

## ABOUT NAAX

North American Air Exchanger was established in 2020, in the midst of a global pandemic. Despite the challenges, the company has achieved remarkable success by delivering top-quality goods and services. Within an exceedingly short span, the company experienced exponential growth. In April of 2023, North American expanded its operations by acquiring a new facility located in Wagoner, Oklahoma. Today, North American is recognized as a reliable and trusted company, committed to consistently meeting the needs of its customers.



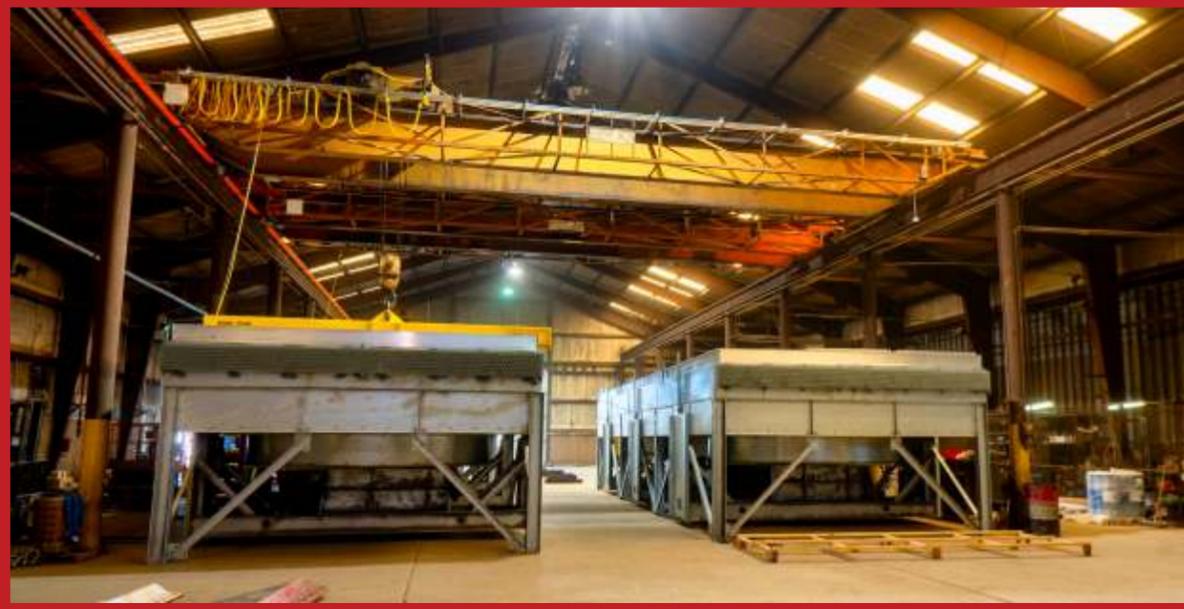
- 2024 CATALOG -



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# OUR FACILITY

North American's facility consists of a 33-acre property encompassing multiple shops, a substantial assembly bay, and 17 crane systems. Equipped with up to 120,000 lb. lifting capacity, we can accommodate products of any size. The on-sight lay down yard provides the means to house products for long and short term storage, with cautious packing and protection.



# CAPABILITIES

**NORTH AMERICAN'S PRODUCTS CONSISTENTLY SURPASS INDUSTRY EXPECTATIONS, AND THESE PROVEN SOLUTIONS ARE BOLSTERED BY OUR CUTTING-EDGE SALES, ENGINEERING, OPERATIONS, AND SERVICE CAPABILITIES.**

## THERMAL DESIGN

Drawing upon years of expertise, our sales teams boasts the specialized knowledge necessary to ensure the precise customization and engineering of the optimal cooler to meet your specific needs. Through an efficient quotation process, internally developed rating system, and HTRI, North American designs the ideal air-cooled exchanger, providing our clients with prompt and precise quotes.

## INNOVATIVE ENGINEERING

Our exceptionally versatile engineering team harnesses advanced knowledge-based design technology to significantly reduce lead times, swiftly generating detailed 3D models and fabrication drawings. This empowers us to provide customers with advanced engineering information in a timely manner, ensuring their needs are met efficiently.

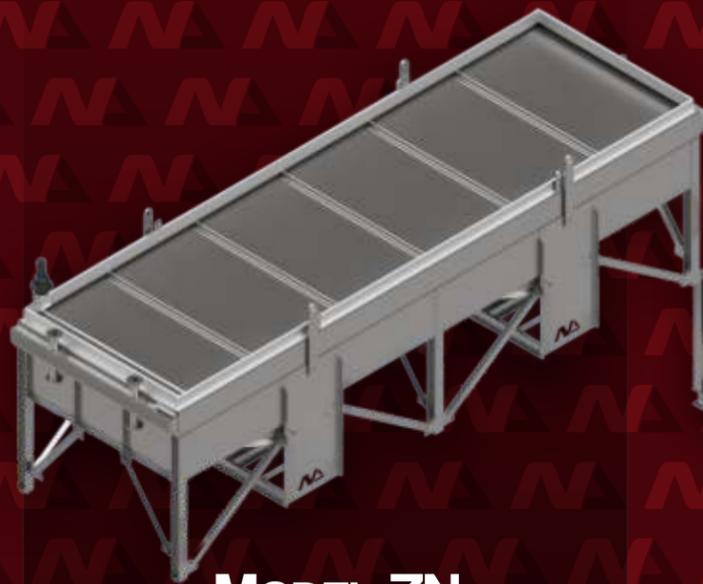
## CUSTOMER CARE AND ASSISTANCE

At North American, prioritizing customer satisfaction and quality is ingrained in our DNA. Our aim is to enhance your equipments efficiency and achieve trouble-free operation. No matter your inquiry, we have dedicated personnel ready to promptly address your questions.

## NAAX CAPABILITIES

- ASME U Stamp
- ASME R Stamp
- National Board Registered
- HTRI Thermal Rating Software
- API 661
- NACE
- CRN Registrations
- AWS D.1.1. Structural Welding

# OUR PRODUCTS



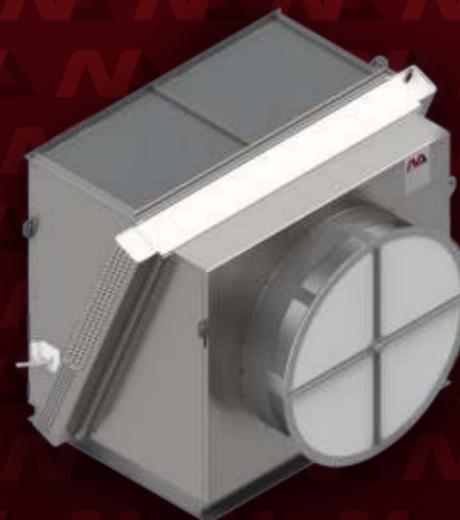
## MODEL ZN

- Fan sizes from 18" to 180"
- Single bay or multi-bay design with substructures
- Tube length up to 70'
- Cooler width up to 20'
- Galvanized or painted finish
- API661, NACE, and CRN's
- Optional accessories available
- Horizontal sections and fans with vertical air ejection



## MODEL VN

- Most economical design for gas, liquid, or engine cooling
- Non code or ASME coded sections
- Engine or electric motor driven
- Galvanized or painted finish
- Optional accessories available
- Vertical sections and fan with horizontal air ejection



## MODEL EN

- Fan sizes from 18" to 180"
- Galvanized or painted finish
- Engine or electric motor driven
- Non code engine cooling sections
- Gas section design pressure up to 5,000 PSI
- Rigid or magnetic bug screens
- NACE and CRN's available
- Optional accessories available
- Vertical, sloped sections and fan with vertical air ejection



## MODEL JN

- Fan sizes from 18" to 180"
- Galvanized or painted finish
- Engine or electric motor driven
- Non code engine cooling sections
- Gas section design pressure up to 5,000 PSI
- Rigid or magnetic bug screens
- NACE and CRN's available
- Optional accessories available
- Vertical sections and fan with vertical air ejection



## MODEL FN

- Single bay or multi-bay design
- Fan sizes from 18" to 168"
- Galvanized or painted finish
- Optional accessories available
- Horizontal sections and vertical fans with vertical air ejections

### APPLICATIONS

UPSTREAM

MIDSTREAM

DRILLING			●					
FIELD COMPRESSION	●		●		●			●
POWER	●		●		●			
RNG/CNG	●		●		●			●
COMPRESSOR STATIONS	●		●		●			●
GAS PROCESSING	●		●		●			●
GAS FRACTIONATION	●		●		●			●
LNG	●							
DATA CENTER	●		●		●			
CRYPTO	●		●		●			
CCS	●		●		●			

### CONFIGURATIONS FORCED

DRAFT	●		●		●		●		●		●
INDUCED DRAFT											
ENGINE DRIVEN	●		●		●		●		●		●
MOTOR DRIVEN											
AIR EJECTION		VERTICAL			HORIZONTAL		VERTICAL		VERTICAL		VERTICAL
HOT AIR RECIRCULATION	●		●		●		●		●		●
PAINTED	●		●		●		●		●		●
GALVANIZED											
FAN DIAMETER RANGE		2'-16'			2'-12'		2'-15'		2'-15'		2'-14'

# OPTIONAL ADD-ONS

## WARM AIR RECIRC SYSTEM

- Automatic intake exhaust louvers
- Manual side louvers
- ASME coded heating coil
- Sloped pass configuration
- Custom motors for low temp application
- Available on horizontal or vertical fan configurations

## REPLACEMENT PARTS & CONVERSION KITS

- Revamp, redesign, and replace sections on any cooler regardless of OEM
- Detailed design of new drive system
- Complete supply of all components required for electric motor conversion
- Field service available upon request

## ACCESSORIES:

- Electric air heaters
- Bug screens (rigid / flexible)
- Vibration monitoring devices
- Auto louvers
- Hail guards
- Core guards
- Substructures
- Long term / short term preservation
- Onsite storage



## START-UP

WE INITIATE THE OPERATION OF YOUR EQUIPMENT SEAMLESSLY AND SECURELY, ADHERING TO INDUSTRY STANDARDS. OUR COMMITMENT IS TO OPTIMIZE YOUR EQUIPMENT'S PERFORMANCE, ENSURING IT OPERATES AS DESIGNED. THIS IS WHY WE OFFER A 6 MONTH EXTENDED WARRANTY UPON PURCHASE OF START UP AND COMMISSIONING.

## MAINTENANCE

BY ADHERING TO TIMELY AND PROPER MAINTENANCE PRACTICES, YOU CAN UNLOCK ENHANCED PERFORMANCE AND LOWER OPERATIONAL EXPENSES, ULTIMATELY EXTENDING THE LIFESPAN OF YOUR EQUIPMENT

## SUPPORT

ASSISTANCE IS READILY AVAILABLE WHENEVER YOU NEED IT. OUR EXPERT TEAM CAN RESOLVE MANY ISSUES PROMPTLY THROUGH EMAIL OR OVER THE PHONE COMMUNICATION. IF NECESSARY, EXPERIENCED TROUBLESHOOTING SPECIALISTS CAN BE DEPLOYED TO ADDRESS ANY CHALLENGES FIRSTHAND.

## IMPROVEMENTS

WE CAN ELEVATE YOUR EQUIPMENT'S PERFORMANCE TO ALIGN SEAMLESSLY WITH YOUR EVER-CHANGING REQUIREMENTS. THROUGH ENHANCEMENTS AND UPGRADES, WE EMPOWER YOU TO LEVERAGE THE LATEST ADVANCEMENTS IN TECHNOLOGY, ENSURING YOUR EQUIPMENT MAINTAINS PEAK PERFORMANCE.



# SERVICES