
CUSTOM MANUFACTURING

CUSTOM MANUFACTURING FROM OMEGA HEAVY DUTY

Omega Heavy Duty delivers custom manufacturing solutions tailored to the demanding requirements of the heavy-duty truck air conditioning, refrigeration, agricultural, construction, forestry, mining, off-road, and vehicle HVAC industries. From low-volume specialty runs to large-scale production, we provide the flexibility to meet a wide range of customer needs with speed and precision. Our rapid response times and ability to develop prototypes—creating early, functional models or simulations—allow customers to validate concepts quickly and move efficiently from design to production. Backed by ISO 9001 certification, every project is managed with a strong commitment to quality, consistency, and continuous improvement.

Our experienced engineering team works closely with customers to provide hands-on technical support throughout every stage of the process, including design review, prototyping, testing, and troubleshooting. This collaborative approach ensures that each solution performs reliably and meets exact application requirements. With scalable manufacturing capabilities, Omega Heavy Duty can seamlessly increase production to meet growing demand without compromising quality or cost efficiency. In addition, our extensive network of global suppliers, manufacturers, distributors, and logistics partners enables us to source, produce, and deliver custom solutions with exceptional reliability and reach.

Small to Large Quantities

Prototyping

Quick Response

Expansive Supplier Network



Engineering Support

Scalable Production

Technical Support

ISO9001 Certified

OUR DESIGN PROCESS

Step 1 – Customer Input

A/C SYSTEMS CONFIGURATION WORKSHEET
(photocopy this sheet, fill out all information and email us)

This worksheet will assist us in determining exactly what A/C components are required for your specific vehicle.

Vehicle Make _____ Model _____ Year _____
Engine Type* _____ Eng Series _____ Voltage _____

What type of AC system do you want? Check one below (note: all types shown may not be available for your specific vehicle).

Roof Mount Unit _____ Wall/Between-Seat Unit _____ In-Dash Unit _____
Ceiling/Headliner Unit _____ Self-Contained** _____ Hydraulic _____

**self contained is defined as an off-road AC Unit operated by a compressor that is not attached to or driven by the vehicle's engine.

Please tell us who you are by filling out all the information below. We will return your request with a detailed listing of all necessary components required for a complete AC installation.

Name _____
Phone No. _____ Fax No. _____ Date _____

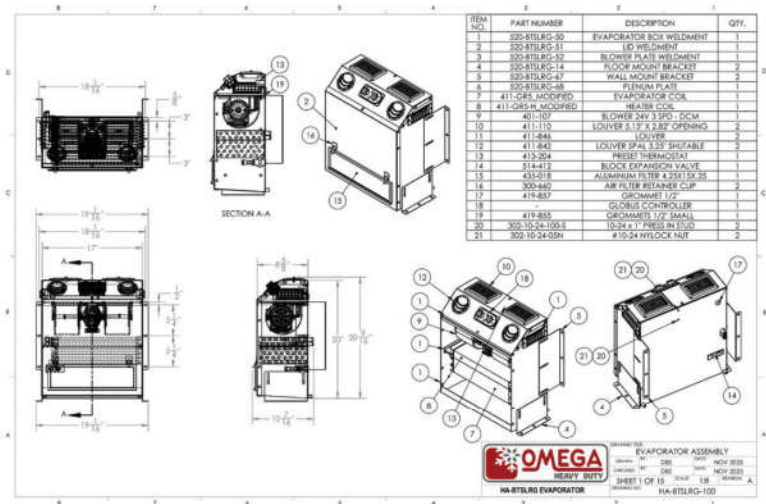
Email To:
sales@omegahd.com

Step 2 – Concept Creation

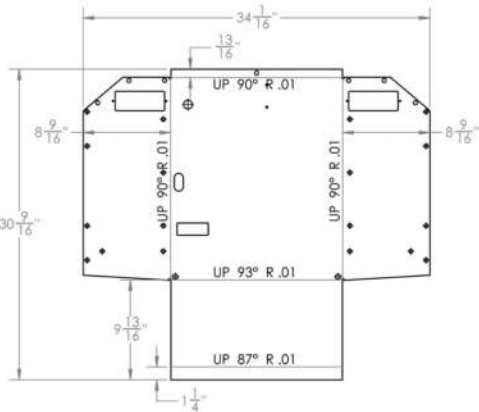
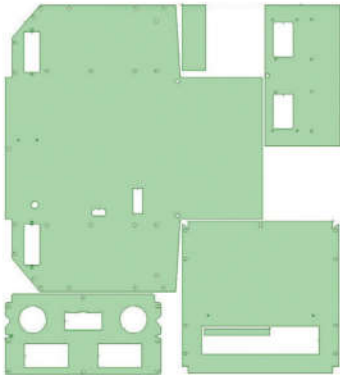


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Step 3 – Review with Customer



Step 4 – Prototype Creation



Step 5 – Customer Sample



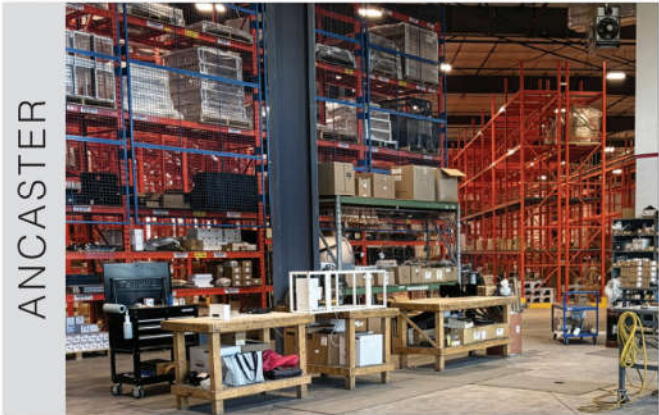
Step 6 – Customer Testing and Validation



Step 7 – Design Finalization

Step 8 – Production





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