



Custom Design & Build

Custom Design & Manufacturing Division

The Custom Design and Manufacturing Division offers customer solutions in engineering, design and manufacturing to their specific needs and specifications. In addition we can provide fabrication, electrical wiring and coating/paint modifications to existing equipment.



Project Management

- Oversee and direct any special aspects of your equipment.
- Project scheduling to track and ensure timely results.
- Ensure plans adhere to job specifications
- Close Customer Involvement on production



Quality Control

- Oversee the evaluation of your finished product to ensure proper manufacturing techniques are followed quality and reliability.



Engineering and design

- Custom engineering and design to meet customer specifications
- Design auto cad drawings for equipment designed and manufactured



Manufacturing

- Road worthy
- Small foot print allowing to ship more equipment on one load
- Proven track record of manufacturing portable rental equipment for 20 years
- No job to small, we will manufacture 1 or 1000 units
- Manufactured equipment
 - Air handling units
 - Packaged air conditioning units using Copeland scroll compressors and environmentally friendly R-410A refrigerant
 - Process air heaters

- OEM Equipment Modifications
 - Fabricate skid and lifting frames
 - Electrical options:
 - Disconnect switches
 - Phase monitors
 - Duct collars and caps
 - HOA switches
 - Pilot lights
 - Thermostats
- Custom coatings and colors:
 - Coils – Corrosion protection
 - Casings

Electrical & Controls

Equipment can be custom manufactured from scratch or modified to meet various hazardous area classifications:

- NEC Class 1, Division 1, Groups B, C & D
- NEC Class 1, Division 2, Groups B, C & D
- IEC Zone 1
- IEC Zone 2

All Systems Designed, Built or Modified in Compliance with Applicable standards:

**ABS - ADA - ASHRAE - DNV
IEC - NEC - NFPA - SMACNA**

**“We Design, Build, Install
& Service HVAC Systems”**