

# BOOST YOUR HEAT EXCHANGER PERFORMANCE

ALL THE BRANDS • ALL THE MODELS • ALL THE TIME



CAPABILITIES  
BROCHURE



# THE GOLD STANDARD

for Heat Exchangers, Parts, and Service

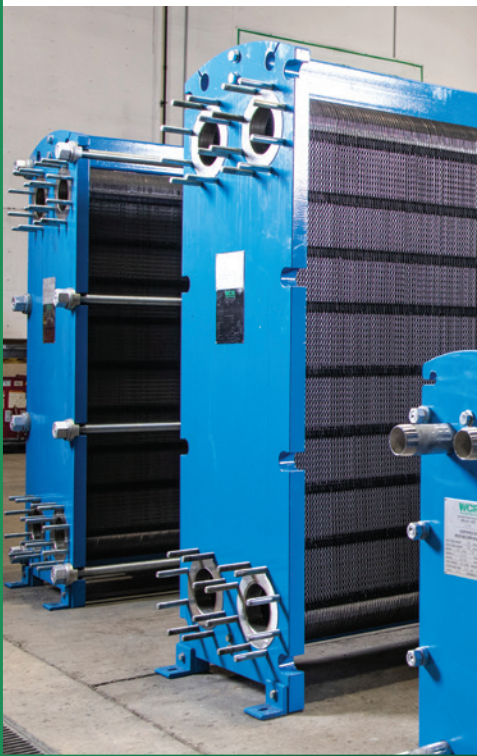
You rely on heat exchangers to be efficient and dependable.  
Expect the same from your sales, parts, and service provider.

WCR builds reliable, American-made heat exchangers, provides the largest inventory of replacement plates and gaskets in North America, and backs it all with unparalleled service and support.



## HEAT EXCHANGERS

Our custom-built, American-made line of heat exchangers surpasses other OEMs in performance, maintenance, and economy.



## REPLACEMENT PARTS

WCR offers replacement plates and gaskets for every major brand and model, ready to ship in only a day or two.



## SERVICE & SUPPORT

With 8 North American service centers and 21 field service teams spread across the United States, we're always close by.

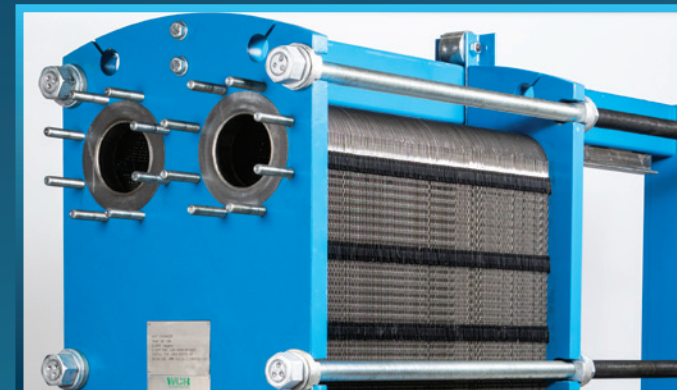


## CUSTOM SOLUTIONS for Growing Business

WCR understands that your needs for tomorrow depend on the best plans made today. That's why we offer skilled engineering support for design and manufacturing as your company grows and diversifies. WCR can custom-create entire heat exchanger solutions to fit your needs and offer a number of supports to help your business grow smarter.



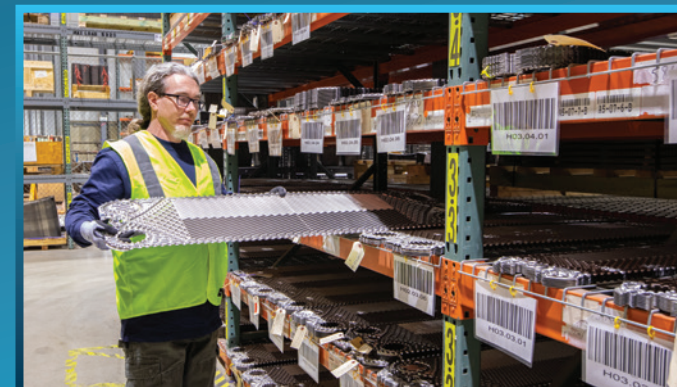
### ENGINEERING & DESIGN SUPPORT



### EXISTING EQUIPMENT RESIZING



### CUSTOM DROP-IN REPLACEMENT HEAT EXCHANGERS



### INVENTORY MANAGEMENT



# HEAT EXCHANGERS

AMERICAN MADE  
and Shipped in Weeks



Whether you need a new WCR heat exchanger or a direct replacement for any other major line – even an obsolete one – WCR will custom-create your unit to any specification. Our units can be produced and shipped in less than twelve weeks to assure minimum downtime.



## WCR STANDARD HEAT EXCHANGERS

Standard Design Options, Ready to Ship in Weeks

WCR manufactures twelve standard models of durable and dependable plate heat exchangers with 1” to 12” connections. Our WCR Heat Exchangers are suited for countless applications in a wide variety of industries.

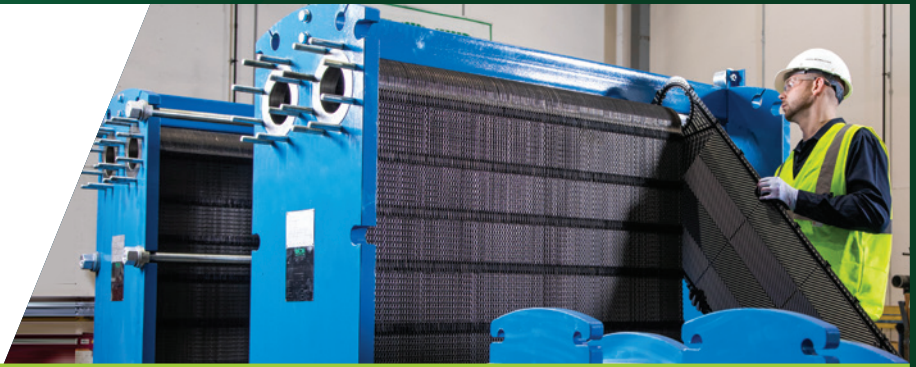
## CUSTOM DROP-IN REPLACEMENT HEAT EXCHANGERS

Designed to Your Specs,  
Built to Last

When your heat exchanger is down, your business is down. That’s why it’s important that you have little downtime. WCR can custom design and produce a drop-in heat exchanger built to your exact specs in a matter of weeks. With our decades of experience and familiarity with dozens of brands, our engineers and fabricators promise a rapid and hassle-free solution that fits your needs.

### PLATE HEAT EXCHANGERS

With decades of experience building, installing, and servicing plate heat exchangers, nobody has more cross-brand knowledge in our industry. WCR surpasses other OEMs in performance, maintenance, and economy.



### BRAZED HEAT EXCHANGERS

The size of the WCR brazed heat exchanger ranges anywhere from 50% to 80% smaller than other types of heat exchangers on the market today.



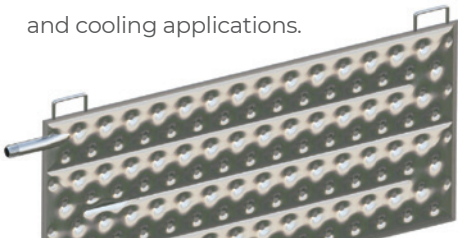
### SHELL & TUBE HEAT EXCHANGERS

For heating or cooling process fluids, WCR Shell and Tube heat exchangers perform like no other.



### PLATE COILS/IMMERSION PLATES

WCR Plate Coils are cost-effective replacements for pipe coils in immersion heating and cooling applications.



### The High Efficiency, Low Cost Heat Exchanger Solution

200+  
DESIGN OPTIONS

EXPEDITED  
PRODUCTION  
AVAILABLE

40 YEARS  
EXPERIENCE

## A SIMPLE PROCESS for Better Results

When you collaborate with us, you’ll speak directly with an Application Engineer who’ll guide you to the most effective solution for your needs. By stripping away the layers of middle management in development, WCR removes the possibility of misinformation while expediting the manufacturing process. In the end, we promise to deliver your new heat exchanger in dramatically shorter times than other OEMs, so you can spend more time being productive.



# THE LARGEST SELECTION

of Replacement Plates and Gaskets in America

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!

200,000+  
PLATES IN STOCK

600,000+  
GASKETS IN STOCK

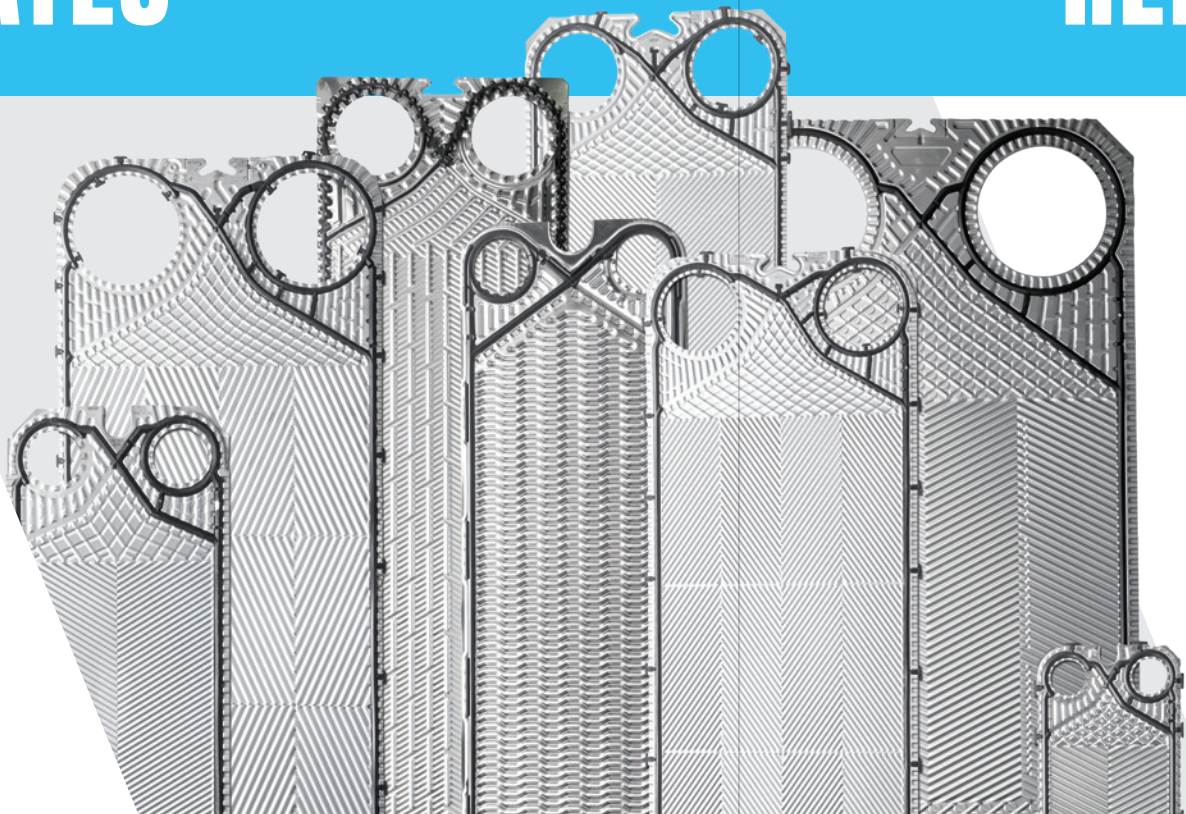
MOST SHIPPED  
IN 1-2 DAYS

## 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 guarantee it.



## 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



## WCR® BUILT ON INTEGRITY

REPLACEMENT PLATES

REPLACEMENT GASKETS

### MANUFACTURING EXPERTISE

Made with the finest materials and manufactured, assembled, and shipped using quality as our compass.

### REVERSE ENGINEERING CAPABILITIES

Dedicated engineers and fabricators who can recreate any plate from any major brand heat exchanger on short notice.

### RIGOROUS QUALITY CONTROL

Meticulous attention to detail, assuring that every heat exchanger replacement part is dependable and built to last.

### EXCEPTIONAL CUSTOMER SERVICE

Knowledgeable team of experts who respond to your needs quickly, assuring the utmost in customer satisfaction.

### DURABILITY

While all gaskets have a limited lifetime, WCR manufactures ours to the highest standards to ensure durability.

### FLEXIBILITY

WCR formulates our gasket elastomers to enable flexibility without sacrificing quality.

### CHEMICALLY RESISTANT

Polymers and additives affect which chemicals a rubber material can withstand. WCR compounds rubber materials for optimum performance.

### FOOD-SAFE

WCR strictly follows all FDA guidelines, which regulate the type and amount of rubber additives allowed to be used in our gaskets.



# SERVICE & SUPPORT

Rapid, responsive, and always ready for the call



## FIELD SERVICE ON-SITE ASSISTANCE

WCR has 21 on-site service crews across the United States, strategically setup in 8 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

**8** NORTH  
AMERICA  
SERVICE  
CENTERS

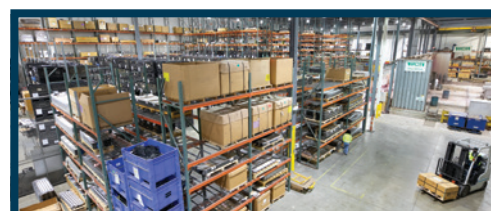
**500,000+**  
PLATES SERVICED  
ANNUALLY



When your heat exchanger is down, your business is down.  
That's why WCR has a massive network of service professionals ready to spring into action – at your place or ours.

## 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.



## INVENTORY MANAGEMENT

WCR manages stock of your plates and gaskets, which guarantees availability for planned maintenance.



## HEAT EXCHANGER CLEANING

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



## FULL SERVICE REGASKETING

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



## PLATE EXCHANGE PROGRAM

WCR exchanges your plates in operation with an inventoried plate pack, resulting in minimal downtime.



## DYE PENETRANT TESTING

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



## FRAME HANDLING

Let trained professionals handle your expensive heat exchanger equipment by opting for WCR to disassemble the unit.



## TOOLS

Opening and closing plate heat exchanger frames is not as simple as it looks. Use the right tools for the job from WCR.



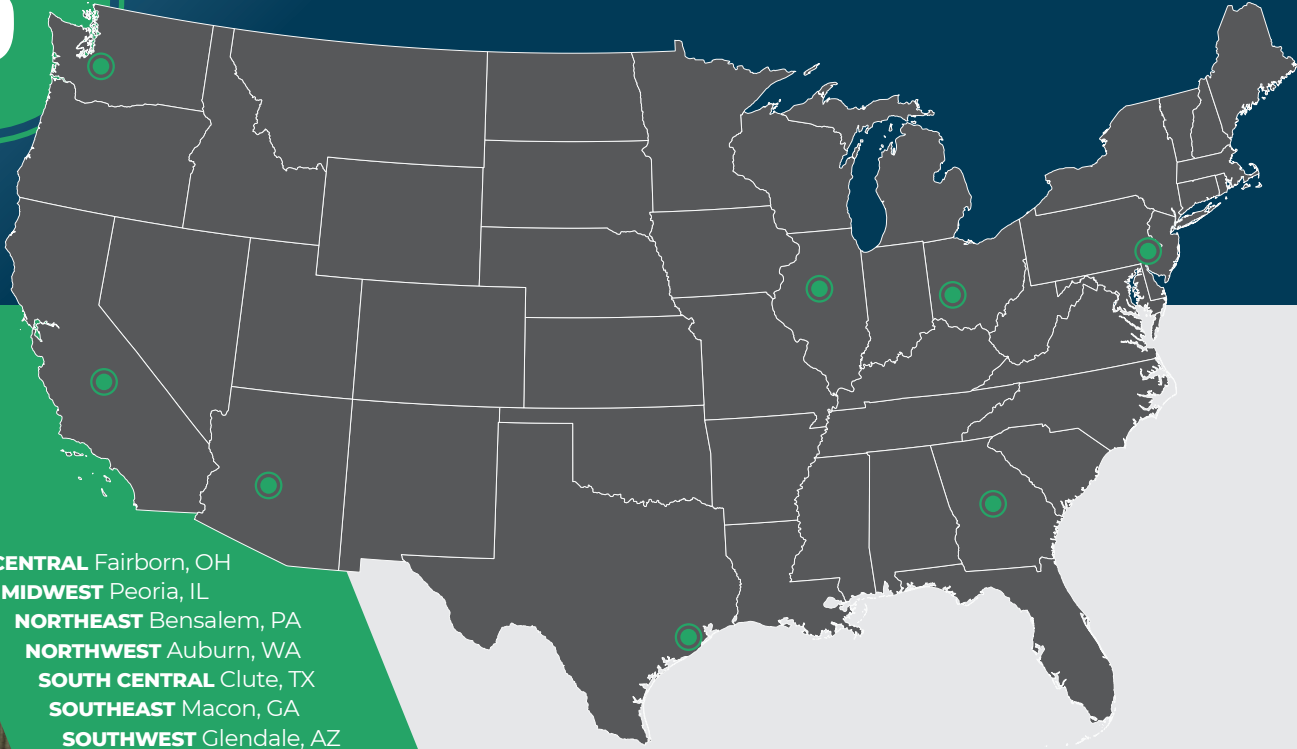
# 10 STEPS TO RENEWAL

The WCR Reconditioning Process

- 1 INSPECTION
- 2 PRE-CLEAN
- 3 CHEMICAL CLEANING
- 4 DYE PENETRANT INSPECTION
- 5 FINAL CLEAN
- 6 GASKET GROOVE PREPARATION
- 7 RE-INSPECTION
- 8 GASKETING
- 9 COMPRESS OVEN CURE
- 10 FINAL INSPECTION



## 8 NORTH AMERICAN SERVICE CENTERS



- CENTRAL Fairborn, OH
- MIDWEST Peoria, IL
- NORTHEAST Bensalem, PA
- NORTHWEST Auburn, WA
- SOUTH CENTRAL Clute, TX
- SOUTHEAST Macon, GA
- SOUTHWEST Glendale, AZ
- WESTERN Fresno, CA

## PARTNERS IN PRODUCTIVITY

WCR partners with the largest brands in the world in a wide assortment of industries. While our range of clients is diverse and wide ranging, our commitment to the highest level of quality and service never changes.





# FOR ALL YOUR HEAT EXCHANGER NEEDS



## Central Region

### World Headquarters

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

## 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 power industry, contact us  
today and let's grow together.

**1-800-421-4927**



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Avetta  
First Verify