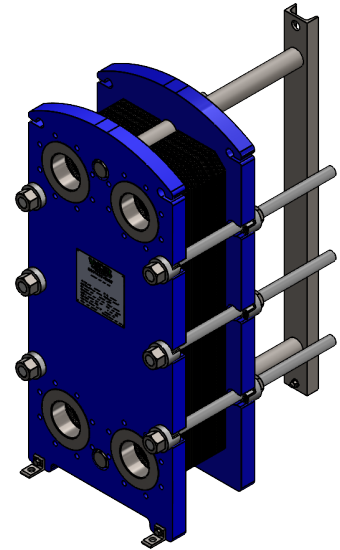


# WCR A425BW

## PLATE HEAT EXCHANGER

Suitable for a wide range of Gas-Liquid and Liquid-Liquid applications. The A425BW semi-welded design allows for use of gaskets specifically designed to resist aggressive media and a semi-welded channel for gas or liquid service.



### APPLICATIONS

- Biotech and Pharmaceutical
- Chemicals
- Energy and Utilities
- Food and Beverages
- Home and Personal Care
- HVAC and Refrigeration
- Machinery and Manufacturing
- Marine and Transportation
- Mining, Minerals and Pigments
- Pulp and Paper
- Semiconductor and Electronics
- Steel
- Water and Waste Treatment

### BENEFITS

- Semi-Welded Plate Design to Allow for Gas-Liquid or Liquid-Liquid Service
- Laser Welded Channel for Aggressive Media
- High Energy Efficiency – Low Operating Cost
- Flexible Configuration – Heat Transfer Area Can Be Modified
- Easy to Install – Compact Design
- High Serviceability – Easy to Open for Inspection and Cleaning, and Easy to Clean by CIP
- Access to WCR's Global Service Network

### FEATURES

Every detail is carefully designed to ensure optimal performance, maximum uptime and easy maintenance.

Selection of available features:

- Laser Welded Semi-Welded Cassette Type
- Teflon Encapsulated Gasket System
- Glued Gasket
- Clip-on Gasket
- Leak Chamber
- Fixed Bolt Head
- Key Hole Bolt Opening
- Lifting Lug
- Lining
- Lock Washer
- Tightening Bolt Cover

### Ready at a moment's notice to keep your business flowing smoothly

WCR's comprehensive field and factory service and support network ensures that your equipment will continue to operate with maximum efficiency and effectiveness throughout its life cycle. WCR operates the largest gasket and plate manufacturing facility in North America and stocks a massive inventory of replacement plates and gaskets.

#### Start-up Support

- Installation
- Installation Supervision
- Commissioning

#### Maintenance

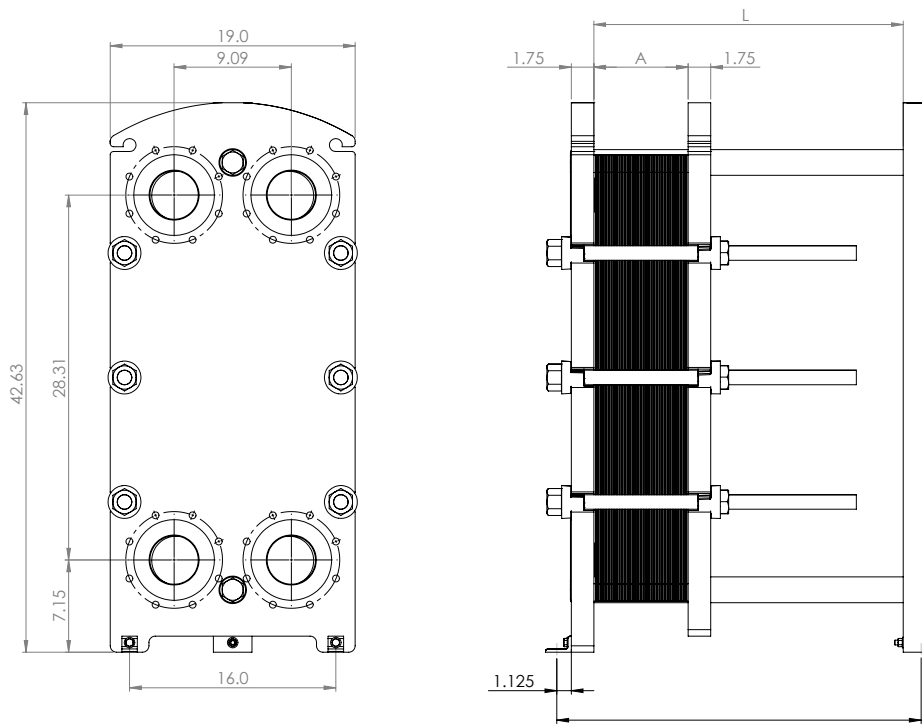
- Cleaning Services
- Reconditioning Improvements
- Repair
- Service Tools
- Spare Parts

#### Support

- Exclusive Stock
- Technical Documentation
- Telephone Support
- Training
- Troubleshooting

#### Improvements

- Equipment Upgrades and Redesign
- Replacement and Retrofit



	<b>(L)</b>					
<b>FRAME LENGTH (in)</b>	18	24	30	36	42	48
<b>PLATE CAPACITY</b>	9	18	30	42	53	65

<b>SPECIFICATIONS</b>	<b>WCR A425BW</b>
MAWP (PSI)	150 / 300
MAWT (°F)	392
MAXIMUM CONNECTIONS (in)	4"
MAXIMUM FLOW RATE (GPM)	600
MAXIMUM SURFACE AREA (ft²)	305.5
VOLUME / CHANNEL (gal)	0.25

<b>CONNECTION TYPE</b>	
4" STD. STUDDED LINED 150 CLASS	
4" FLANGED 150 CLASS	4" TRI CLAMP
4" FLANGED 300 CLASS	4" STUDDED LINED 300 CLASS

H1 - FLUID 1 INLET                      H3 - FLUID 2 INLET  
H4 - FLUID 2 OUTLET                    H2 - FLUID 2 OUTLET

- Plate Material**                      AISI 304L | AISI 316L | Titanium Gr1 | TiPd | H C276 | Ni200
- Plate Thickness**                    2 x 0.6mm
- Gasket Material**                    NBR | EPDM | HNBR | Viton® | Silicone VMQ® | Alfas® | Teflon® Encapsulated
- Frame Material**                      Carbon Steel | 304 Stainless Steel
- Frame Finish**                        Epoxy Coated | Powder Coated | Surface Prep 304
- Tightening Rod**                      B7 Grade Clear Zinc | B8 Grade Stainless
- Connection Materials**            AISI 304L | AISI 316L | Titanium Gr1 | TiPd | H C276 | Ni200
- Connection Type**                    Studded Lined | Tri-Clamp | Flanged



wcrhx.com

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