

Technical Assistance Request:

Ever-Ice operates out of a 5000 sq ft shop in Gautier, MS. Rocky Rawls owns and operates a Commercial Refrigeration business and self-funds Ever-Ice's technical innovations. Ever-Ice was originally conceived as a small refrigeration unit for roto-molded ice chests and made the leap into atmospheric water generation after the last prototype showed promise for water extraction.



Our requests are for engineering proofing of airflow, heat exchanger sizing, and horsepower (wattage) requirements for the technology. We will also require atmospheric testing of the water extraction rates and this will be best served with a laboratory that has environmental simulation capabilities. We will also, in upcoming rounds, require support from UV sterilization and hollow-tube filtration unit manufacturers to ensure the potability of the larger units.

Ever-Ice has most of the prototyping capabilities in house but will require additional support on the metal stamping of some parts.

Anticipated needs going forward:

1. Marketing- Garnering interests and consumer validation.
2. Manufacturing- Aluminum heatsinks, plastic parts, and solar panels
3. Testing- Atmospheric extraction rates and wattages.
4. Partnerships- Manufacturers and Laboratories.
5. Potability Verification
6. Identification- Best team members to bring technology forward.
7. Heat Exchanger Manufacturer- For larger scale expeditionary models.
8. Connectors- To help facilitate partnerships in the clean energy field.
9. Municipal/Industrial/Commercial Partnerships