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VUME

Retro-Fit Plug Kit

Low Voltage Only 12v AC ~15v AC

UL CERTIFIED

CAUTION: RISK OF ELECTRIC SHOCK. PLEASE READ THIS BEFORE PROCEEDING.

Vume LED Pool / Spa Lights are UL Listed to be installed with a factory-installed Plug Kit or a field-installed Plug Kit. Here we describe how to "field install" the Plug Kit onto an existing cable and to connect to a Vume Pool or Spa Light. Read the instructions supplied with the Vume Pool Light or Vume Spa Light before proceeding.

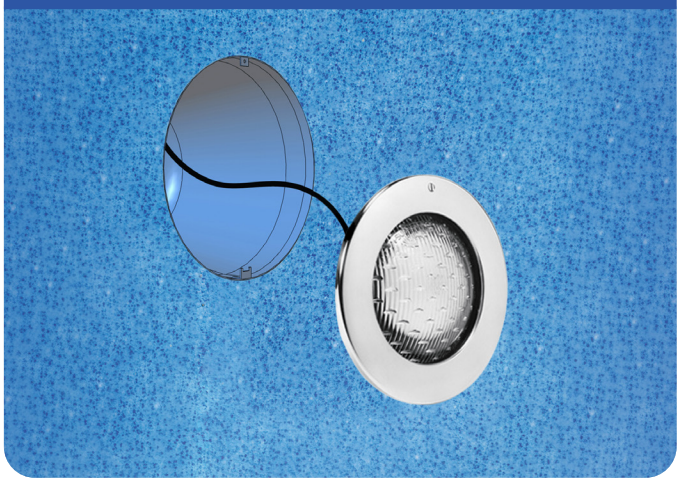
CONFIRM THAT POWER HAS BEEN TURNED OFF to the existing underwater light that is being replaced and the main breaker. If you cannot ensure that power has been disconnected, then do not continue with the installation.

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CAUTION: CONFIRM VOLTAGE BEFORE PROCEEDING.

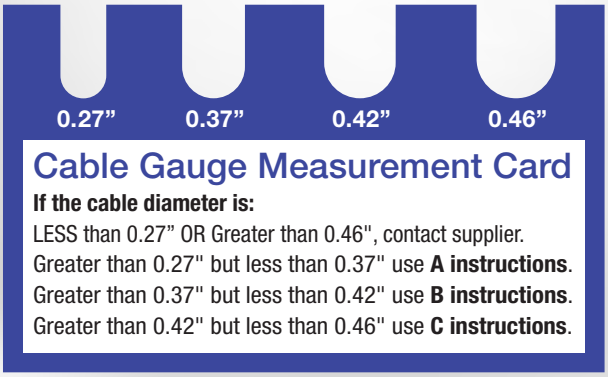
For supply connection, use only an isolating low voltage power supply with ungrounded output, evaluated for swimming pool use. Vume Pool and Spa lights can only operate from a 12 volt AC ~ 15 volt AC power supply. The power supply must be installed in accordance with the National Electric Code. Failure to comply with this installation requirement could cause electric shock, resulting in serious injury or death.

STEP 1



Confirm that the power has been turned off, then unscrew the existing underwater light and disengage it from the niche and float the light to deck level.

STEP 2



Use the included Cable Gauge Measurement Card (pictured above) to determine the cable diameter.

- If the diameter is less than 0.27” (6.85mm) then contact Madimack to obtain a suitable Plug Kit.
- If the diameter is greater than 0.46” (11.8mm), then the cable is too thick for the Plug Kit to be fitted. A new cable must be pulled through.

Otherwise, proceed to next step.

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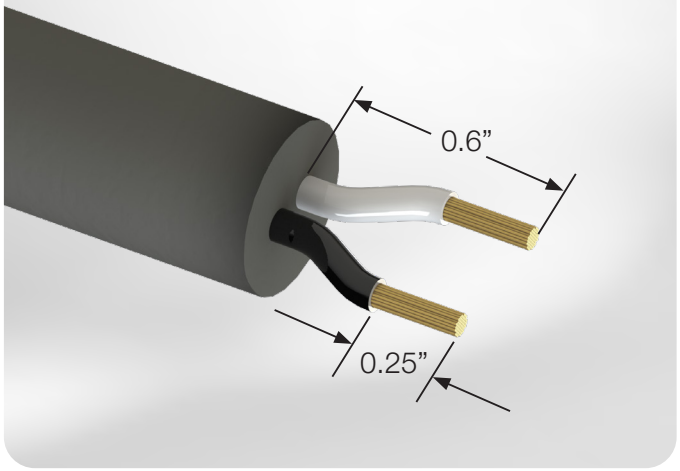
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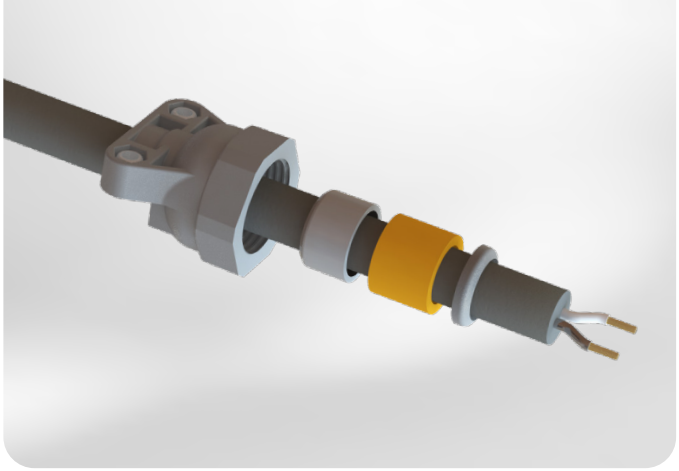
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STEP 3



Cut the existing pool/spa light cable close to the rear of the existing light. Remove 0.6” of outer cable insulation. Strip 0.25” of wire insulation. If the copper wire appears deeply corroded, then the cable may be unsuitable. Contact Madimack for information on measuring the cable integrity to determine if it is suitable—or pull a new cable.

STEP 4



The cable thickness will determine the specific parts in the Plug Kit to be used. After referring to the parts diagram and table on page 6, assemble the required parts of the Plug Kit onto the cable in the order shown. The flat sides of the Thrust Washer and Flat Washer should face the Cable Seal.

STEP 5



For Vume Pool Light – fit the Connector Bracket and then fit the Connector Housing.

For Vume Spa Light – fit the Connector Nut and then fit the Connector Housing.

Note: Connector Housing is factory-fitted with a Winterizing Plug. Remove Plug before installing.

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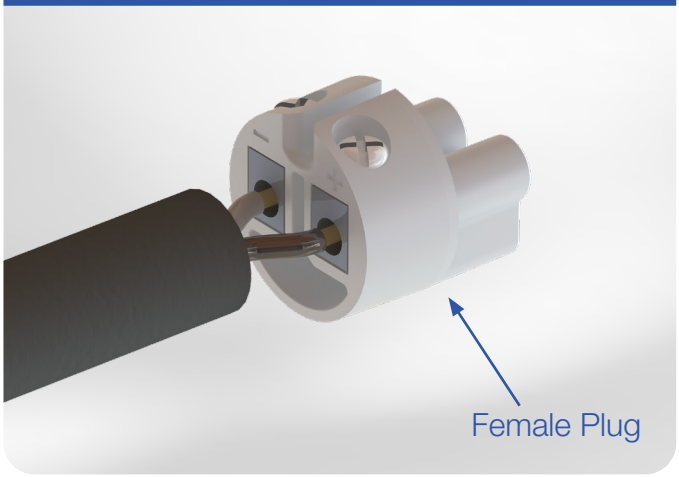
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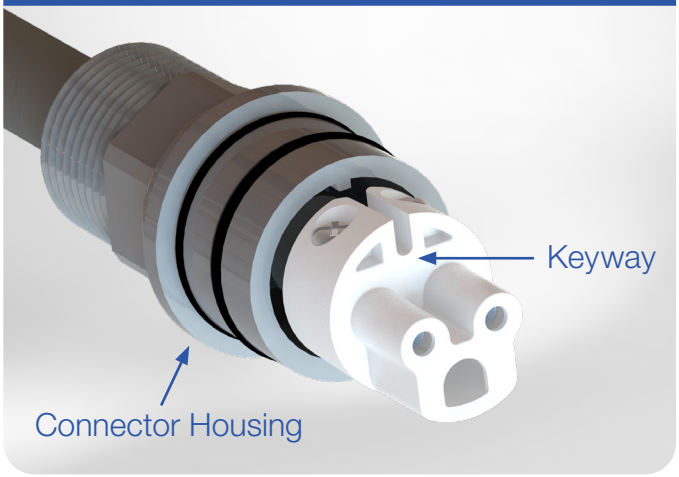
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STEP 6



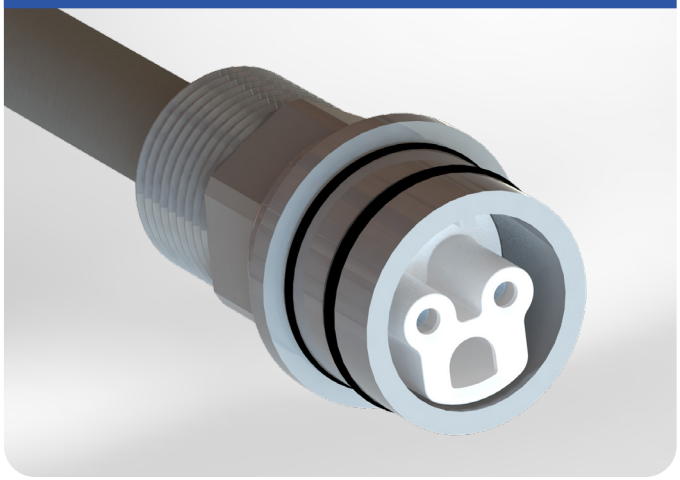
Insert copper wires into terminals on Female Plug and tighten screws all the way. Check that the screws have adequately gripped the copper wires by tugging gently. If the screws do not adequately grip the copper wire, then strip back a greater length and fold the copper wire over.

STEP 7



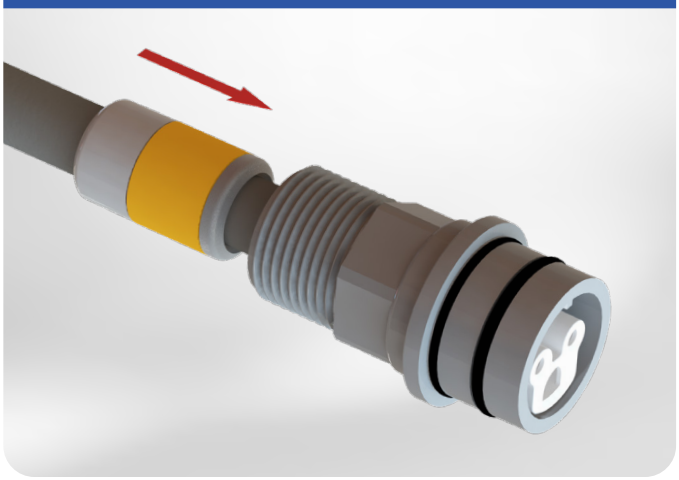
Push Female Plug into Connector Housing. Ensure it pushes all the way into the "tongue and groove" keyway, so that the end of Female Plug finishes flush with end of Connector Housing.

STEP 8



Female Plug correctly fitted and fully pushed into Connector Housing.

STEP 9



Slide the cable seal parts into the body of the Connector Housing. Add o-ring lubricant to assist if needed.

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STEP 10

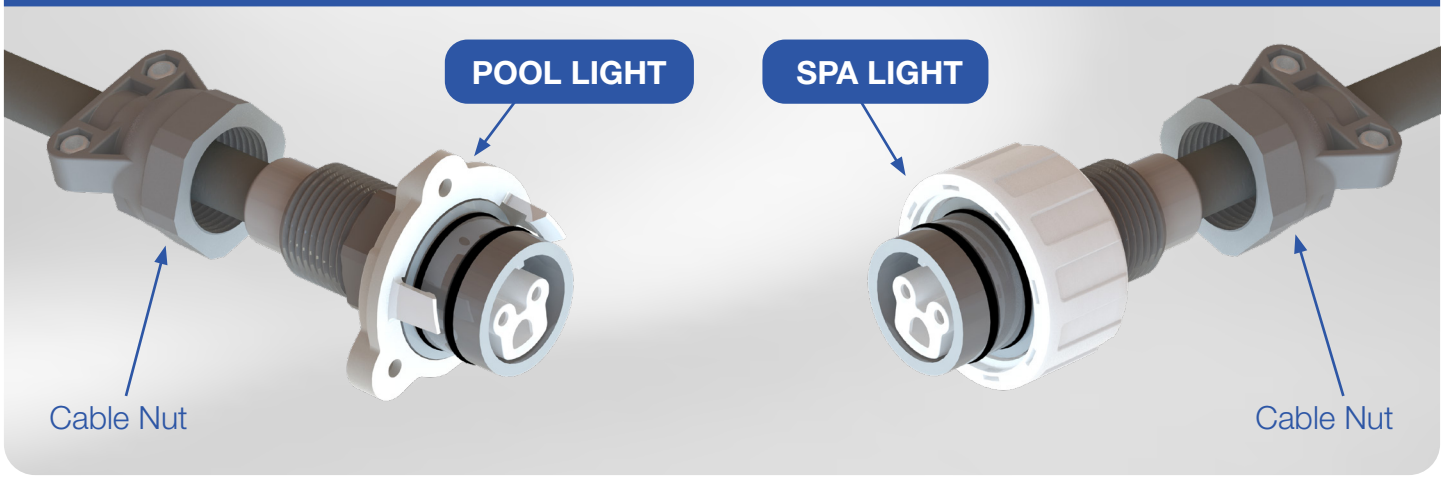
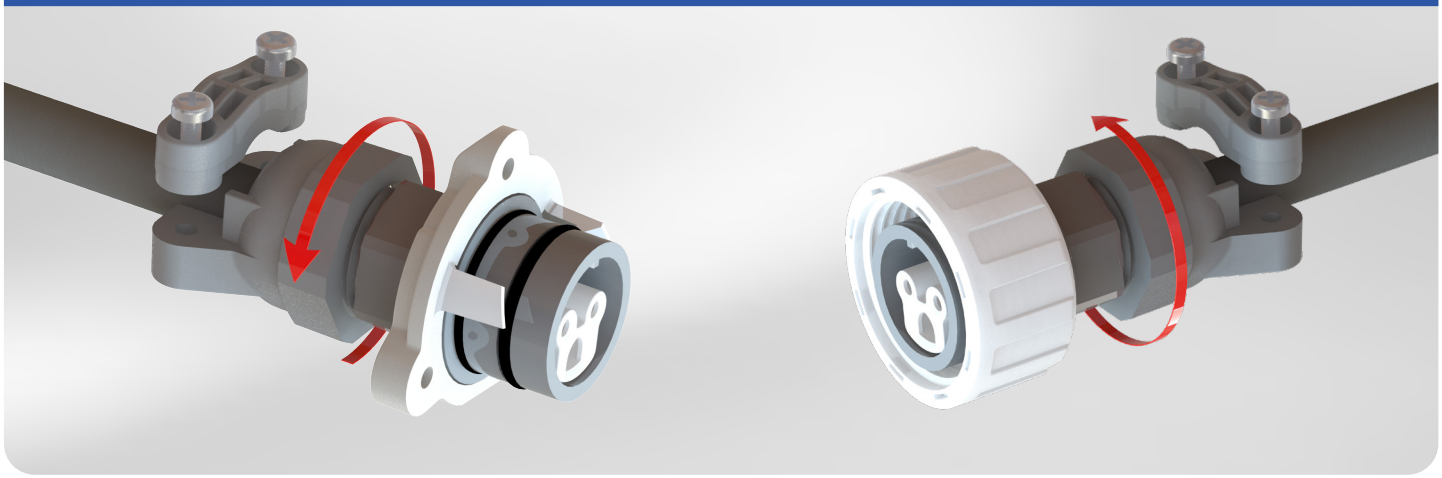


Image shows the cable seal parts correctly inserted into the Connector Housing.

STEP 11 & 12



Tighten the Cable Nut. Hold the hexagonal area of the Connector Housing with multi-grips or adjustable wrench in order to tighten the Cable Nut. Firmly hand tighten.

After the Cable Nut has been tightened, secure the Clamp to the Cable Nut using stainless steel fasteners supplied.

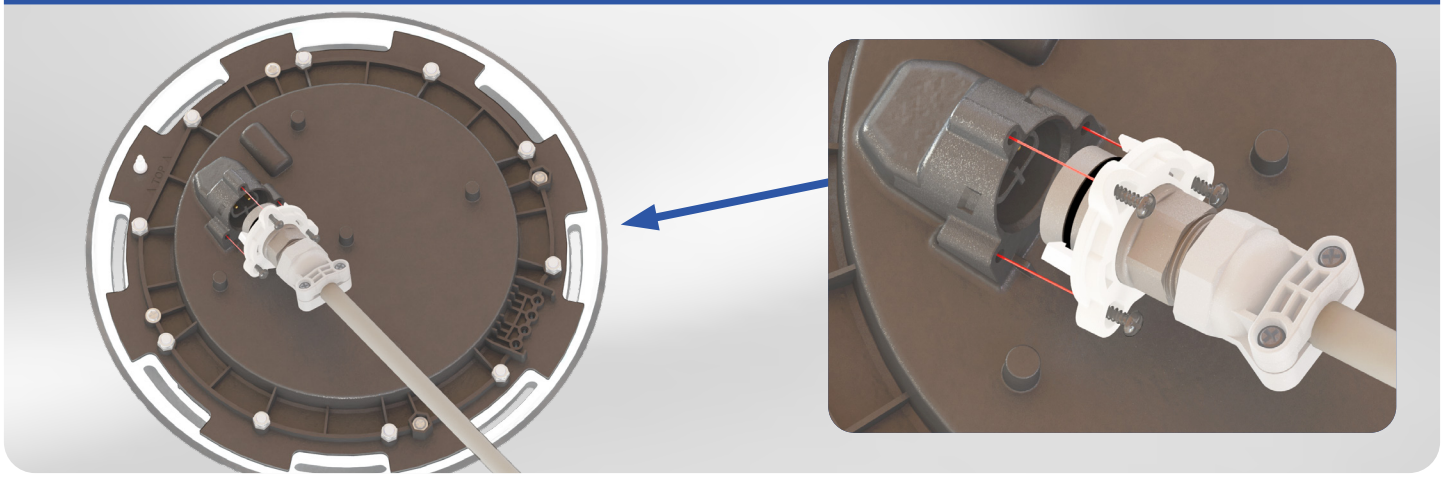
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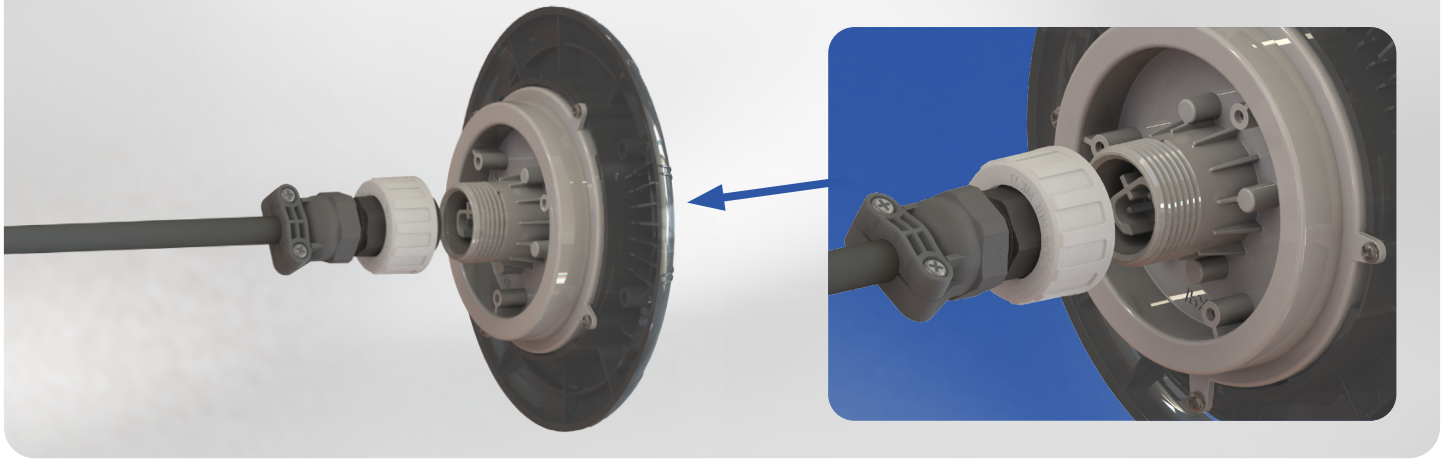
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Connect to Pool Light



The O-rings on the Connector Housing are pre-lubricated, ensure they are clear of any dust and grit. Align the Plug Kit with the exposed metal connector pins at the rear of the new pool light, and push into place, ensuring the clips on the Connector Bracket engage properly. Use a #1 Phillips screwdriver and 3x stainless steel screws (included with Plug Kit) to fasten the Connector Bracket. Do not overtighten. Do not use a battery powered screwdriver.

Connect to Spa Light



The O-rings on the Connector Housing are pre-lubricated, ensure they are clear of any dust and grit. Align the Plug Kit with the exposed metal connector pins at the rear of the new spa light, and push into place. Tighten the Connector Nut firmly by hand.

After the Plug Kit has been properly secured into the Vume Pool Light or Vume Spa Light, turn on the light just long enough to confirm proper functioning. Mount the light into the Niche. Refer to instructions included with the Vume Pool Light or Vume Spa Light.

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Parts Diagram

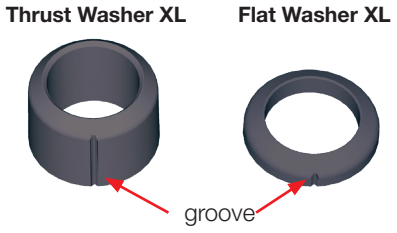


Cable Gauge (as per measurement card)	Cable Diameter	Cable Seal Color/Size	Thrust Washer	Flat Washer	Clamp	Cable Nut Color/Size
A	0.27” ~ 0.37” (6.85mm ~ 9.4mm)	White M / Black L	XL	XL	XL	White XL
B	0.37” ~ 0.42” (9.5mm ~ 10.6mm)	Gray XL	XL	XL	XL	Gray XXL
C	0.42” ~ 0.46” (10.7mm ~ 11.8mm)	Orange XXL	XXL	XXL	XXL	Gray XXL

Select and use a cable seal that fits snugly over the cable, not too loose and not too tight.

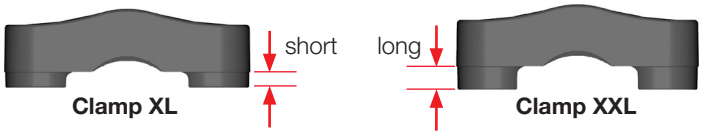
Please Note

To easily distinguish between the XL and XXL Flat Washers and Thrust Washers - there is a groove molded into the XL sizes.



Please Note

To easily distinguish between the XL and XXL Clamps, check the lengths as shown.



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https://madimack.com/us

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Limited Warranty

Standard Conditions: This limited warranty is provided by Madimack LLC (USA), as importer, is the warrantor of this product for the U.S. market and sole authorized provider of warranty service for Vume products. All warranty claims and service must be obtained through Madimack's official channels listed below; claims or service handled through any other party are not covered under this warranty.

IMPORTANT - Full Terms and durations:
For a complete list of warranty periods and product-specific terms, please visit the warranty section at www.madimack.com/us.

Statutory Rights: This document sets forth the comprehensive terms and conditions governing the warranty provided by Madimack. These terms are in addition to, and not a modification of or subtraction from, the statutory warranties and other rights and remedies contained in applicable local legislation.

Limited Warranty Coverage: Please visit www.madimack.com/us for full duration and product-specific terms. Madimack will, at its discretion, repair or replace any product proven to be defective in materials or manufacture during the warranty period. This warranty applies to domestic installations only, is personal to the original purchaser, and is non-transferable.

Exclusions: To the extent permitted by law, Madimack excludes all statutory or implied conditions and warranties. Madimack shall not be liable for any incidental or consequential damages (such as water loss or damage to surrounding structures). The following exclusions apply:

- Incorrect installation or operation resulting from failure to follow provided instructions.
- Damage caused by misuse, neglect, or "acts of God."
- Repairs or servicing performed by unauthorized dealers.
- Faults caused by the use of non-specified accessories or chemicals.
- General wear and tear of consumable items (e.g., seals, O-rings).

Please refer to the warranty terms listed at https://madimack.com/us/support/warranty/terms

Procedure for Warranty Claims:

1. Initial Contact: Owners must contact Madimack via the online portal at www.madimack.com/us or the support numbers listed below.
2. Remote Troubleshooting: A service agent will attempt to resolve the issue via phone or email.
3. Service Type Determination:
    a. Return-to-Base: For portable or shippable units, you are responsible for disconnecting and transporting the product to an authorized service center. You are responsible for all freight and insurance costs to and from the supplier.
    b. On-Site Service: For fixed equipment, Madimack may coordinate an on-site technician. You are responsible for providing clear and safe access to the unit.
    c. Labor & Removal: You are responsible for the costs of removing the defective product and reinstalling the repaired/replacement product.

Required Documentation: All claims must include:

1. Proof of original purchase (Invoice with owner name and address).
2. A "Goods Return Authorization" or Service Ticket number provided by Madimack.

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