



**Every Part - Every Project -  
Every Time**



## **The Industry's Most Comprehensive Cooling Tower Inventory**

### **When Downtime Isn't an Option, CTR Delivers**

For decades, industry leaders have trusted CTR for North America's largest, most diverse cooling tower components inventory. From critical mechanical assemblies to complete structural systems, we stock what others can't – ensuring your projects move forward without delay.

As the industry's leading cooling tower components and materials supplier, CTR delivers unparalleled inventory depth, expert fabrication capabilities, and comprehensive solutions for all your cooling tower needs. Whether you're building new or maintaining existing installations, our extensive stock and custom manufacturing capabilities ensure you have exactly what you need, when you need it.

## **Fan Stack Excellence - The CTR Advantage**

### **Slash Lead Times with Immediate Availability**

- CTR is the only company that stocks fan stacks in the Gulf Coast region for immediate delivery
- While competitors quote 6+ week lead times, our strategic inventory keeps your projects moving
- Our Gulf Coast locations ensure rapid deployment when you need it most

### **Superior Engineering and Design**

- 60% larger ribbing provides increased strength and stiffness
- 4-inch wide flanges outperform competitors' 3-inch standard
- Engineered to withstand high wind loads with minimal deflection
- 10-15% heavier construction minimizes vibration and extends equipment life

## Innovative Safety and Installation Features

- The exclusive butt-flanged design eliminates the need for internal access during assembly
- 100% fiberglass construction - no cardboard material used
- Reinforced bolted connection flanges with horizontal ribs tied into vertical flanges
- Advanced hardware solution: silicon bronze bolts with stainless steel nylock nuts prevent galling

## Performance Optimization

- Enhanced velocity recovery taper angle (8-11 degrees)
- Outperforms typical 7-degree competitor designs
- Reinforced panel seams at critical connection points

## Premier Mechanical Solutions

CTR stands as the largest stocking supplier of critical mechanical components:



### Perspective Of Gearbox Inventory

- **Amarillo Gear Boxes** - Industry-leading inventory of double and single reduction units, ready for immediate shipment
- **Hudson Fan Assemblies** - Extensive stock of complete fan systems, supporting minimal downtime
- **Failure Safeguard Equipment** - Full range of vibration switches, oil level switches, and gauges for reliable operation

## Structural Excellence

Our structural offerings combine superior materials with expert fabrication:

### Fan Stack Solutions

- Custom-manufactured fan stacks in various diameters and heights
- Industry-leading immediate availability from Gulf Coast inventory
- Superior engineering with 60% larger ribbing and 4-inch flanges
- Innovative butt-flanged design for easier, safer installation
- 100% fiberglass construction with reinforced connection points



### Engineered Fiberglass Solutions

- Custom-designed freestanding stairways
- Access and cage ladders
- Platforms and walkways
- Large inventory of structural shapes
- Expert fabrication in polyester and vinyl ester resins
- Pre-fabricated tie-lines ready for immediate shipment

## Premium Wood Products

- Cooling tower grade Douglas fir and redwood lumber
- Structural grade plywood
- All materials treated to CTI Standard 112 specifications
- Complete fabrication services available



## Water Distribution Systems

Complete solutions for optimal water management:

- FRP header pipes and saddles
- CNC-fabricated lateral lines
- Premium nozzles and grommets
- Custom-engineered distribution solutions
- Fiberglass distribution boxes

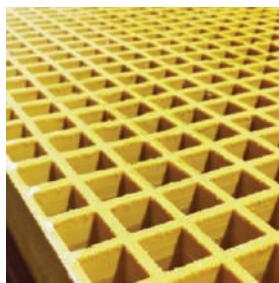
## Comprehensive Enclosure Solutions

### Superior Casing Systems

- Extensive FRP panel selection
- 4.2, 5.3, and 7.2 profiles
- General purpose and fire-retardant resins
- Complete line of corner roll and foam closure strips



### Additional Inventory Highlights



- **Grating Solutions** - Full inventory of pultruded and molded grating with custom fabrication capabilities
- **Hardware** - Complete stock of 304 & 316 stainless steel components
- **Custom Manufacturing** - Torque tubes, metal brackets, and stainless steel brace straps
- **Critical Components** - Fill, drift eliminators, grid hangers, and dri-seals



## Complete Project Support

Beyond our extensive inventory, CTR offers:



- Direct-to-site delivery coordination for motors, distribution valves, and other components
- Expert technical support
- Custom fabrication services
- Project-specific solutions
- Emergency shipping options

### Why Choose CTR?

<ul style="list-style-type: none"><li>✓ The industry's largest inventory of critical components</li><li>✓ Custom design and fabrication capabilities</li><li>✓ Comprehensive quality control</li></ul>	<ul style="list-style-type: none"><li>✓ Expert technical support</li><li>✓ Fast shipping and reliable delivery</li><li>✓ Decades of industry expertise</li></ul>
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**Contact us today to learn how CTR can support your cooling tower projects with unmatched inventory, expertise, and service.**

Call us, email us, or visit our website today!

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