

ENHANCING ETHANOL EFFICIENCY

THE LEADER IN HEAT EXCHANGER
PARTS AND SERVICE



VINCI®

SERVICE AND
SUPPORT FOR THE
BIOFUEL INDUSTRY

SERVICE & SUPPORT

Rapid, responsive, and always ready for the call

FIELD SERVICE ON-SITE ASSISTANCE

Our trained service professionals know ethanol heat exchangers inside and out. WCR has 21 on-site service crews across the United States, strategically setup in 9 locations to reach any destination within 8 hours. Our expert teams have years of cross-brand knowledge and experience handling all models of plate heat exchangers. You can trust they have the know-how to tackle any problem.

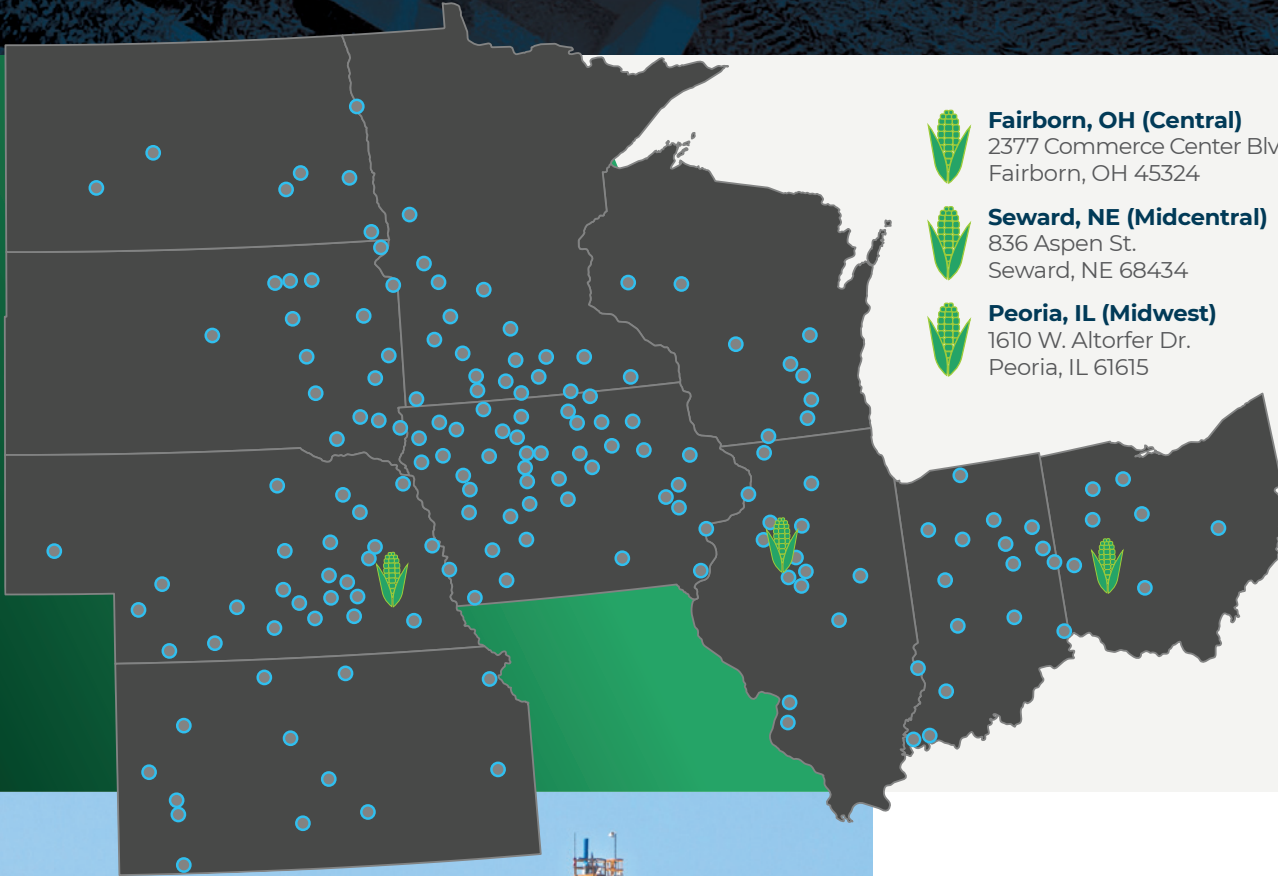


21 FIELD
SERVICE
TEAMS

9 NORTH
AMERICA
SERVICE
CENTERS

500,000+
PLATES SERVICED
ANNUALLY

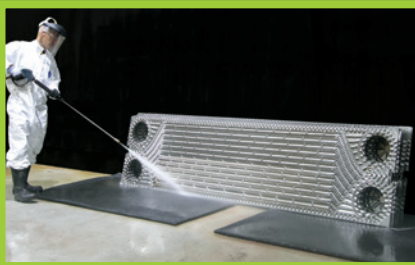
3 Locations Ideally Suited to Support the Ethanol Industry
SERVICING 95% OF THE ETHANOL MARKET



- Fairborn, OH (Central)**
2377 Commerce Center Blvd. Suite B
Fairborn, OH 45324
- Seward, NE (Midcentral)**
836 Aspen St.
Seward, NE 68434
- Peoria, IL (Midwest)**
1610 W. Altorfer Dr.
Peoria, IL 61615

FACTORY SERVICES WCR IN-HOUSE CAPABILITIES

WCR offers highly skilled repair and maintenance services on-site at our manufacturing and production facilities. Because of all of the resources and materials within our shop, we promise a quick and stress-free repair. We also offer a one year warranty on all parts, guaranteed to maintain maximum efficiency and effectiveness.



HEAT EXCHANGER CLEANING

WCR Service created the cleansing processes that have been simulated by others.



DYE PENETRANT TESTING

Early discovery of plate defects eliminates cross-contamination concerns, saving costly downtime in the future.



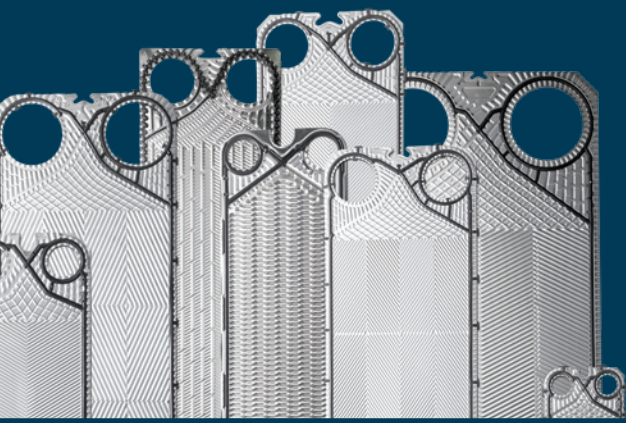
FULL SERVICE REGASKETING

Our gaskets are applied only by trained technicians who have experience with all models of plate heat exchangers.

EXPERTS IN ETHANOL Respected Partners For Renewable Energy

When a heat exchanger is down in your ethanol plant, your productivity is down, too. You can't afford to wait weeks or even months for replacement heat exchanger components to be shipped overseas – you need the right parts, right now. Turn to WCR for OEM-quality heat exchanger spare parts and all brands service for ethanol production.





THE LARGEST SELECTION
of Replacement Plates and Gaskets
in America

200,000+
PLATES IN STOCK

600,000+
GASKETS IN STOCK

MOST SHIPPED
IN **1-2 DAYS**

**All the Brands. All the Models.
All the Time.**

WCR manufactures and stocks OEM-quality specified plates and gaskets for all makes and models of plate heat exchangers. Order from the largest inventory in North America. We promise to get your part shipped and installed quickly – usually within a day or two!

WCR also offers spare parts inventory management to free up more space and resources in your facility. For the ultimate convenience, we'll even handle the pickup and delivery of spare parts when you need them.



One Solution for Any Challenge

Regardless of the your needs, WCR will keep your operation running as cleanly as your products.

- Mash Cooling
- Beer Mash
- Fermentation Cooling
- Steep Tank Heating
- Cook Water Heating
- Yeast Cooling
- Syrup Condensing
- Proof Cooling
- Regen Vapor Condensing
- Waste Heat Recovery

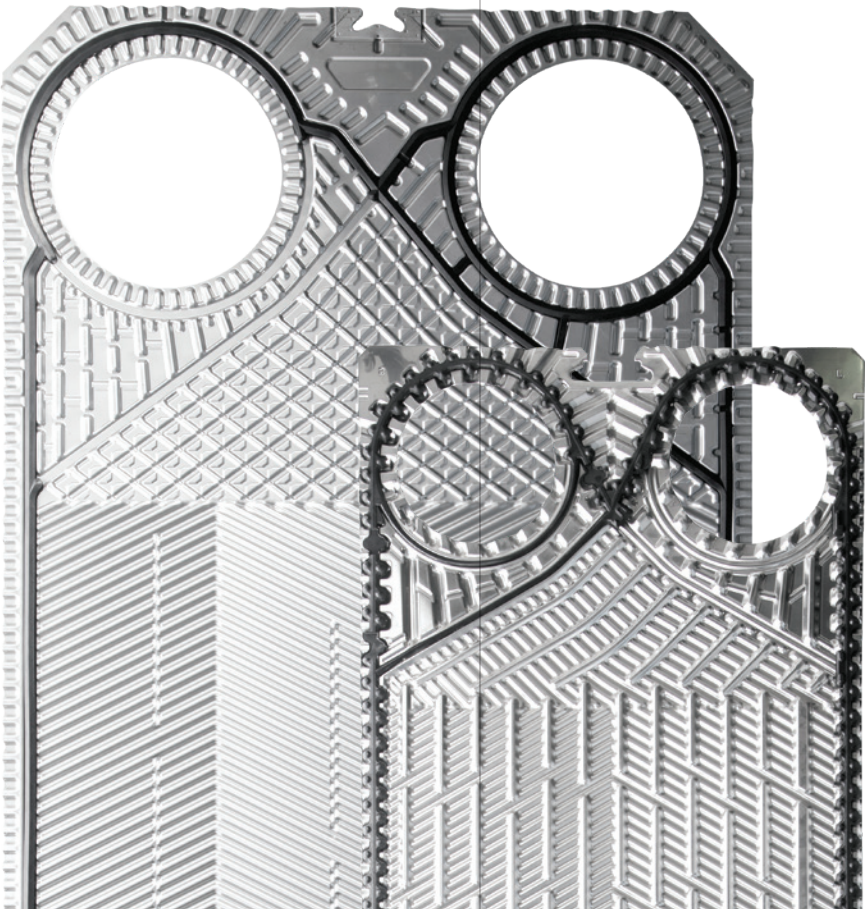


REPLACEMENT PLATES
EVERY PLATE, EVERY MODEL
Direct Replacements for Any OEM

WCR heat exchanger plates are custom designed to be direct replacements for all OEM model plate heat exchangers. We reverse engineer each plate to exact specifications to maintain nameplate performance for any plate heat exchanger, providing the highest standard of quality. WCR's knowledge, expertise, and availability gives customers peace of mind knowing our parts will be exactly what you demand. The quality and precision of our parts is impeccable.

We have in-stock components and support for the following key heat exchanger models for the ethanol industry:

- GFP 057-187
- WideGap 200 & 350
- MA30



REPLACEMENT GASKETS
MADE IN THE USA,
SHIPPED ANYWHERE

The Largest Spare Parts Inventory in America

Unlike our competitors who simply resell gaskets, WCR manufactures OEM-specified heat exchanger gaskets on site. By being the source, we can provide any gasket model/material combination that you need. Each of our durable replacement gaskets is subject to meticulous quality control, assuring that every part is dependable and built to last. In fact, we work closely with the world's leading suppliers of raw rubber materials to assure the highest quality from the very start.

- Supplying all Models in NBR, EPDM, VITON™, AFLAS®, HNBR, Hypalon, Neoprene, Silicone, and Butyl elastomers
- FDA-approved versions of NBR and EPDM are standard

THE CLEAR CHOICE

FOR CLEANER POWER

NEW PLATE HEAT EXCHANGERS

Standard Design Options,
Ready to Ship in Weeks

WCR manufactures twelve standard models of heat exchangers with 1" to 12" connections, as well as custom drop-in replacement heat exchangers for all major name brands – even obsolete lines. Our units can be produced and shipped in less than twelve weeks to assure minimum downtime.

- Direct replacements for any brand or custom built to match existing connection locations
- Standard: 1"-12" connections
- Custom: 1"-20" connections

RE-STREAM/RE-RATE

- Thermal Calculations
- Plate Arrangement Drawings
- Guide-Rail – Tightening Rod Assembly Expansion Kits

ENGINEERING SERVICES

- ASME R Stamp
- Frame Design Review
- Custom Tooling Design
- Technical Drawings Packages

SERVICE AND SUPPORT
For the Biofuel Industry



REDUCE DOWNTIME WITH THE WCR-187

Introducing the WCR Patented Solution

FASTER, MORE EFFICIENT PLATE SERVICING

WCR's patented WCR-187 plates are design engineered to be a replacement upgrade that can reduce your maintenance labor service costs by 30% over other models.

Positive Plate Alignment WCR P-Loc

Asymmetric positive plate alignment so no matter how you flip the plate, it still creates an integrated corner lock system.

Optimized Gasket Design WCR G-Loc Wedge

Designed in a way to help prevent/minimize blow-outs.

Optimized Plate Hanger

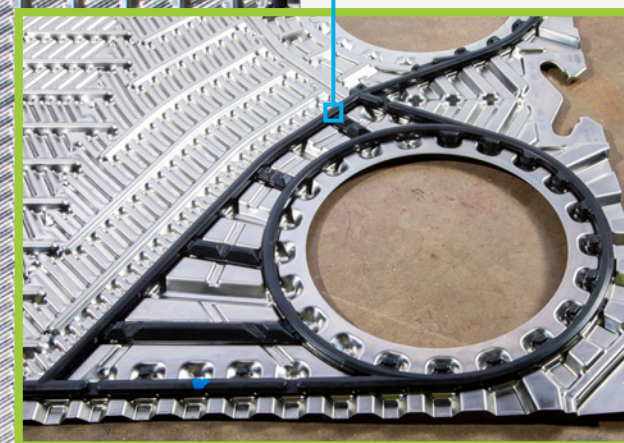
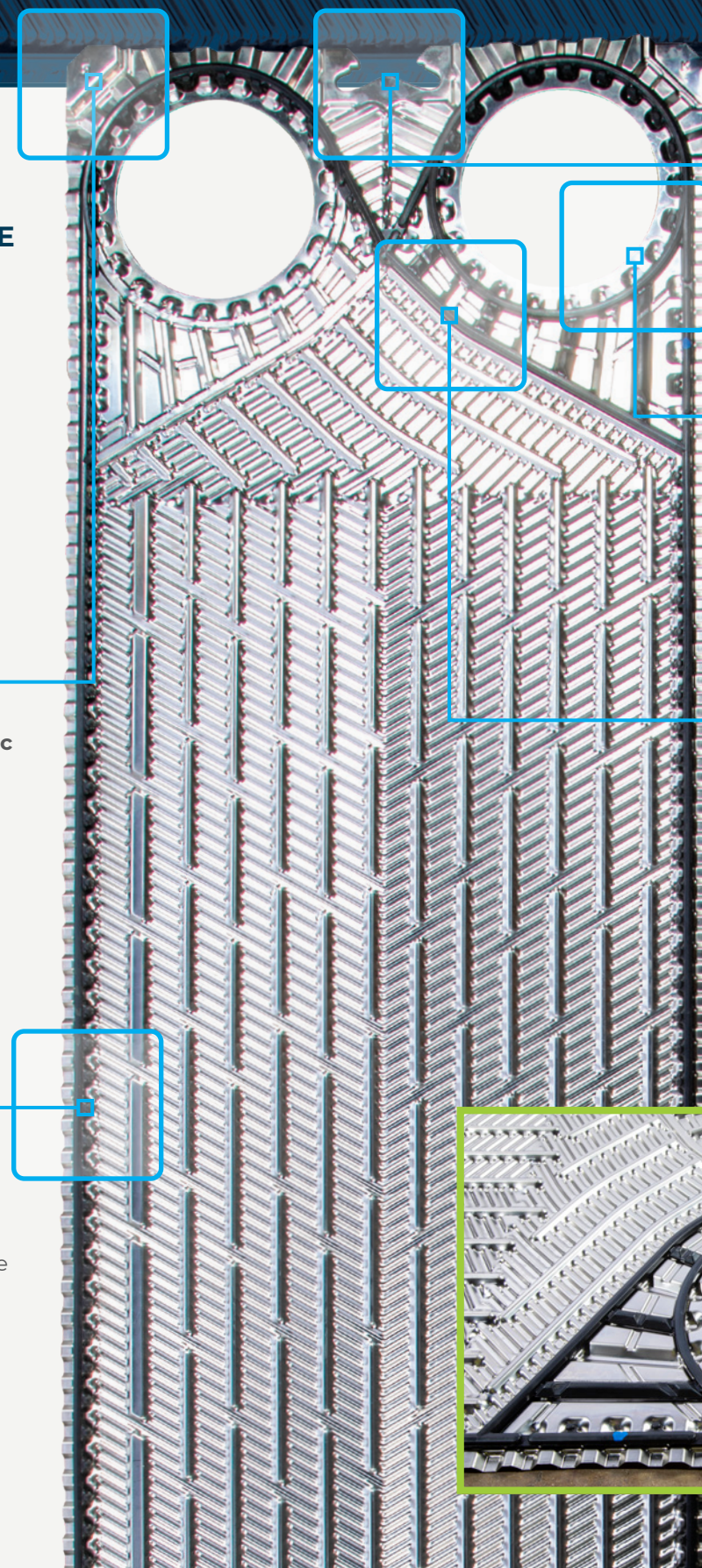
Creates reinforcement on the upper and lower guide rail. Designed to minimize plate shifting.

Enhanced Port Design

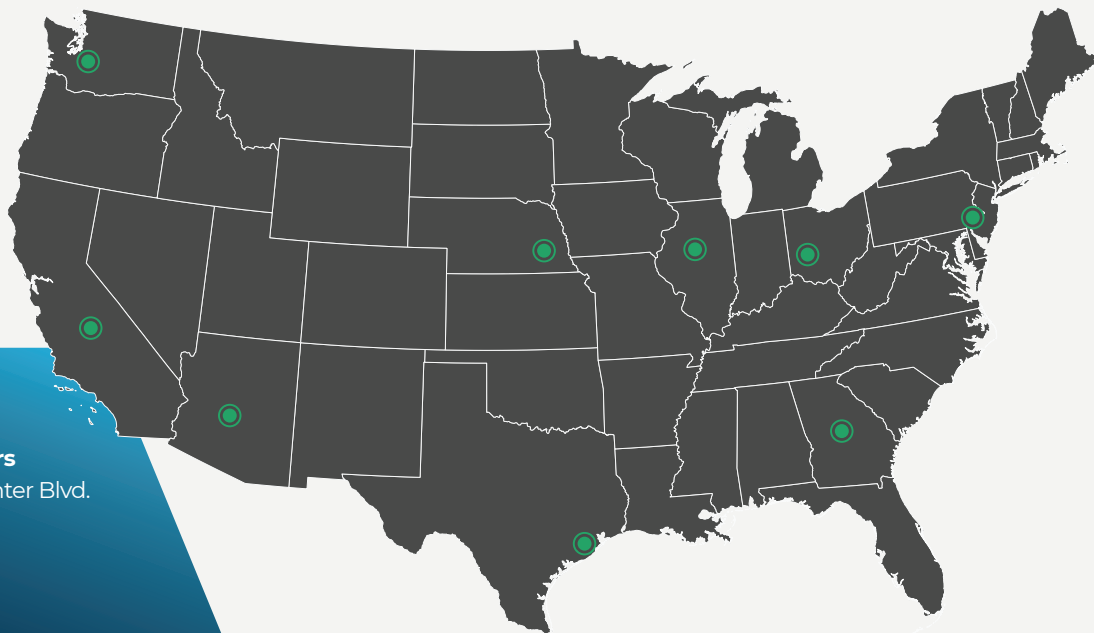
Straight slit, completely round 8 inch port is great for fibrous media and doesn't allow for as many hang-up points in the ports as the traditional honeycomb pattern.

Optimized Bridge Gasket Design

WCR's bridge gaskets are much thicker and retain the shape and profile of the rest of the gasket – so they create a better barrier, and are less likely to crack or have product blow through them.



YOUR RELIABLE PARTNER IN ETHANOL PRODUCTION



Central Region World Headquarters

2377 Commerce Center Blvd.
Suite B
Fairborn, OH 45324
P: 937.223.0703
F: 937.223.2818

Midcentral Region

836 Aspen St.
Seward, NE 68434
P: 309.857.3544
F: 309.697.0399

Midwest Region

1610 W. Altorfer Dr.
Peoria, IL 61615
P: 309.697.0389
F: 309.697.0399

Northeast Region

4080 Blanche Road
Bensalem, PA 19020
P: 215.447.8152
F: 215.447.8162

Northwest Region

3126 C ST - NE
Auburn, WA. 98002
P: 253.256.6703
F: 559.266.3354

South Central Region

1023 Wilson Road
Clute, TX 77531
P: 979.265.3040
F: 979.265.3044

Southeast Region

8345 Grace Road
Macon, GA 31216
P: 478.738.0873
F: 478.738.0874

Southwest Region

5059 N. 54th Ave.
Glendale, AZ 85301
P: 602.753.0213
F: 602.753.0214

Western Region

4636 E. Drummond Ave.
Fresno, CA 93725
P: 559.266.8374
F: 559.266.3354

International Locations:

WCR SWEDEN AB
WCR UK LTD.

WCR Deutschland GmbH
WCR KOREA

WCR BENELUX B.V.
WCR Québec - EASTERN CANADA



wcrhx.com

For OEM-quality replacement parts
and expert service and support for
the ethanol industry, contact us
today and let's grow together.

1-800-421-4927



ISnet
Avetta
First Verify