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## Advantages of Bascom Hunter

Access to the latest research through relationships with the University of Dayton Research Institute and the University of Illinois.

### In-house Staff Expertise in:

- Vapor Cycle Architecture
- Compressor Design
- Fan Design
- Motor Design
- Acoustic Design
- Computational Fluid Dynamics
- Structural Finite Element Analysis

### Engineering Test Lab Capabilities:

- Cooling of 100kW loads
- Calorimeter capacity up to 50kW loads
- 115V 3-Phase 400Hz Power Supply
- 480V 3-Phase Power
- AMCA Fan Flow Test Benches

Design and Manufacturing co-located at the same site

AS9100D Compliant



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## Contact Us

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Bascom Hunter Technologies Inc.



## Advanced Solutions for Demanding Applications



Thermal Management Solutions



### Company History

- Bascom Hunter was founded in 2010.
- Our products include Thermal Management Systems and Components.
- Significant SBIR awards were received in 2017, 2018 and 2019 for developing our Thermal Management Solutions.
- Phase III awards in 2019 and 2020 continue to advance our Thermal Management Solutions.

Bascom Hunter is providing key Thermal Management Systems (TMS) solutions to the Department of Defense

**Mission Statement:** Deliver the right solution exactly on time, exceed our internal and external customer requirements through continuous improvement, and provide a place for hard-working, dedicated, knowledgeable and ethical people who believe in the company.

### Core Competencies

- Vapor Cycle System Architecture
- Positive Displacement Compressor Design
- High Performance Fan Design
- Acoustic Design and Analysis
- In House Production Capability
- In House Engineering Test Lab
- Patents – 6 Active and 3 Pending
- AS9100D Compliant



MH-60R Combat Ready, we are working to make it better



### Market/Customers

- Aerospace & Defense
  - Air Force
  - Navy
  - Triumph
  - HDT
  - Marvin Land Systems
  - Raytheon
  - General Dynamics
  - Boeing
  - Northrop Grumman
  - IARPA
  - Groschopp



CH-53K Cool Operations in a Hot Environment