



MABRU'S BREAKTHROUGH MARINE AIR CONDITIONING INNOVATION

by Myranda Goben

DANIA BEACH, FL, August 5, 2025- Mabru is proud to announce that the **RadAir™, a rooftop air conditioning unit, has officially been awarded a United States patent**, marking a significant milestone in the company's legacy of innovation and engineering excellence. This approval not only solidifies RadAir as one of the most advanced HVAC systems in the marine industry but also reinforces Mabru's long-standing commitment to delivering reliable, energy-efficient comfort solutions for customers around the world.

RadAir™
By **mabru**



A NEW STANDARD IN COMPACT, BATTERY-POWERED CLIMATE CONTROL

Designed specifically for marine vessels, the RadAir™ air conditioning unit delivers powerful cooling performance in a compact, low-draw electrical footprint. This water-cooled system is purpose-built for modern off-grid applications and 12V DC platforms. The RadAir represents the next generation of marine rooftop air conditioning — engineered to meet the evolving demands of both builders and boaters. RadAir provides a seamless combination of efficiency, durability, and quiet operation — traits that have become synonymous with the Mabru brand.

KEY FEATURES OF RADAIR INCLUDE:

- ✓ **High-efficiency cooling** engineered for peak performance that **cools from above** with 12,000 BTUs – Fan Blower CFM L/M/H: (310 / 380 / 440)
- ✓ **Compact footprint** ideal for tight spaces in boats (Diameter/Height [mm]: 23"/8" [58.42/20.23])
- ✓ **Low amp draw** optimized for battery-powered systems (Cooling Amp Draw of 22-44)
- ✓ **Corrosion-resistant materials** designed to withstand harsh marine conditions (Corrosion-resistant evaporator coil, Copper/Nickel Fins, and protective radar-inspired dome cover for protection)

It's not a radar, It's a **RadAir™**
By **mabru**



Designed for modern 12V DC platforms and off-grid applications

CONTINUING A LEGACY OF INNOVATION

The RadAir patent joins two earlier Mabru patents dating back to **1999**, when the company pioneered generator-based solutions for marine customers. While the original generator products are no longer part of the current lineup, they remain foundational to Mabru's heritage and engineering philosophy.

The new RadAir patent represents the evolution of that lineage — a transition from generator-driven systems to **fully battery-powered air conditioning technology** designed for the next generation of boaters and RV adventurers.

A MAJOR STEP FORWARD



The approval of the RadAir patent marks more than a legal milestone — it represents a significant step forward in sustainable, efficient, and user-focused **marine climate control technology**. Designed for applications such as enclosed center consoles and patrol vessels, including police, fire, and Coast Guard boats, RadAir is already trusted by leading builders such as Safe Boats, Silverships, North River, and Metal Shark.

Available in a single 12,000 BTU configuration, RadAir is currently the only marine-focused rooftop 12V DC air conditioning system on the market. As the company moves forward with upcoming developments, RadAir stands as a flagship example of Mabru's forward-thinking engineering and commitment to innovative marine solutions.

PLEASE NOTE:
RadAir™ is a registered trademark of Mabru.

View RadAir Specifications by scanning this QR code.



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MABRU, a USA-based OEM headquartered in Dania Beach, FL, supplies air conditioning units and pumps for the marine and recreational vehicle global market. MABRU pioneered battery-powered Marine HVAC units.