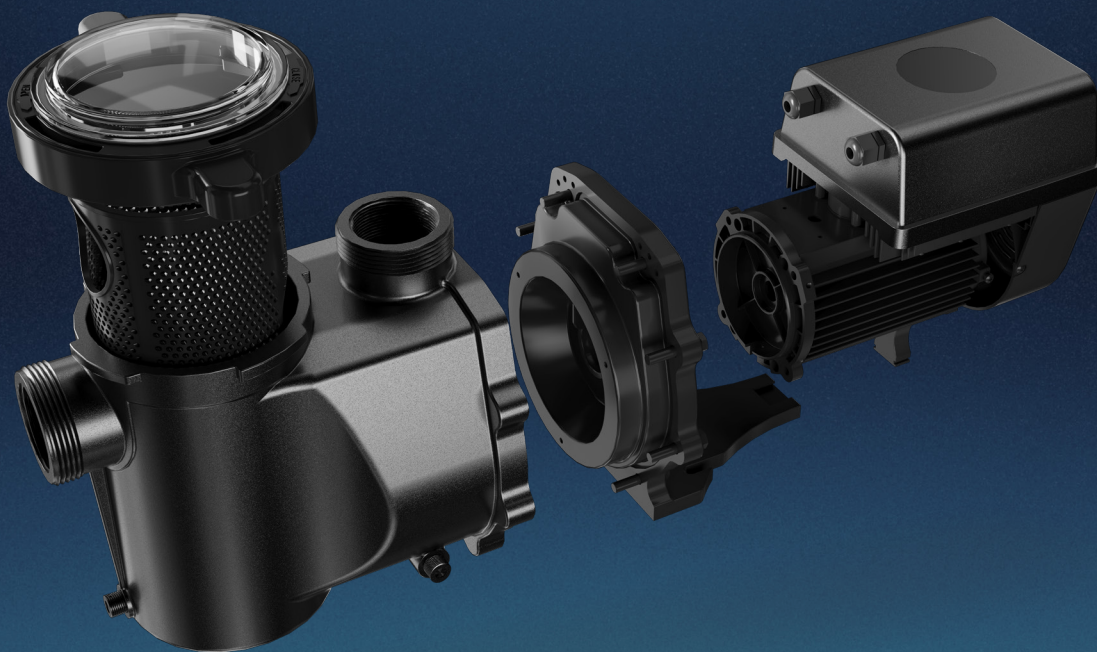
Madimack's inverFLOW PLUS is the next evolution in pool pump technology. With enhanced power output, this pump is designed to deliver superior performance while maintaining the energy-saving benefits of full-inverter technology. The inverFLOW PLUS features Wi-Fi connectivity for effortless control from anywhere, and Skimmer Mode, ensuring your pool's surface stays pristine. Engineered for efficiency, power, and convenience, the inverFLOW PLUS sets new standards in pool care, offering everything you need to keep your pool running smoothly and efficiently.







# inverFLOW<sup>PLUS</sup>



## InverMAC Technology

Enhanced inverter motor for efficient performance including optimized motor speed control



## 4 timers for daily operation

Match your pool usage with pool pump operation requirements



## DC brushless motor

Reduced operation noise, lighter and longer-life span



## Active energy monitor

Track, monitor and manage operation efficiency



## Premium hardware

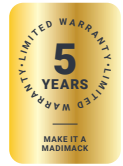
Durable & corrosion resistant



## Running capacity from 30%~100%

Set optimal speed for pool requirements or set automatic operation for long-term efficiency

## Warranty



## Technical Specifications\*

| Model                           | inverFLOW PLUS 1 HP Dual Voltage Inverter VSP | inverFLOW PLUS 1.5 HP Dual Voltage Inverter VSP | inverFLOW PLUS 2 HP Dual Voltage Inverter VSP |
|---------------------------------|-----------------------------------------------|-------------------------------------------------|-----------------------------------------------|
| <b>POWER</b>                    |                                               |                                                 |                                               |
| Voltage range                   | 90 - 250v 50/60hz                             | 90 - 250v 50/60hz                               | 90 - 250v 50/60hz                             |
| Total Horse Power (THP)         | 1                                             | 1.5                                             | 2                                             |
| Input kilowatt (kW)             | 1.1                                           | 1.35                                            | 1.8                                           |
| Running Amps (115v/230v)        | 8.3 - 4.6                                     | 8.9 - 5.9                                       | 9.6 - 6.5                                     |
| <b>FLOW</b>                     |                                               |                                                 |                                               |
| Qmax - GPM                      | 112                                           | 125                                             | 136                                           |
| Qmax L/Min                      | 424                                           | 473                                             | 515                                           |
| Hmax - Feet                     | 59                                            | 65                                              | 67                                            |
| Hmax - Metre                    | 18                                            | 20                                              | 20.4                                          |
| Flow @ 26Ft (GPM)               | 97                                            | 119                                             | 132                                           |
| Flow @ 8m (L/min)               | 367                                           | 450                                             | 500                                           |
| Flow @ 33Ft (GPM)               | 79                                            | 105.7                                           | 123                                           |
| Flow @ 10m (L/min)              | 300                                           | 400                                             | 466                                           |
| <b>SPECIFICATIONS</b>           |                                               |                                                 |                                               |
| Dimensions (Inch)               | 21" 7/16' x 6" 5/8' x 9" 15/16'               | 21" 7/16' x 6" 5/8' x 9" 15/16'                 | 21" 7/16' x 6" 5/8' x 9" 15/16'               |
| Dimensions (mm)                 | 590 x 255 x 325mm                             | 590 x 255 x 325mm                               | 590 x 255 x 325mm                             |
| Packaging (inch)                | 23" 1/4' x 10" x 12" 3/4'                     | 23" 1/4' x 10" x 12" 3/4'                       | 23" 1/4' x 10" x 12" 3/4'                     |
| Packaging mm                    | (590 x 255 x 325)                             | (590 x 255 x 325)                               | (590 x 255 x 325)                             |
| Weight (lbs)                    | 32lb                                          | 32lb                                            | 34lb                                          |
| Weight (Kg)                     | 14.5kg                                        | 14.5kg                                          | 15.5kg                                        |
| Pipe connections (inlet/outlet) | 2" BSP                                        | 2" BSP                                          | 2" BSP                                        |
| Noise level 30% Speed           | 32.9                                          | 35.8                                            | 38.3                                          |
| Noise level 100% Speed          | 56.1                                          | 56.7                                            | 57.4                                          |

Specifications displayed refer to 230v supply and can vary with voltage fluctuations please visit [madimack.com](http://madimack.com) for further specifications.

\* Specifications are for reference only. For specific data please refer to the product name plate.





**Make it** effortless cleaning.  
**Make it** a Madimack.





GT Freedom Series

# Pool Cleaners

Madimack's cordless robotics category is a testament to the company's dedication to pushing the boundaries of innovation and performance. Offering unparalleled functionality, energy efficiency, intuitive features and user convenience, Cordless robotics represents Madimack's commitment to meeting the evolving needs of our consumers.





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Cordless robotic cleaner

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Up to 8 hours of power

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Infrared guidance

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Dual drive navigation

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Advanced lithium-ion battery

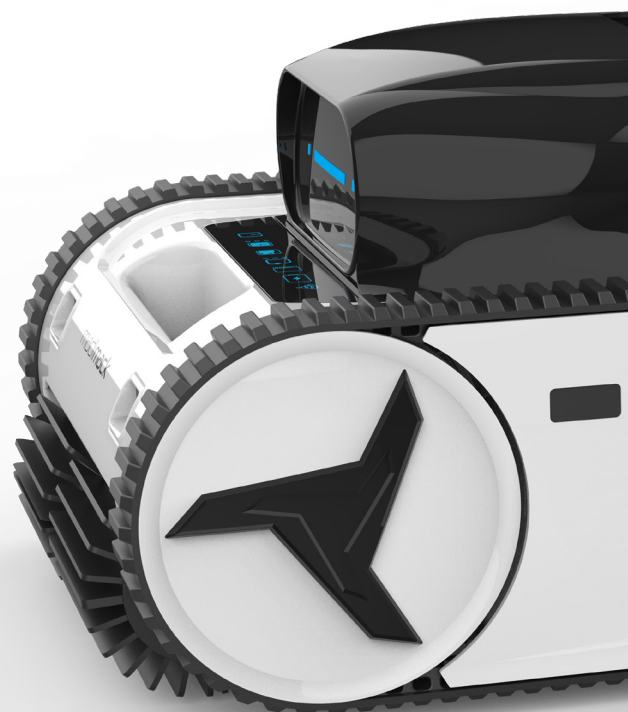


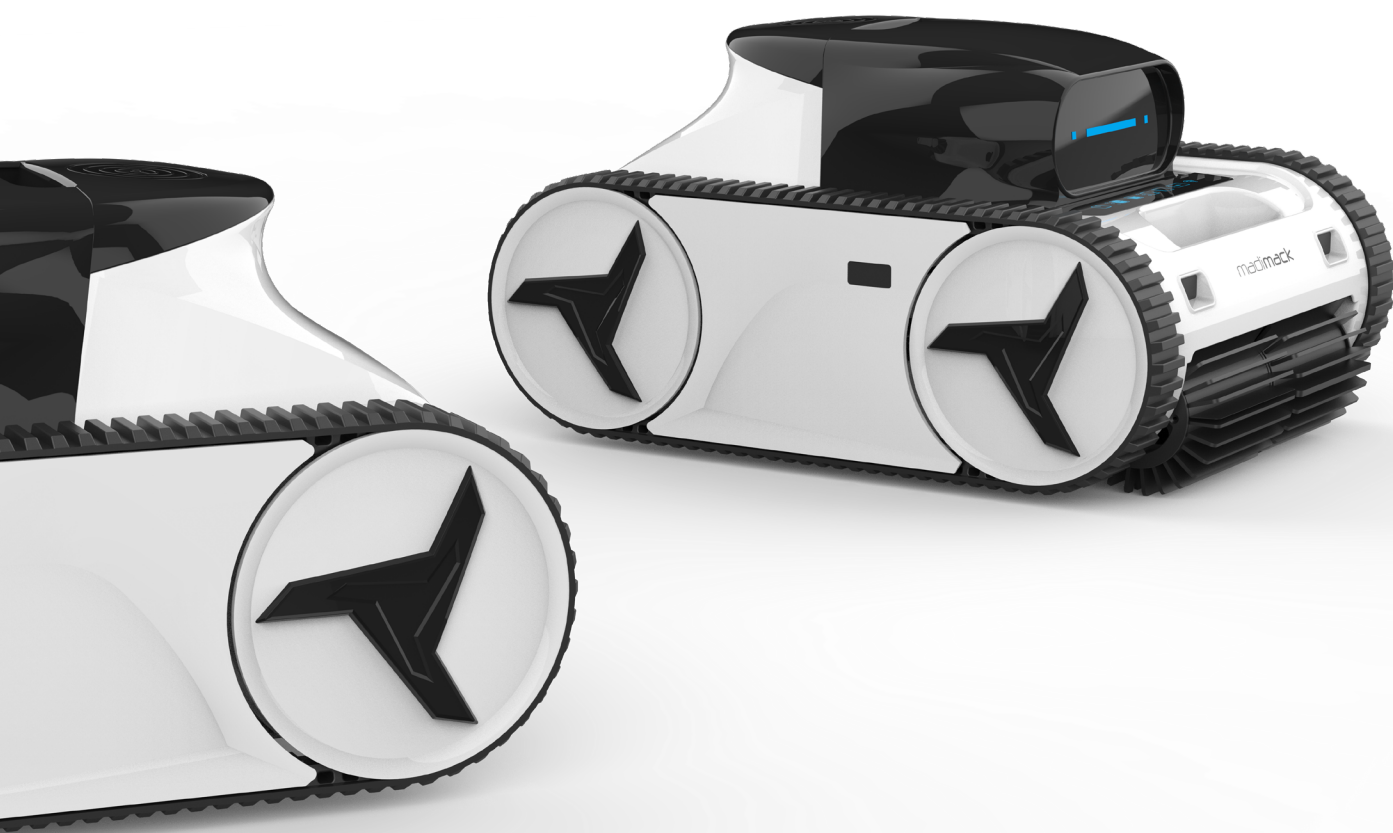


## Ultimate combination of freedom, convenience & performance.

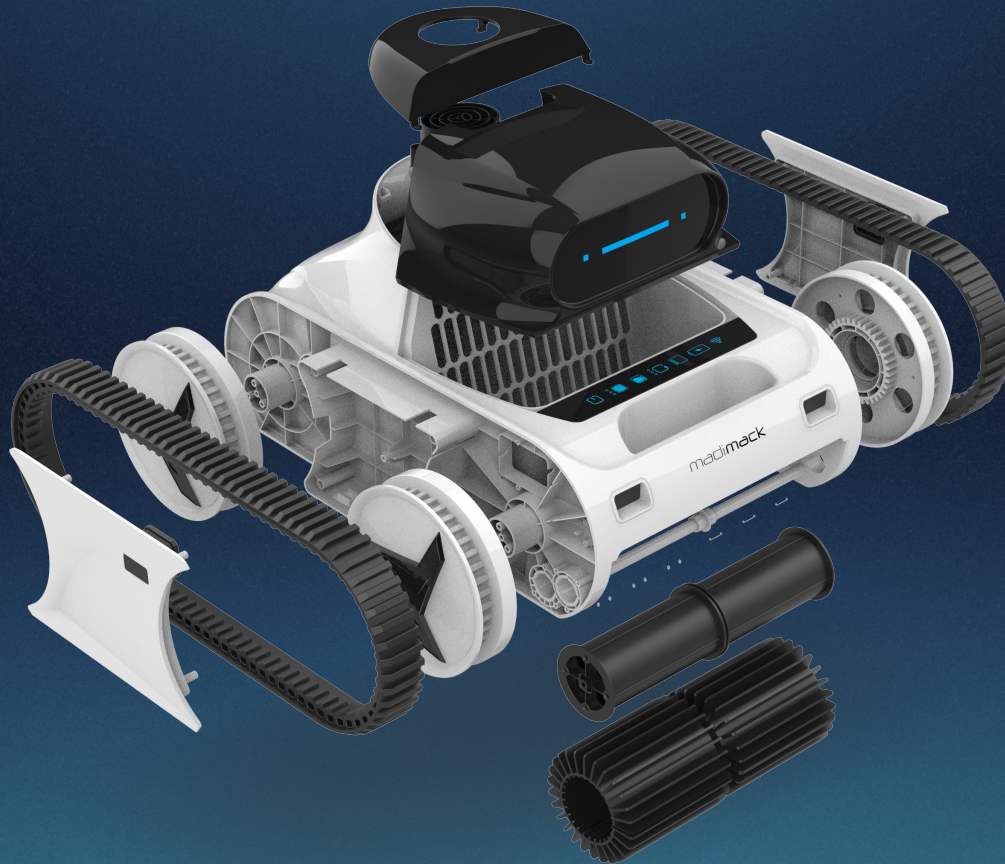
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An engineered masterpiece. Adapting to any pool size or shape and providing a pristine pool without the manual labour. Built to include; advanced lithium-ion battery, DC brushless motor and intelligent navigation for long-lasting and efficient operation. Whether you have a compact backyard pool or a sprawling aquatic paradise, cut the cord, set and forget, sit back and enjoy the cleaning freedom.









#### **InverMAC Technology**

Enhanced efficiency supported by superior motor performance, precision designed hardware and smart-features



#### **Longest Endurance Times**

More cleaning, less charging. Up to 8 hours of run time and 4 weeks of operation



#### **Active Panel Control**

Flexibility to set and manage run times, cycle times with operational display on the unit



#### **Dual Drive & DC Brushless Motor**

Provides increased power and advanced mobility to overcome obstacles



#### **Advanced Lithium-Ion Battery**

Delivering extended run-times, heightened performance and durability. Up to 8 hours of power!



#### **Intelligent Navigation System**

Advanced cleaning coverage with multi sensor control and infrared guidance system



## Warranty



## Technical Specifications\*

| Model                                                                    | i30                                   | i45     | i60           | i80                   |
|--------------------------------------------------------------------------|---------------------------------------|---------|---------------|-----------------------|
| PERFORMANCE CONDITION REFERENCE: Floor mode in Liner pool                |                                       |         |               |                       |
| Endurance time                                                           | 3hr                                   | 4.5hr   | 6hr           | 8hr                   |
| PERFORMANCE CONDITION REFERENCE: Floor/wall/waterline mode in Liner pool |                                       |         |               |                       |
| Endurance time                                                           | 2hr                                   | 2.5hr   | 3.5hr         | 4.5hr                 |
| Charging time                                                            | 3hr                                   | 4.5hr   | 6hr           | 8hr                   |
| Optimum pool temperature                                                 | 39~95°F / 4~35°C                      |         |               |                       |
| Cleaning modes                                                           | Floor only / Floor-wall-waterline     |         |               |                       |
| Cleaning duration options                                                | 0.5h / 1h / 2h / Max run per model    |         |               |                       |
| Cycle setting                                                            | Once cycle / 24hrs /48hrs / 72hrs     |         |               |                       |
| 3D S Path with InverMac                                                  | Yes                                   |         |               |                       |
| App connection                                                           | Yes                                   |         |               |                       |
| Filter capacity                                                          | 0.84gal / 3.2L                        |         |               |                       |
| Filtration accuracy                                                      | 100µm                                 |         |               |                       |
| Pump flow rate (GPM) / (L/min)                                           | 88~44gpm / 300-150lpm                 |         |               | 97-44gpm / 360-160lpm |
| Running power                                                            | 30~110W                               |         |               |                       |
| Moving speed (ft/min) / (m/min)                                          | 39ft/min / 11.9m/min                  |         |               |                       |
| Motor number                                                             | 3                                     |         |               |                       |
| Charger input                                                            | 100-240VAC~50/60Hz                    |         |               |                       |
| Running voltage/current                                                  | 25.2V/1.2A                            |         |               |                       |
| Charger power                                                            | 72.5 W                                |         |               |                       |
| Set & Forget: weekly cleaning**                                          | 1 weeks                               | 2 weeks | 3 weeks       | 4 weeks               |
| Robot NW (lbs) / (kg)                                                    | 25.3lbs/ 11.5kg                       |         | 26.4lbs/ 12kg |                       |
| Robot GW (lbs) / (kg)                                                    | 36.3lbs/ 16.5kg                       |         | 37.4lbs/ 17kg |                       |
| Robot dimension, LxWxH                                                   | 19.48x15.55x10.43inch / 495x395x265mm |         |               |                       |

\* Specifications are for reference only. For specific data please refer to the product name plate.

\*\* Based on 30mins every 3 days



**Make it** pristine water.  
**Make it** a Madimack.



ecoSPIN





EliteCLEAR Cartridge Filters



inverCHLOR Series



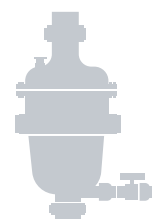
# Water Treatment

Madimack's salt and mineral chlorinator range sets the standard for effective pool sanitization. Designed to ensure clean, clear water in both salt and mineral pools, this range combines advanced technology with ease of use, providing a reliable solution for maintaining optimal pool conditions.

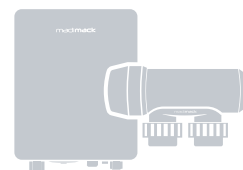
EliteCLEAR Cartridge Filters ensure sparkling clean water with a compact design for space-limited pools and advanced filtration for superior dirt capture.

Madimack's ecoSPIN Pre-Filter is built for commercial demands, delivering durable, low-maintenance filtration with no moving parts or media to replace - saving time, costs, and hassles.

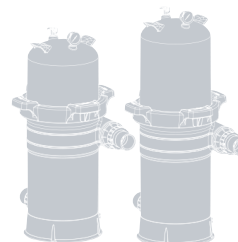
*eco***SPIN**



*inver***CHLOR**



*elite***CLEAR** CARTRIDGE FILTERS



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Backed by a 4 year cell replacement warranty

---

Utilizing inverter technology delivering optimized and controlled performance

---

Wi-Fi enabled with smart alerts and notifications

---

Low TDS compatible (1200-6000ppm)



# *inver***CHLOR**

## **Intelligent salt & mineral chlorinator.**

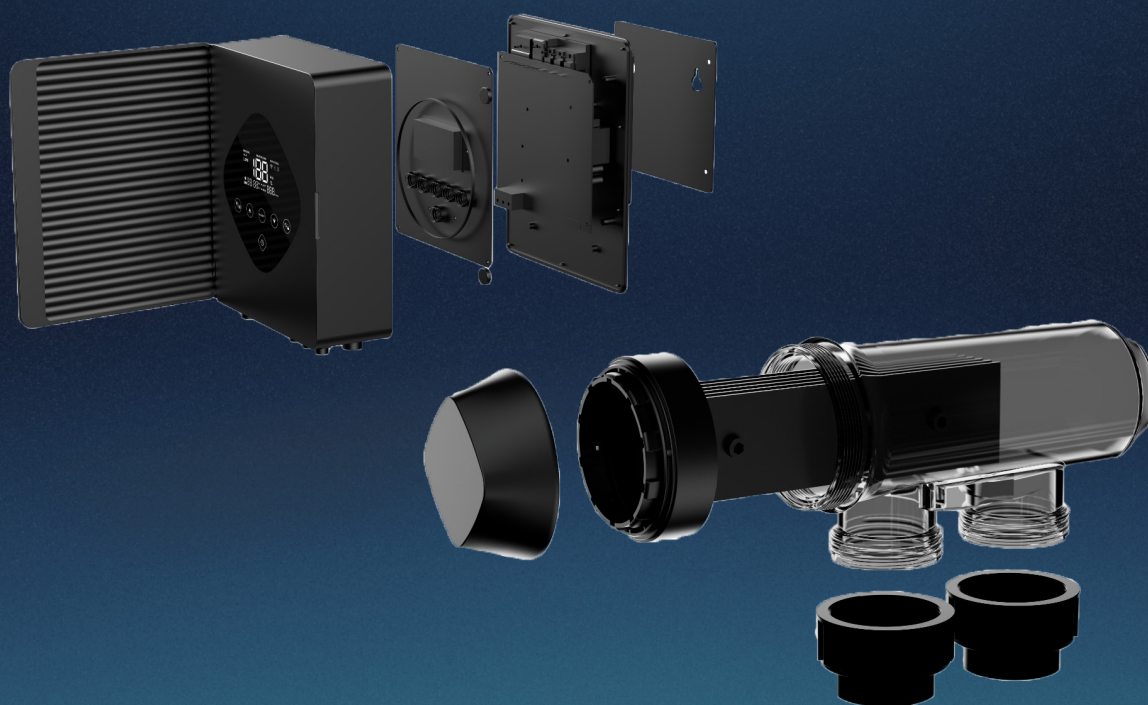
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inverCHLOR revolutionizes pool chlorination with exceptional performance in both salt and mineral pools. This intelligent system ensures accurate, convenient, and efficient pool sanitization. With adjustable settings and real-time updates on water chemistry, it maintains optimal conditions throughout the varying seasons.

A standout feature is its high performance cell, supported by a intelligent control system that minimizes strain on the unit. The intelligent control system minimises strain on the unit, extending cell life. inverCHLOR also boasts a UV-protected front cover and a touch screen LCD for easy configuration. All these features are packed into a compact, robust unit, making installation a breeze. Simplify pool maintenance with Madimack's inverCHLOR salt and mineral chlorinator.







## Inverter Technology

Delivers optimized and controlled performance.



## Modular Retrofit Cell

Designed as a flexible retrofit solution, the InverCHLOR fits to the most common plumbing configurations.



## Inbuilt intelligence

Provides smart alerts and notifications, featuring an inbuilt LCD touchscreen for easy navigation.



## 4-year Warranty

Backed by a 4 year cell replacement warranty or 10,000 hours.



## Auto Reverse Polarity

Reduces calcium buildup.



## Self-contained

Automation not required.



## Tried and tested

In Australian pools for unmatched reliability.



## Warranty



## Technical Specifications\*

| Model                               | inverChlor MC150                          | inverChlor MC250 | inverChlor MC400 |
|-------------------------------------|-------------------------------------------|------------------|------------------|
| Product Code                        | MC150NA                                   | MC250NA          | MC400NA          |
| Pool Volume Up to (Gal)             | 15,000 Gallons                            | 25,000 Gallons   | 40,000 Gallons   |
| Pool Volume Up to (Litres)          | 57,000 Litres                             | 95,000 Litres    | 150,000 Litres   |
| Chlorine 24h (3000ppm)              | 0.85lb - 384g                             | 1.38lb - 624g    | 1.91lb - 864g    |
| Chlorine 24h (1200ppm)              | 0.38lb - 173g                             | 0.74lb - 280g    | 0.86lb - 389g    |
| Cell amps (3000ppm / 1200ppm)       | 7 / 4.6                                   | 11 / 7           | 14 / 8.4         |
| Cell voltage (v)                    | 12                                        | 12               | 12               |
| Power Consumption (w)               | 104                                       | 151              | 197              |
| Power supply (Vac)                  | 100-240v (50/60hz)                        |                  |                  |
| IP Rating                           | IP65                                      |                  |                  |
| Salt Range (ppm)                    | 1200-6000ppm                              |                  |                  |
| Recommended Salt Level (ppm)        | 3000ppm                                   |                  |                  |
| Operating temp (°F) / (°C)          | 23-108°F / -5 - 42°C                      |                  |                  |
| Optimum water temp (°F) / (°C)      | 50-104°F / 10-40°C                        |                  |                  |
| Control unit dimensions (in) / (mm) | 9.65 x 7.87 x 3.15in / 245 x 200 x 80mm   |                  |                  |
| Cell dimensions (in) / (mm)         | 12.87 x 4.61 x 5.97in / 327 x 117 x 150mm |                  |                  |
| Water connection (in) / (mm)        | 1.5 & 2in / 40 & 50mm                     |                  |                  |

\*\*All measurements calculated at 77°F / 25°C water temperature

\* Specifications are for reference only. For specific data please refer to the product name plate.

\* 10,000 operating hours on the cell.

# *elite***CLEAR** CARTRIDGE FILTERS

## **Deliver optimal Sparkling clear water**

---

Built for durability and efficiency, the Madimack EliteClear Single-Element Cartridge Filter is designed with high-strength, UV-resistant materials to extend its lifespan. Its compact, low-profile design makes it ideal for pools with limited space, while the advanced filtration system ensures superior dirt-catching capability for consistently crystal-clear water.







# eliteCLEAR<sup>®</sup> CARTRIDGE FILTERS



## Large one-piece cartridge element

greater filtration surface for trapping more dirt and debris, reducing cleaning needs and eliminating backwashing, saving water and chemicals



## Locking ring with quick-release latch

quick and easy access for maintenance



**High flow, single element**  
cartridge filter for sparkling clear water



## Large water drain

enables fast and simple winterization



## Easy cleaning

just rinse with a garden hose



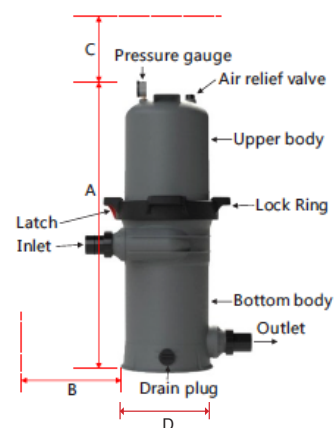
**Indicative pressure gauge**  
shows when servicing is needed



## Technical Specifications\*



| Model                            | A               |                | REQUIRED CLEARANCE |      |                   |    |       |       |
|----------------------------------|-----------------|----------------|--------------------|------|-------------------|----|-------|-------|
|                                  |                 |                | "B" Sides          |      | "C" Above         |    | "D"   |       |
|                                  | IN              | CM             | IN                 | CM   | IN                | CM | IN    | CM    |
| Elite Clear Cartridge Filter 150 | 36              | 91.2           | 18.3               | 46.4 | 18                | 45 | 18.30 | 46.40 |
| Elite Clear Cartridge Filter 200 | 40.7            | 103.4          | 18.3               | 46.4 | 18                | 45 | 18.30 | 46.40 |
| SKU                              | FILTER AREA     |                | MAX FLOW RATE      |      |                   |    |       |       |
|                                  | FT <sup>2</sup> | M <sup>2</sup> | GPM                | LPM  | M <sup>3</sup> /H |    |       |       |
| 71100                            | 150             | 13.94          | 120                | 455  | 27.2              |    |       |       |
| 71101                            | 200             | 18.58          | 120                | 455  | 27.2              |    |       |       |





## The first line of defense for a cleaner pool

---

Catch the dirt before it enters your filtration.

Using advanced centrifugal pre-filtration hydro-cyclones, the ecoSPIN Pre-Filter removes up to 80% of incoming sediment before it reaches your media filter. The result? Better water clarity, fewer service headaches, and longer-lasting equipment performance.

Engineered to handle commercial-grade demands with no moving parts and no media to replace, the ecoSPIN delivers durable, low-maintenance filtration, reducing time, money and problems.





# ecoSPIN



### Commercial Grade

Built with reinforced thermoplastic construction and designed to withstand demanding, high-flow environments.



### No Filter Media to Clean or Replace

Keeps maintenance simple and cost-effective with no moving parts and no consumable media.



### NSF Approved

Certified to meet strict public health and safety standards.



### Centrifugal Pre-Filtration

Uses 16 hydro-cyclones to spin out up to 80% of dirt and sediment before it reaches the main filter.



### Minimizes Filter Maintenance & Saves Water

Reduces backwashing and cartridge cleaning by capturing sediment before it hits the media filter.



### Pressure Rating: 690 kPa (100 psi)

Engineered for robust operation under high system pressures, delivering stable performance.

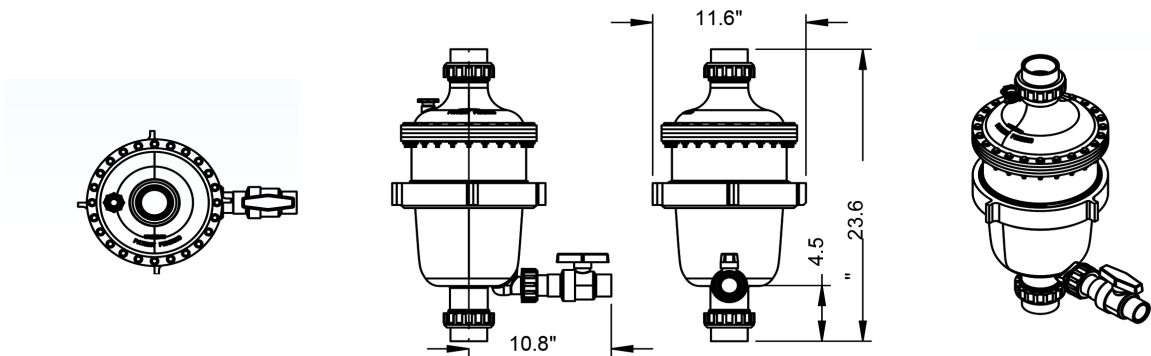


Warranty

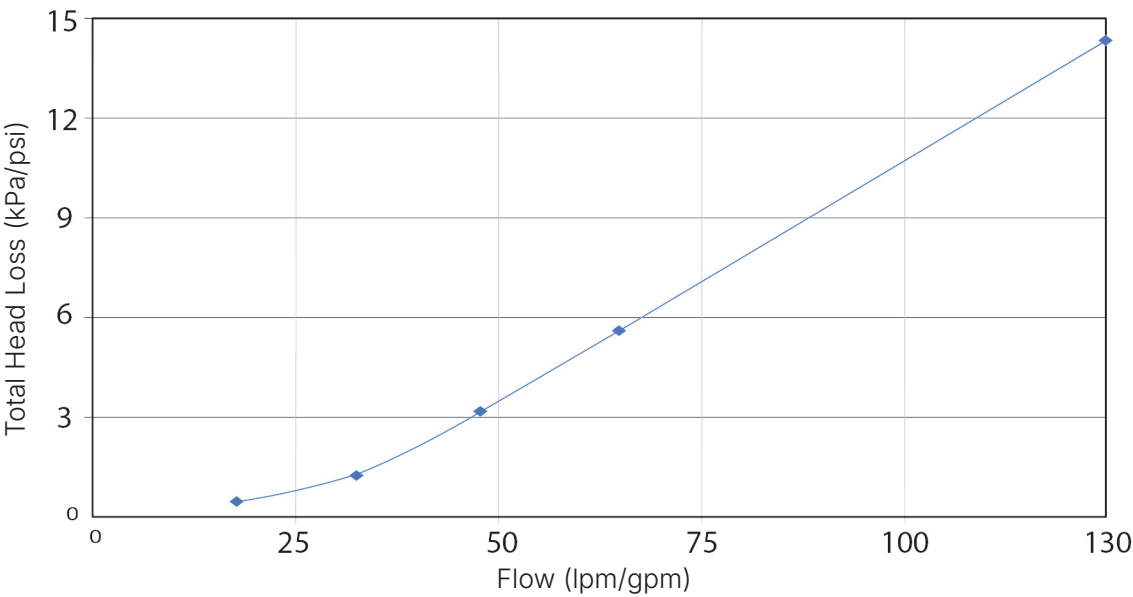


Technical Specifications\*

| Model Name         | Conection Ports | Minimum Flow | Maximum Flow | Maximum Pressure |
|--------------------|-----------------|--------------|--------------|------------------|
| ecoSPIN Pre-Filter | 2"              | 13.2GPM      | 132GPM       | 100psi           |



Head Loss



\* Specifications are for reference only. For specific data please refer to the product name plate.

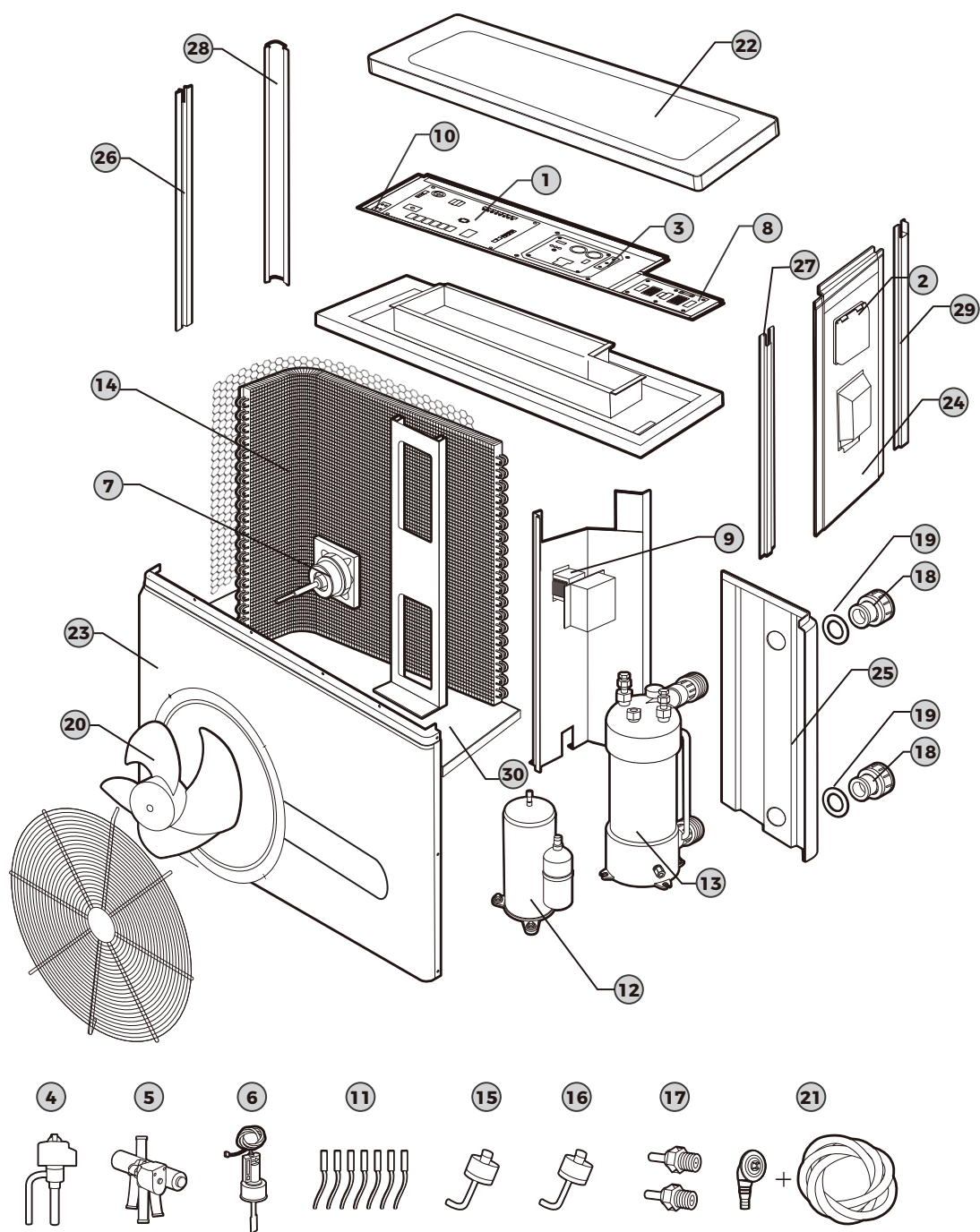






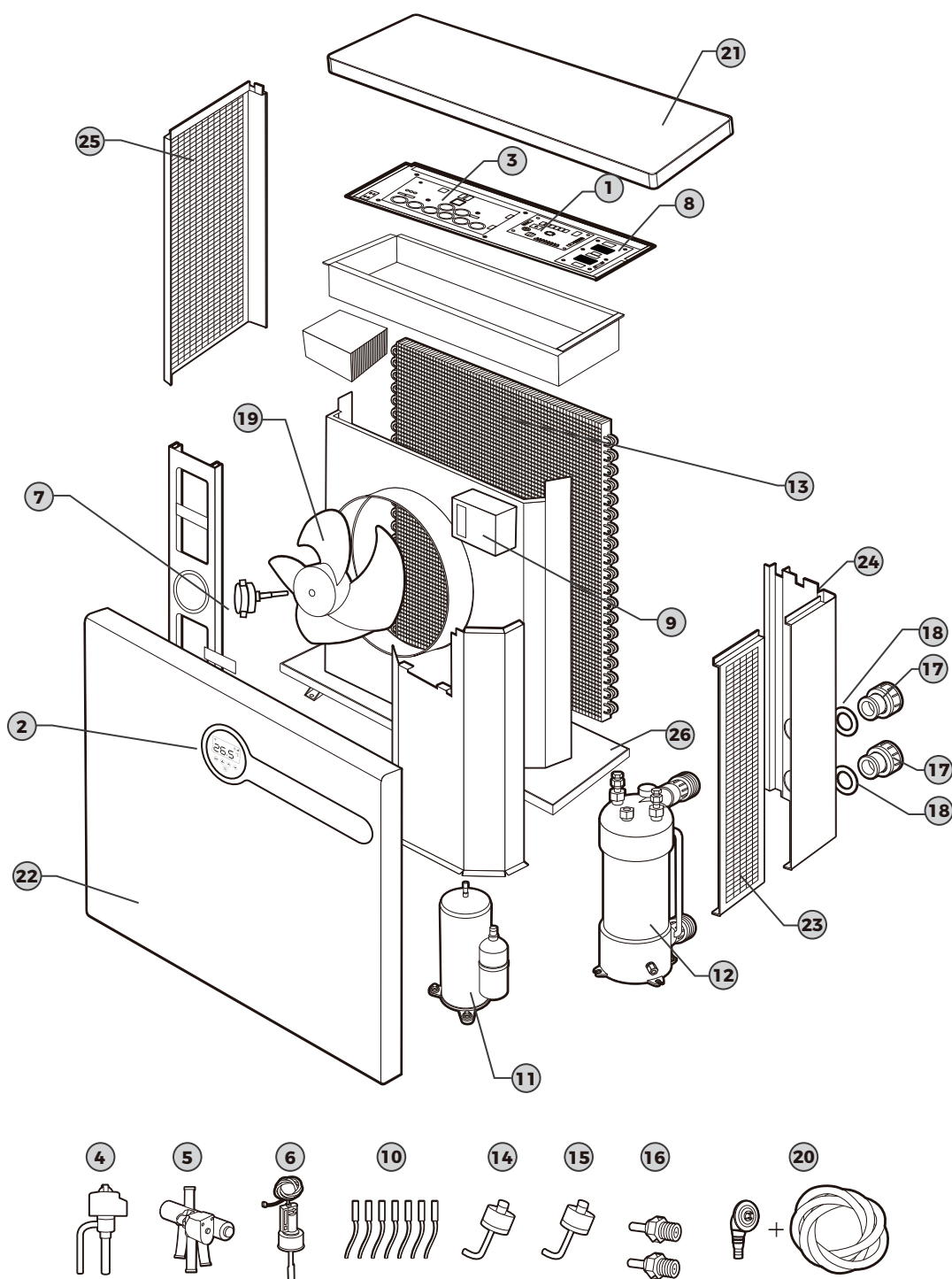
# SPARE PARTS

Our spares section offers a comprehensive range of high-quality spare parts for a range of our products. From replacement components to essential add-ons, you'll find everything necessary to support long-lasting performance and hassle-free maintenance.





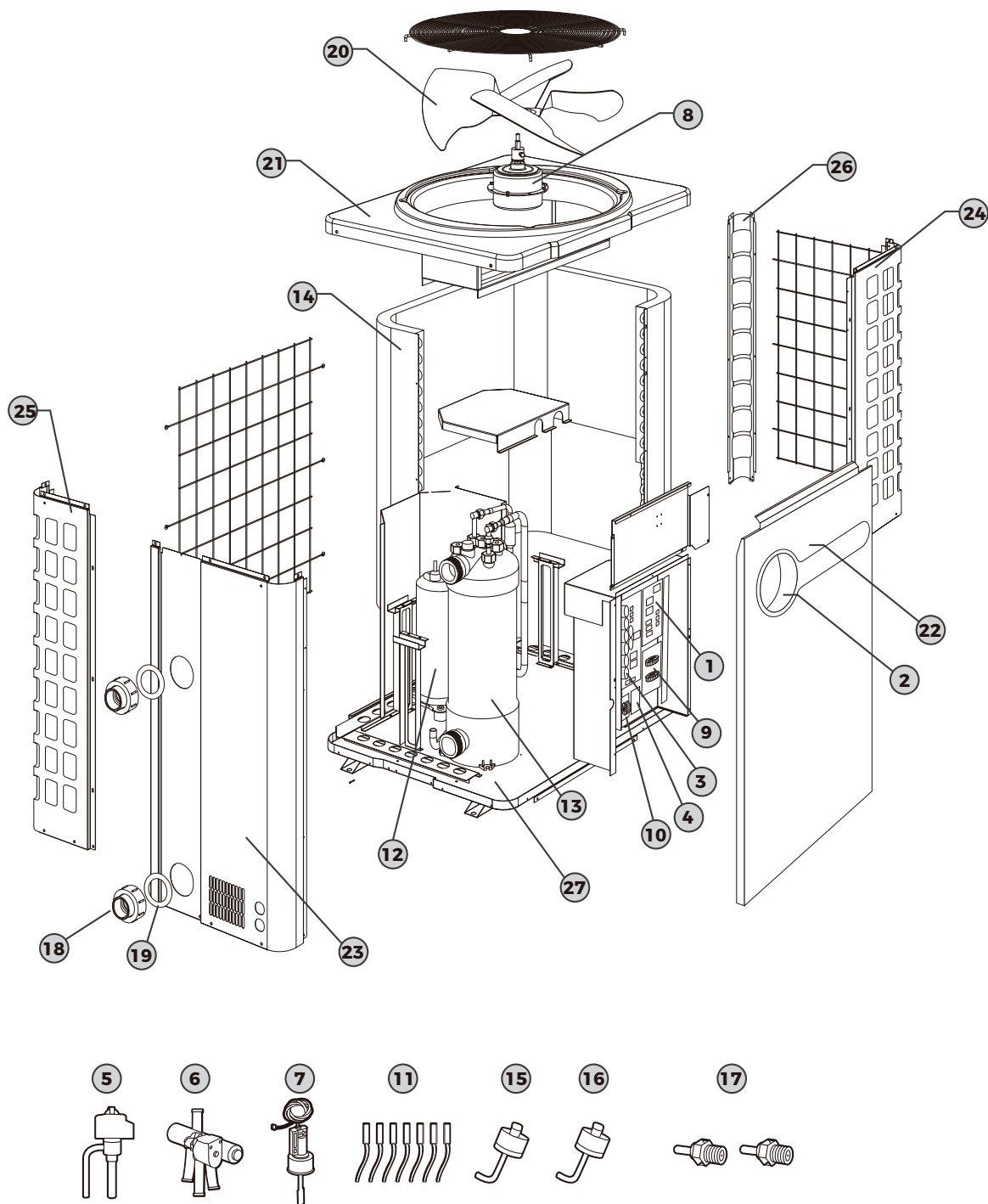
| Exploded Diagram | Description                        | InverEco 320 | InverEco 400 | InverEco 500 | InverEco 660 |
|------------------|------------------------------------|--------------|--------------|--------------|--------------|
|                  | <b>Electrical Parts</b>            |              |              |              |              |
| 1                | PC board (Heat&Cool)               | SP11001      | SP11033      | SP11038      | SP11047      |
| 2                | LED controller (Heat&Cool)         | SP11002      | SP11002      | SP11002      | SP11002      |
| 3                | Inverter board                     | SP11003      | SP11034      | SP11039      | SP11048      |
| 4                | Electronic expansion valve         | SP11004      | SP11004      | SP11004      | SP11004      |
| 5                | 4-way valve                        | SP11005      | SP11005      | SP11005      | SP11049      |
| 6                | Water flow switch                  | SP11006      | SP11006      | SP11006      | SP11006      |
| 7                | Fan motor                          | SP11007      | SP11007      | SP11007      | SP11007      |
| 8                | Power filter board                 | SP11008      | SP11008      | SP11040      | SP11050      |
| 9                | Reactor                            | SP11009      | SP11009      | SP11009      | SP11051      |
| 10               | Fan motor capacitor                | SP11010      | SP11010      | SP11010      | SP11010      |
| 11               | Sensors(full set)                  | SP11011      | SP11011      | SP11011      | SP11011      |
|                  | <b>Refrigeration parts</b>         |              |              |              |              |
| 12               | Compressor                         | SP11013      | SP11035      | SP11041      | SP11041      |
| 13               | Titanium heat exchanger(Heat&Cool) | SP11014      | SP11014      | SP11042      | SP11052      |
| 14               | Evaporator                         | SP11015      | SP11015      | SP11043      | SP11053      |
| 15               | High pressure protection switch    | SP11016      | SP11016      | SP11016      | SP11016      |
| 16               | low pressure protection switch     | SP11017      | SP11017      | SP11017      | SP11017      |
| 17               | Shrader valve                      | SP11018      | SP11018      | SP11018      | SP11018      |
|                  | <b>Plumbing and Casing</b>         |              |              |              |              |
| 18               | Union nut and tail (1.5")          | SP11020      | SP11020      | SP11020      | SP11020      |
| 19               | Water union gasket                 | SP11021      | SP11021      | SP11021      | SP11021      |
| 20               | Fan Blade                          | SP11022      | SP11022      | SP11022      | SP11022      |
| 21               | Drainage kit                       | SP11023      | SP11023      | SP11023      | SP11023      |
| 22               | Top cover                          | SP11024      | SP11024      | SP11024      | SP11054      |
| 23               | Front Panel                        | SP11025      | SP11036      | SP11044      | SP11055      |
| 24               | Right Up Panel                     | SP11026      | SP11026      | SP11026      | SP11056      |
| 25               | Right Down Panel                   | SP11027      | SP11027      | SP11027      | SP11057      |
| 26               | Back Panel                         | SP11028      | SP11028      | SP11045      | SP11058      |
| 27               | Pole                               | SP11029      | SP11029      | SP11029      | SP11029      |
| 30               | Bottom board                       | SP11030      | SP11037      | SP11046      | SP11059      |
|                  | <b>Other Parts</b>                 |              |              |              |              |
| 31               | WiFi Box                           | SP11032      | SP11032      | SP11032      | SP11032      |



| Exploded Diagram | Description                               | InverElite1100 |
|------------------|-------------------------------------------|----------------|
|                  | <b>Electrical Parts</b>                   |                |
| 1                | PC board (Heat&Cool)                      | SP11104        |
| 2                | Round Touch controller (With wifi module) | SP11061        |
| 3                | Inverter board                            | SP11105        |
| 4                | Electronic expansion valve                | SP11106        |
| 5                | 4-way valve                               | SP11107        |
| 6                | Water flow switch                         | SP11006        |
| 7                | Fan motor                                 | SP11108        |
| 8                | Power filter board                        | SP11085        |
| 9                | Reactor                                   | SP11109        |
| 10               | Sensors(full set)                         | SP11011        |
|                  | <b>Refrigeration Parts</b>                |                |
| 11               | Compressor                                | SP11087        |
| 12               | Titanium heat exchanger(Heat&Cool)        | SP11111        |
| 13               | Evaporator                                | SP11112        |
| 14               | High pressure protection switch           | SP11016        |
| 15               | low pressure protection switch            | SP11017        |
| 16               | Shrader valve                             | SP11018        |
|                  | <b>Plumbing and Casing</b>                |                |
| 17               | Union nut and tail (2")                   | SP11072        |
| 18               | Water union gasket                        | SP11073        |
| 19               | Fan Blade                                 | SP11074        |
| 20               | Drainage kit                              | SP11023        |
| 21               | Top cover                                 | SP11113        |
| 22               | Front Panel                               | SP11114        |
| 23               | Right side grille                         | SP11115        |
| 24               | Back Panel                                | SP11116        |
| 25               | Left rear pole                            | SP11117        |
| 26               | Bottom board                              | SP11118        |

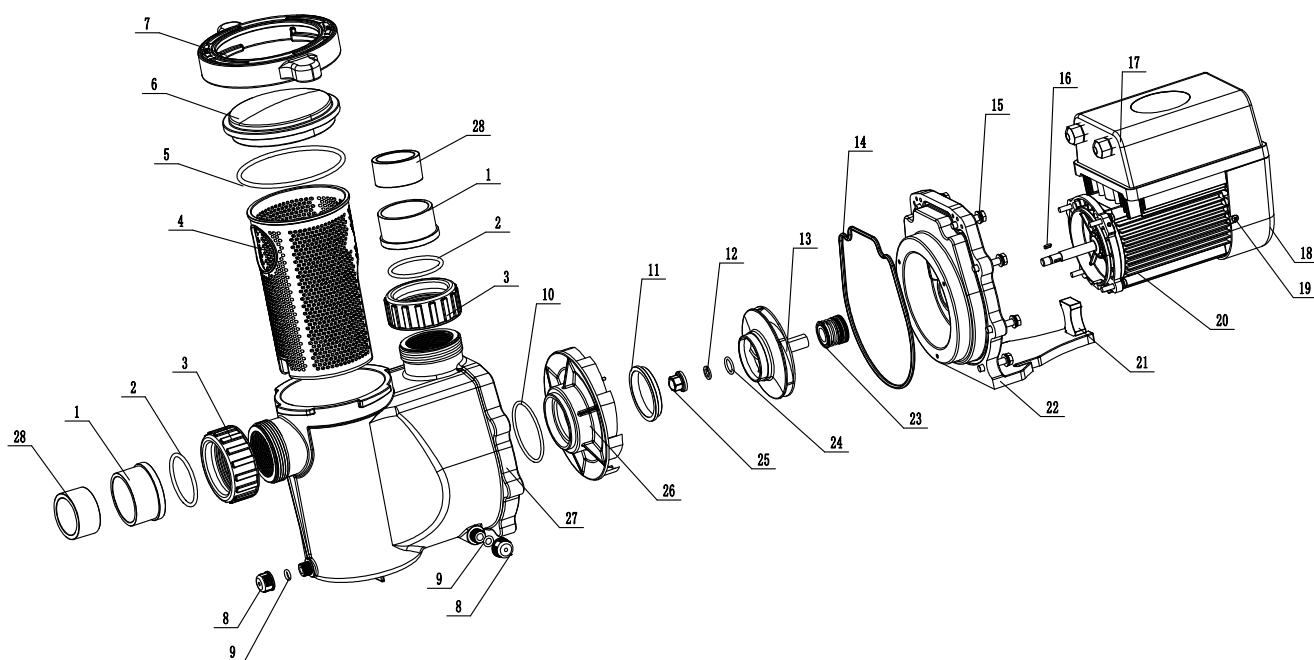


# inver**TITAN**



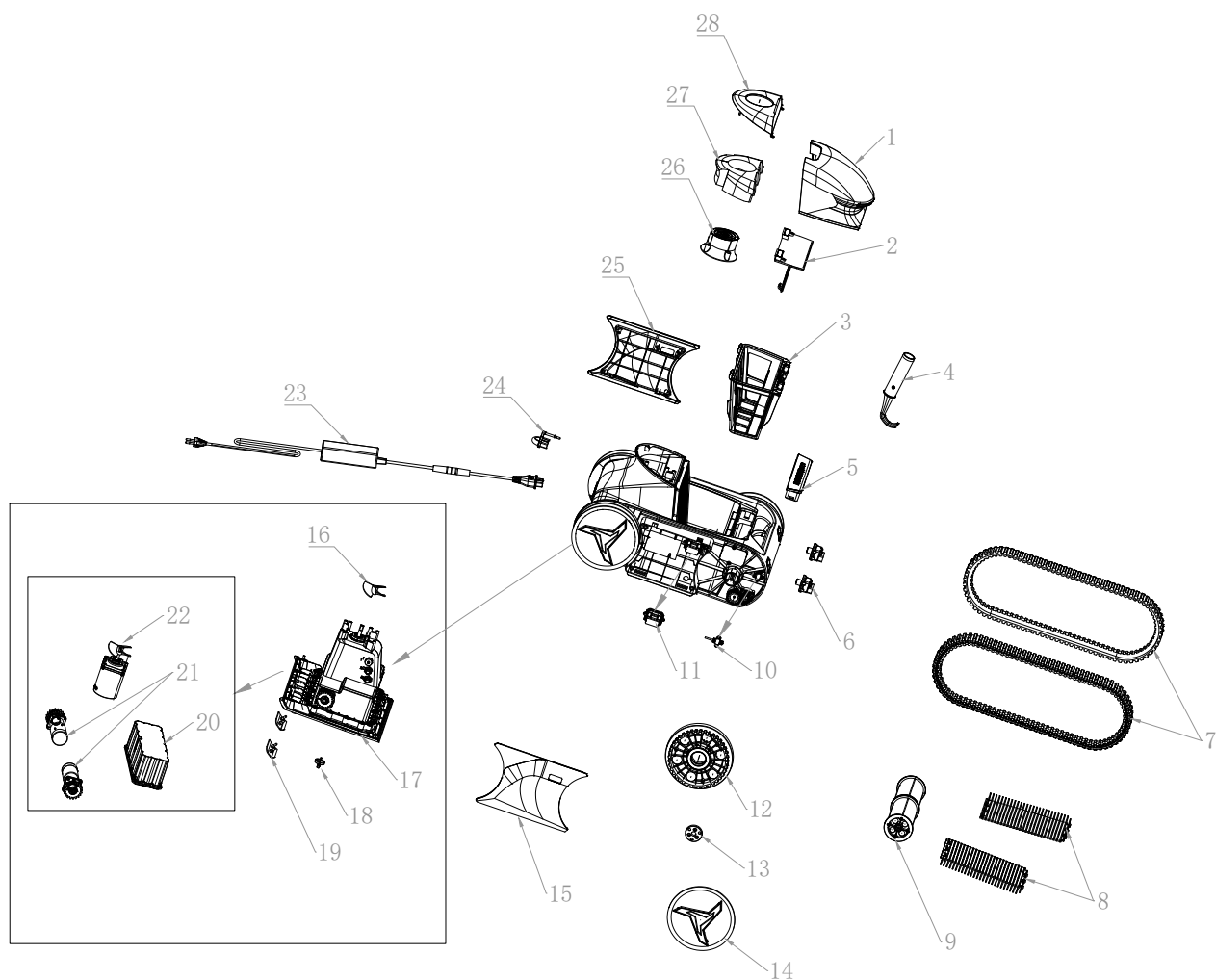
| Exploded Diagram | Description                               | INVTIT090 | INVTIT112 | INVTIT140 |
|------------------|-------------------------------------------|-----------|-----------|-----------|
|                  | <b>Electrical Parts</b>                   |           |           |           |
| 1                | PC board (Heat&Cool)                      | SP11060   | SP11082   | SP11093   |
| 2                | Round Touch controller (With wifi module) | SP11061   | SP11061   | SP11061   |
| 3                | Inverter board                            | SP11062   | SP11083   | SP11094   |
| 4                | Fan motor driver module                   | SP11063   | SP11063   | SP11063   |
| 5                | Electronic expansion valve                | SP11064   | SP11084   | SP11095   |
| 6                | 4-way valve                               | SP11065   | SP11065   | SP11065   |
| 7                | Water flow switch                         | SP11006   | SP11006   | SP11006   |
| 8                | Fan motor                                 | SP11066   | SP11066   | SP11066   |
| 9                | Power filter board                        | SP11067   | SP11085   | SP11096   |
| 10               | Reactor                                   | SP11068   | SP11086   | SP11097   |
| 11               | Sensors(full set)                         | SP11011   | SP11011   | SP11011   |
|                  | <b>Refrigeration parts</b>                |           |           |           |
| 12               | Compressor                                | SP11069   | SP11087   | SP11098   |
| 13               | Titanium heat exchanger(Heat&Cool)        | SP11070   | SP11088   | SP11099   |
| 14               | Evaporator                                | SP11071   | SP11089   | SP11100   |
| 15               | High pressure protection switch           | SP11016   | SP11016   | SP11016   |
| 16               | low pressure protection switch            | SP11017   | SP11017   | SP11017   |
| 17               | Shrader valve                             | SP11018   | SP11018   | SP11018   |
|                  | <b>Plumbing and Casing</b>                |           |           |           |
| 18               | Union nut and tail (2")                   | SP11072   | SP11072   | SP11072   |
| 19               | Water union gasket                        | SP11073   | SP11073   | SP11073   |
| 20               | Fan Blade                                 | SP11074   | SP11074   | SP11100   |
| 21               | Top cover                                 | SP11075   | SP11075   | SP11075   |
| 22               | Front Panel                               | SP11076   | SP11076   | SP11076   |
| 23               | Left Panel                                | SP11077   | SP11090   | SP11101   |
| 24               | Right Panel                               | SP11078   | SP11078   | SP11078   |
| 25               | Back left pole                            | SP11079   | SP11091   | SP11102   |
| 26               | Back right pole                           | SP11080   | SP11080   | SP11080   |
| 27               | Bottom board                              | SP11081   | SP11092   | SP11103   |

# inverFLOW<sup>PLUS</sup>





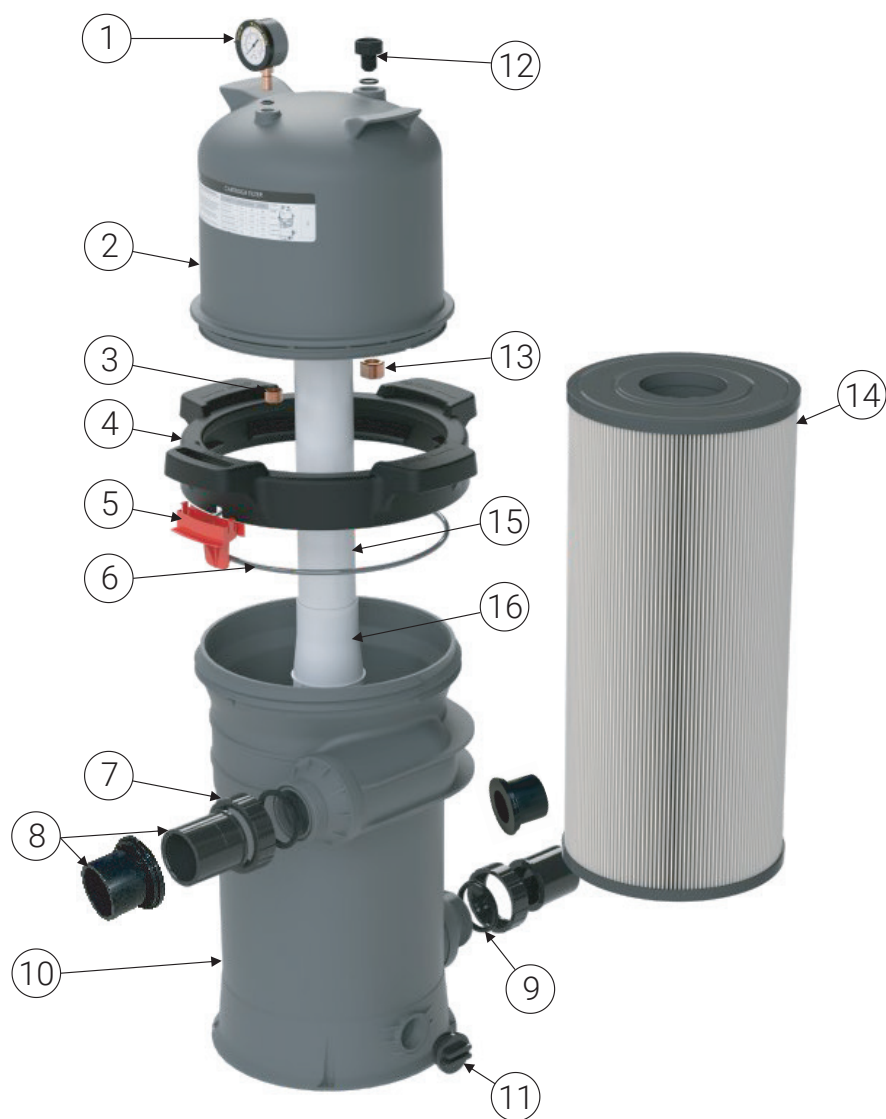
| Exploded Diagram | Description                                    | InverFlow Plus 1.4HP Dual Voltage Inverter VSP | InverFlow Plus 2HP Dual Voltage Inverter VSP |
|------------------|------------------------------------------------|------------------------------------------------|----------------------------------------------|
| 1,2,3            | Union Set (Union Nut, Tail, O-ring 62 x 4.5mm) | SP21001                                        | SP21001                                      |
| 4                | Strainer Basket                                | SP21004                                        | SP21004                                      |
| 5,6              | Transparent Lid & O-ring (128 x 5.23mm)        | SP21005                                        | SP21005                                      |
| 7                | Nut for Lid                                    | SP21007                                        | SP21007                                      |
| 8,9              | Drain Plug O ring                              | SP21008                                        | SP21008                                      |
| 10               | O-Ring (73 x 3.55)                             | SP21010                                        | SP21010                                      |
| 11               | Rotating plate                                 | SP21011                                        | SP21011                                      |
| 12               | Spring washer                                  | SP21012                                        | SP21012                                      |
| 13               | Impeller                                       | SP21013                                        | SP21013                                      |
| 14               | Sealing Gasket                                 | SP21014                                        | SP21014                                      |
| 15               | Bolt Set                                       | SP21015                                        | SP21015                                      |
| 16               | Washer                                         | SP21016                                        | SP21016                                      |
| 17               | Inverter Controller                            | SP21061                                        | SP21062                                      |
| 18               | Motor fan cover                                | SP21018                                        | SP21018                                      |
| 19               | Fan cover screws                               | SP21019                                        | SP21019                                      |
| 20               | Permenant magnet motor                         | SP21020                                        | SP21063                                      |
| 21               | Rubber spacer                                  | SP21021                                        | SP21021                                      |
| 22               | Seal Plate&Base                                | SP21022                                        | SP21022                                      |
| 23               | Mechanical Seal                                | SP21023                                        | SP21023                                      |
| 24               | Nylon washer                                   | SP21024                                        | SP21024                                      |
| 25               | Impellar hex nut                               | SP21025                                        | SP21025                                      |
| 26               | Diffuser                                       | SP21026                                        | SP21026                                      |
| 27               | Wet end housing                                | SP21027                                        | SP21027                                      |
| 28               | Reducer Bushing 2" to 1.5"                     | SP21028                                        | SP21028                                      |
| Other            | O-ring for Impeller (17 x 2.65)                | SP21030                                        | SP21030                                      |
| Accessory        | Control cable and plug+10m DI, RS485           | SP21029                                        | SP21029                                      |



| Exploded Diagram | Description                         | FREEi30 | FREEi45 | FREEi60 | FREEi80 |
|------------------|-------------------------------------|---------|---------|---------|---------|
| 1                | Top cover of filter cartridge       | SP31001 | SP31001 | SP31001 | SP31001 |
| 2                | Filter mesh connector--100µm        | SP31002 | SP31002 | SP31002 | SP31002 |
| 3                | Filter basket bottom section--100µm | SP31003 | SP31003 | SP31003 | SP31003 |
| 4                | Hook with clip                      | SP31004 | SP31004 | SP31004 | SP31004 |
| 5                | Control panel                       | SP31005 | SP31005 | SP31005 | SP31005 |
| 6                | Front infrared sensor               | SP31006 | SP31006 | SP31006 | SP31006 |
| 7                | Track belt                          | SP31007 | SP31007 | SP31007 | SP31007 |
| 8                | Brush                               | SP31008 | SP31008 | SP31008 | SP31008 |
| 9                | Roller                              | SP31009 | SP31009 | SP31009 | SP31009 |
| 10               | Out-of-water sensor                 | SP31010 | SP31010 | SP31010 | SP31010 |
| 11               | Side infrared sensor                | SP31011 | SP31011 | SP31011 | SP31011 |
| 12               | Driving wheel kit                   | SP31012 | SP31012 | SP31012 | SP31012 |
| 13               | End bearing cover                   | SP31013 | SP31013 | SP31013 | SP31013 |
| 14               | Wheel cover kit (with screws)       | SP31014 | SP31014 | SP31014 | SP31014 |
| 15               | Left side cover (with screws)       | SP31015 | SP31015 | SP31015 | SP31015 |
| 16               | Impeller (with screws)              | SP31016 | SP31016 | SP31016 | SP31016 |
| 17               | Motor box                           | SP31017 | SP31017 | SP31017 | SP31017 |
| 18               | Magnetic cap with label             | SP31018 | SP31018 | SP31018 | SP31018 |
| 19               | Drain cover                         | SP31019 | SP31019 | SP31019 | SP31019 |
| 20               | Battery                             | SP31020 | SP31029 | SP31030 | SP31031 |
| 21               | Driving motor                       | SP31021 | SP31021 | SP31021 | SP31021 |
| 22               | Water pump motor                    | SP31022 | SP31022 | SP31022 | SP31022 |
| 23               | Waterproof Charging Kit (NA)        | SP31023 | SP31023 | SP31023 | SP31023 |
| 24               | Charger port cover                  | SP31024 | SP31024 | SP31024 | SP31024 |
| 25               | Right side cover (with screws)      | SP31025 | SP31025 | SP31025 | SP31025 |
| 26               | Fairing for impeller (with screws)  | SP31026 | SP31026 | SP31026 | SP31026 |
| 27               | Form                                | SP31027 | SP31027 | SP31027 | SP31027 |
| 28               | Fairing cover                       | SP31028 | SP31028 | SP31028 | SP31028 |



# *elite***CLEAR** CARTRIDGE FILTERS



| Key No. | Part No.                        | Madimack Code |
|---------|---------------------------------|---------------|
| 1       | 117068519                       | 5100          |
| 2       | 550188199                       | 5101          |
| 2       | 550188200                       | 5102          |
| 3       | 570818164                       | 5103          |
| 4       | 550058153                       | 5104          |
| 5       | 550058196                       | 5105          |
| 6       | 11000036                        | 5106          |
| 7       | 430178159                       | 5107          |
| 8       | 430308158                       | 5108          |
| 8       | 430309780                       | 5109          |
| 8       | 430309779                       | 51010         |
| 8       | 430309059                       | 51011         |
| 9       | 111040071                       | 51012         |
| 10      | E140401                         | 51013         |
| 11      | E160553                         | 51014         |
| 12      | E010201                         | 51015         |
| 13      | 570818165                       | 51016         |
| 14      | 914100005                       | 51017         |
| 14      | 914100006                       | 51018         |
| 15      | 107048520                       | 51019         |
| 15      | 107048520                       | 51020         |
| 16      | 550128166                       | 51021         |
| 7, 8, 9 | 430178159, 430178159, 111040071 | 51022         |

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# madimack

[www.madimack.com](http://www.madimack.com)

