

# JAD

SHELL & COIL  
HEAT EXCHANGERS



# JAD

## HEAT EXCHANGERS

The design and performance of JAD shell and tube heat exchangers make them perfect for the most demanding applications.

Their sizes, compact in relation to the heat exchange area, and consequently the high performance as compared to the standard solutions, are appreciated by many installers and users. Made entirely of stainless steel, they offer a durable and sturdy design. Due to their design flexibility, they may become a part of most heat transfer systems. Thanks to their properties, JAD exchangers are most often used in heating installations and heating substations, while JAD X – in installations with high requirements.



## WHY CHOOSE **HEXONIC** JAD SHELL & COIL HEAT EXCHANGERS?



### SPACE SAVING

Compact dimensions and vertical installation reduces space required for installation.



### HIGH EFFICIENCY

Higher heat transfer coefficient – corrugated tubes promote flow turbulence and thus intensify heat exchange.



### LOW MAINTENANCE COSTS

X-shaped connections and corrugated tubes make the exchangers more resistant to fouling.



### WIDE APPLICATION

Wide range of temperature, pressure, flow velocity, and media compatibility.



### NON-DISMOUNTABLE WELDED CONSTRUCTION

Makes the shell and coil heat exchanger very durable.



### MADE OF HIGH-ALLOY AUSTENITIC STAINLESS STEEL

Makes the JAD heat exchanger resistant to corrosion.



### CERTIFICATES AND NORMS

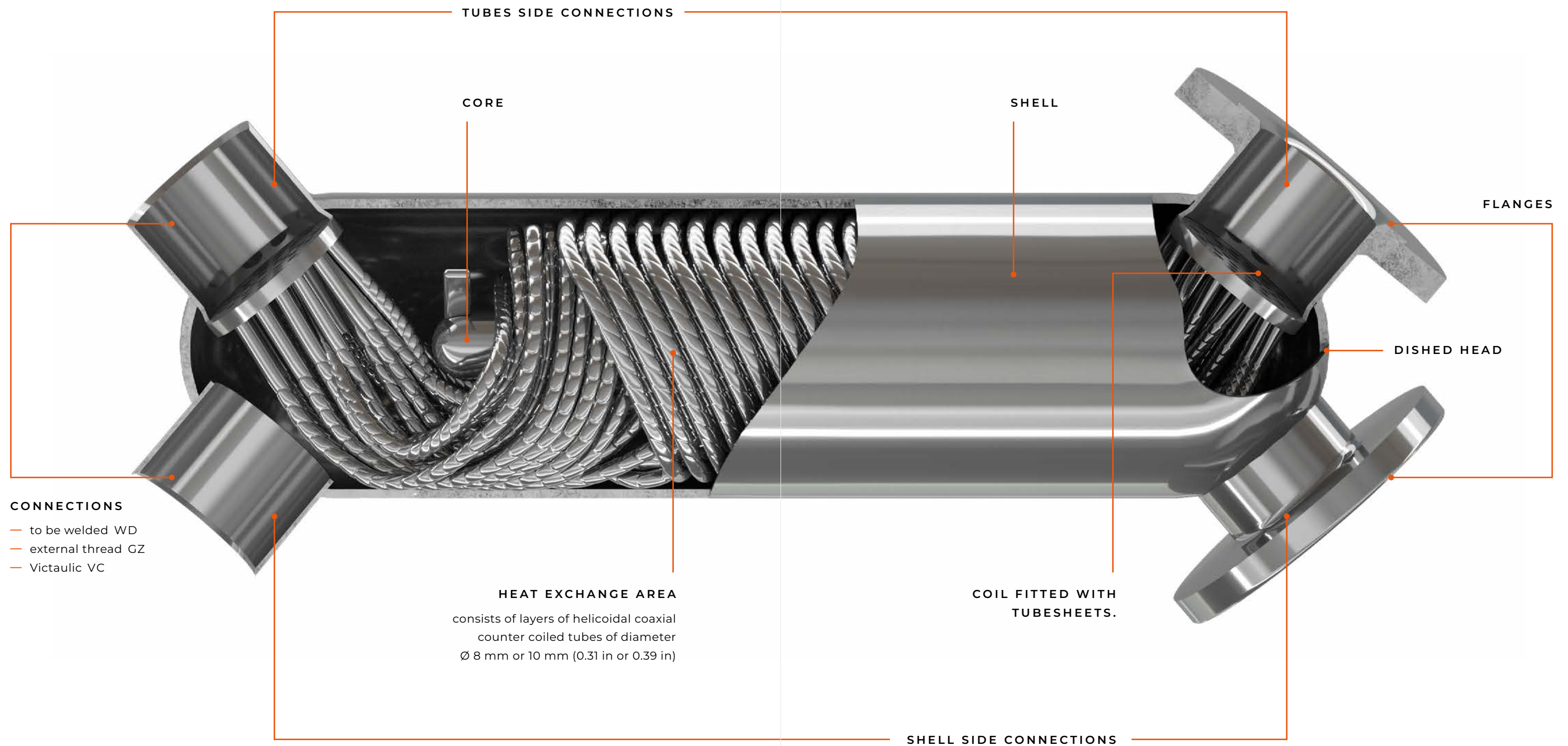
Manufactured in accordance with ASME, PED.



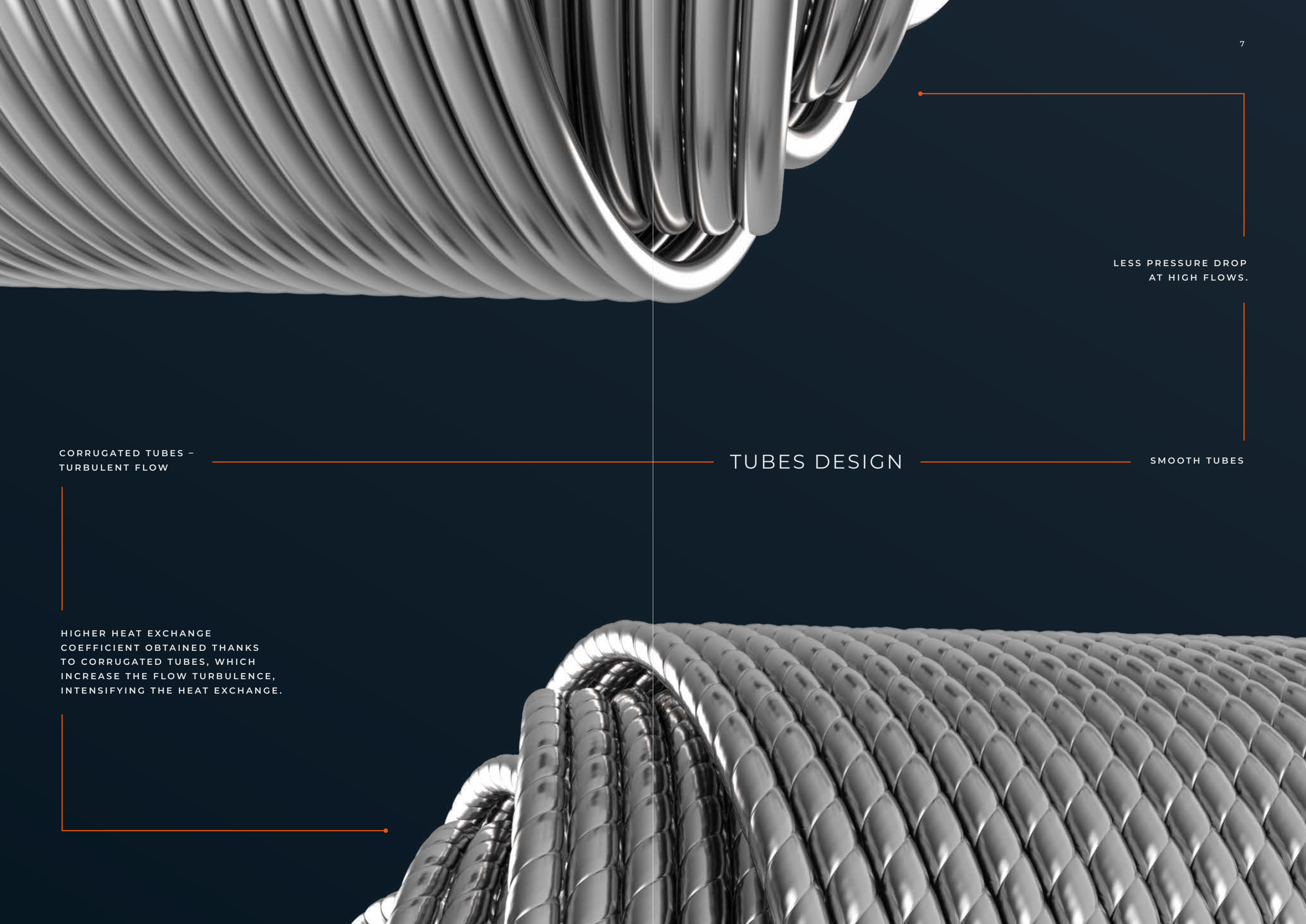
### EASY SELECTION

With user-friendly CAIRO Selection Software.

## JAD DESIGN







LESS PRESSURE DROP  
AT HIGH FLOWS.

CORRUGATED TUBES -  
TURBULENT FLOW

## TUBES DESIGN

SMOOTH TUBES

HIGHER HEAT EXCHANGE  
COEFFICIENT OBTAINED THANKS  
TO CORRUGATED TUBES, WHICH  
INCREASE THE FLOW TURBULENCE,  
INTENSIFYING THE HEAT EXCHANGE.

## APPLICATION



HEAT EXCHANGE IN  
INDUSTRIAL PROCESSES



CHEMICAL AND  
FOOD INDUSTRY



DISTRICT HEATING  
SUBSTATIONS



CONDENSERS



VENTILATION  
SYSTEMS



EVAPORATORS



AIR-CONDITIONING  
SYSTEMS



ECONOMIZERS



HEATING SYSTEMS



# K

## SHELL & COIL HEAT EXCHANGERS



## TECHNICAL DATA

### MATERIALS

- STAINLESS STEEL
- FLANGES:  
STAINLESS STEEL (SS)  
OR CARBON STEEL (CS)

### EXEMPLARY MEDIA

- WATER
- PROPYLENE GLYCOL  
SOLUTIONS
- GROUP II FLUIDS
- OTHER (CONSULT  
THE MANUFACTURER)

### WORKING PARAMETERS

#### TUBES

- MAX. TEMPERATURE
- EE — 165°C / 329°F
  - FF — 200°C / 392°F
  - MF — 250°C / 482°F

#### SHELL

- MAX. TEMPERATURE
- EE — 165°C / 329°F
  - FF — 200°C / 392°F
  - MF — 200°C / 392°F

#### MAX. PRESSURE

- EE — 16 BAR / 232 PSI
- FF — 16 BAR / 232 PSI
- MF — 25 BAR / 363 PSI

#### MAX. PRESSURE

- (EE, FF, MF)
- 16 BAR / 232 PSI

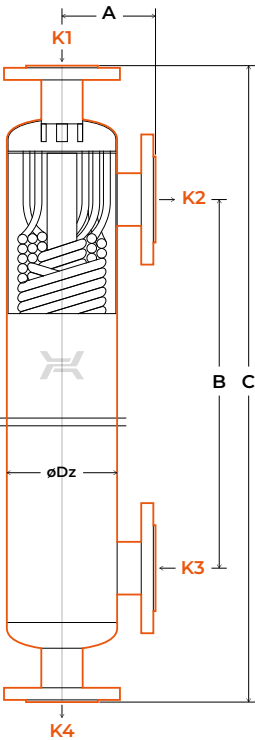
## CONNECTIONS

| Type<br>JAD (K) | K1 / K4       |      |         | K2 / K3       |      |         |
|-----------------|---------------|------|---------|---------------|------|---------|
|                 | Flanges SS/CS | WD   | ET      | Flanges SS/CS | WD   | ET      |
| 3.18            | DN32          | 42.4 | G1 1/4" | DN40          | 48.3 | G1 1/2" |
| 5.36            | DN40          | 48.3 | G1 1/2" | DN65          | 76.1 | G2 1/2" |
| 6.50            | DN50          | 60.3 | G2"     | DN65          | 76.1 | G2 1/2" |
| 6.50.10         | DN50          | 60.3 | G2"     | DN65          | 76.1 | G2 1/2" |
| 14.163          | DN100         | —    | —       | DN150         | —    | —       |
| 14.163.10       | DN100         | —    | —       | DN150         | —    | —       |
| 15.177.10       | DN200         | —    | —       | DN150         | —    | —       |
| 15.177.10.75    | DN200         | —    | —       | DN150         | —    | —       |
| 15.177.10.100   | DN200         | —    | —       | DN150         | —    | —       |
| 26.480          | DN250         | —    | —       | DN200         | —    | —       |

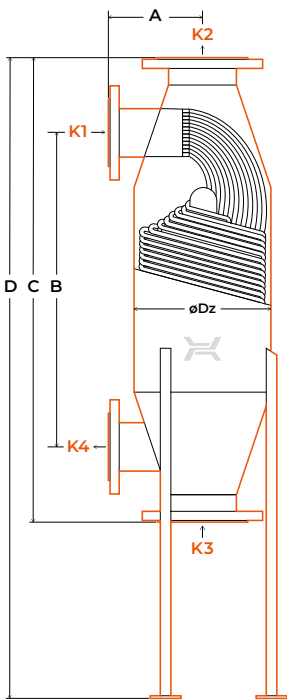
Flanges SS/CS – stainless steel / carbon steel | WD – connection to be welded | ET – external thread

STANDARD LOCATION OF CONNECTIONS (IN COUNTERFLOW):

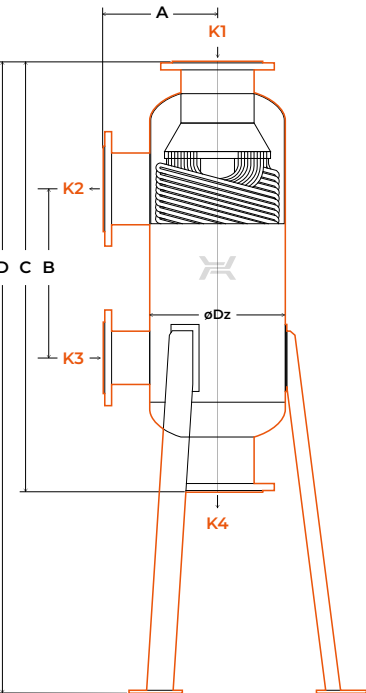
K1 / K4 — inlet/outlet side 1  
K3 / K2 — inlet/outlet side 2



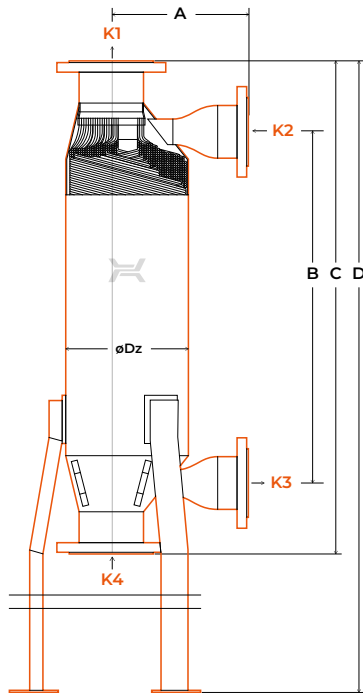
JAD (K) 3.18    JAD (K) 6.50  
JAD (K) 5.36    JAD (K) 6.50.10



JAD (K) 14.163  
JAD (K) 14.163.10



JAD (K) 15.177.10    JAD (K) 15.177.10.75  
JAD (K) 15.177.10.100



JAD (K) 26.480

TECHNICAL PARAMETERS

| Type<br>JAD (K) | Dimensions |      |       |      |       |      |       |       |       |      | Heat<br>exchange<br>area |       | Tube<br>diameter |     | Weight |        | Tube side<br>capacity |      | Shell side<br>capacity |      |
|-----------------|------------|------|-------|------|-------|------|-------|-------|-------|------|--------------------------|-------|------------------|-----|--------|--------|-----------------------|------|------------------------|------|
|                 | A          | B    |       | C    |       | D    |       | ØDz   |       |      |                          |       |                  |     |        |        |                       |      |                        |      |
|                 | mm         | in   | mm    | in   | mm    | in   | mm    | in    | mm    | in   | m²                       | ft²   | mm               | in  | kg     | lb     | l                     | gal  | l                      | gal  |
| 3.18            | 114        | 4,5  | 1 260 | 49,6 | 1 604 | 63,2 | –     | –     | 101,6 | 4    | 2,2                      | 23,7  | 8                | 0,3 | 26     | 57,3   | 4,8                   | 1,3  | 5                      | 1,3  |
| 5.36            | 132        | 5,2  | 1 220 | 48   | 1 604 | 63,2 | –     | –     | 139,7 | 5,5  | 3,6                      | 38,7  | 8                | 0,3 | 42,5   | 93,7   | 7,8                   | 2,1  | 9,5                    | 2,5  |
| 6.50            | 136        | 5,4  | 1 220 | 48   | 1 604 | 63,2 | –     | –     | 159   | 6,3  | 5,7                      | 61,3  | 8                | 0,3 | 49,5   | 109,1  | 11,4                  | 3    | 12,8                   | 3,4  |
| 6.50.10         | 136        | 5,4  | 1 220 | 48   | 1 604 | 63,2 | –     | –     | 159   | 6,3  | 4,8                      | 51,7  | 10               | 0,4 | 48,5   | 106,9  | 10,8                  | 2,9  | 13,4                   | 3,5  |
| 14.163          | 220        | 8,7  | 1 467 | 57,8 | 1 820 | 71,7 | 2 238 | 88,1  | 323,9 | 12,8 | 24,7                     | 265,8 | 8                | 0,3 | 205    | 451,9  | 39,4                  | 10,4 | 48,6                   | 12,8 |
| 14.163.10       | 220        | 8,7  | 1 467 | 57,8 | 1 820 | 71,7 | 2 238 | 88,1  | 323,9 | 12,8 | 18,2                     | 195,8 | 10               | 0,4 | 178    | 392    | 47,4                  | 12,5 | 50                     | 13,2 |
| 15.177.10       | 340        | 13,4 | 1 235 | 48,6 | 2 037 | 80,2 | 2 640 | 103,9 | 406,4 | 16   | 35,5                     | 382   | 10               | 0,4 | 349,8  | 771,2  | 81,1                  | 21,4 | 128,8                  | 34   |
| 15.177.10.75    | 340        | 13,4 | 485   | 19,1 | 1 287 | 50,7 | 1 890 | 74,4  | 406,4 | 16   | 16,5                     | 177,5 | 10               | 0,4 | 225    | 496    | 51,8                  | 13,7 | 65                     | 17,2 |
| 15.177.10.100   | 340        | 13,4 | 735   | 28,9 | 1 537 | 60,5 | 2 140 | 84,3  | 406,4 | 16   | 22,5                     | 242,1 | 10               | 0,4 | 268    | 590,8  | 65,5                  | 17,3 | 91                     | 24   |
| 26.480          | 560        | 22,1 | 1 460 | 57,5 | 2 040 | 80,3 | 2 890 | 113,8 | 508   | 20   | 77,4                     | 833,1 | 8                | 0,3 | 740    | 1631,4 | 154,7                 | 40,9 | 145,3                  | 38,4 |

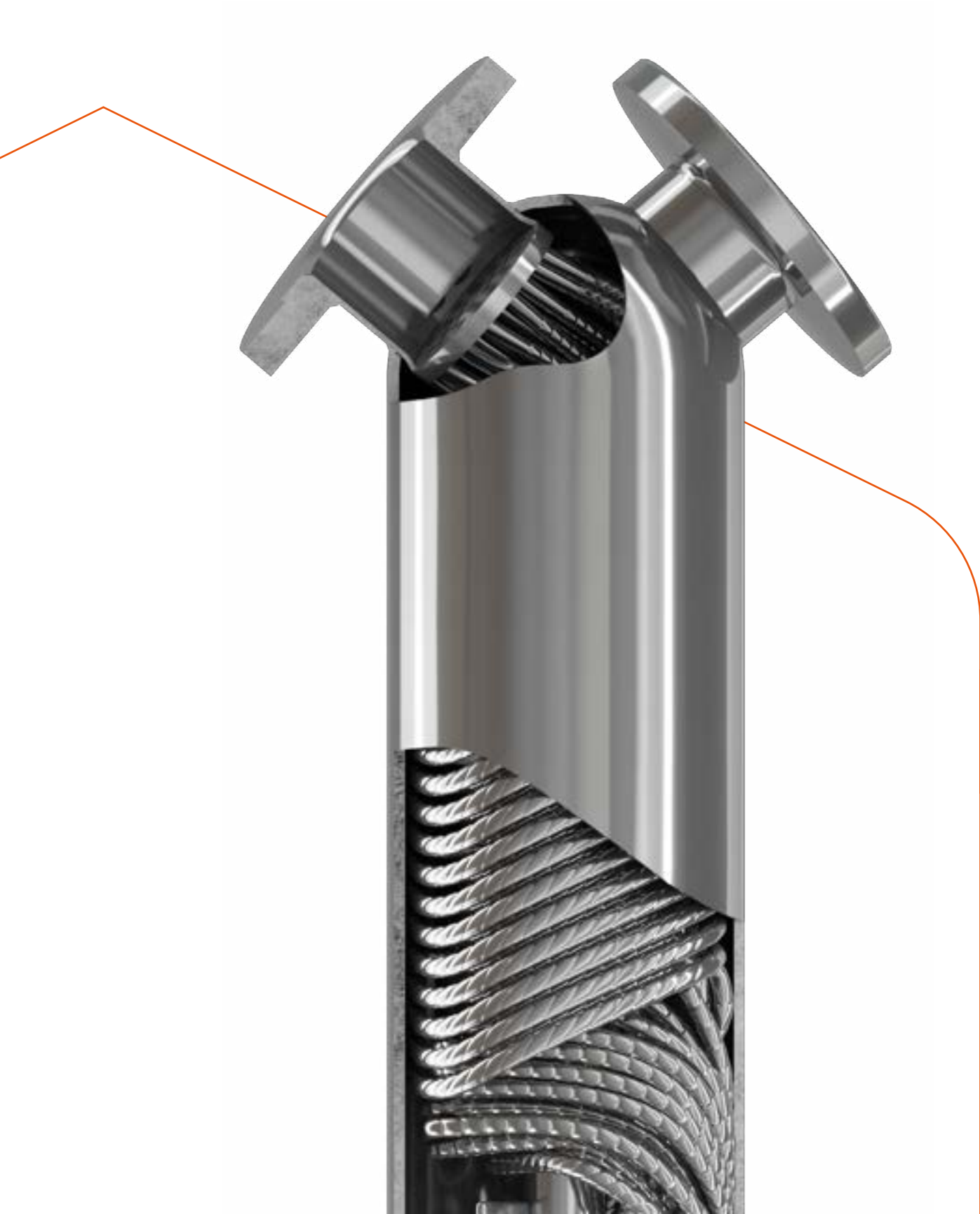
\* Weight for FF version with flanges. | Manufacture type: STA – shell 304L [18–10 (steel: 1.4307)], connections 321 [18–10 (steel: 1.4541)].  
All dimensions and technical data are approximate only and may be changed without further notice.





# X (K)

## SHELL & COIL HEAT EXCHANGERS



MATERIALS

- STAINLESS STEEL
- FLANGES:  
STAINLESS STEEL (SS)  
OR CARBON STEEL (CS)

EXEMPLARY MEDIA

- WATER
- PROPYLENE GLYCOL SOLUTIONS
- GROUP II FLUIDS
- OTHER (CONSULT THE MANUFACTURER)

WORKING PARAMETERS

TUBES

- MAX. TEMPERATURE
- FF — 200°C / 392°F
  - MF — 250°C / 482°F
  - BF — 200°C / 392°F

MAX. PRESSURE

- FF — 16 BAR / 232 PSI
- MF — 25 BAR / 363 PSI
- BF — 35 BAR / 507 PSI

SHELL

- MAX. TEMPERATURE (FF, MF, BF) — 200°C / 392°F

MAX. PRESSURE

- (FF, MF, B F) — 16 BAR / 232 PSI

## CONNECTIONS

| Type<br>JAD X (K) | K1 / K4       |       |         | K2 / K3       |       |         | VC<br>– all nozzles |
|-------------------|---------------|-------|---------|---------------|-------|---------|---------------------|
|                   | Flanges SS/CS | WD    | ET      | Flanges SS/CS | WD    | ET      |                     |
| 2.11              | DN40          | 48.3  | G1 1/2" | DN40          | 48.3  | G1 1/2" | 48.3 / DN40         |
| 2.11.08.68        | DN40          | 48.3  | G1 1/2" | DN40          | 48.3  | G1 1/2" | 48.3 / DN40         |
| 3.18              | DN50          | 60.3  | G2"     | DN50          | 60.3  | G2"     | 60.3 / DN50         |
| 3.18.08.75        | DN50          | 60.3  | G2"     | DN50          | 60.3  | G2"     | 60.3 / DN50         |
| 5.38              | DN65          | 76.1  | G2 1/2" | DN65          | 76.1  | G2 1/2" | 76.1 / DN65         |
| 5.38.08.71        | DN65          | 76.1  | G2 1/2" | DN65          | 76.1  | G2 1/2" | 76.1 / DN65         |
| 6.50              | DN80          | 88.9  | G3"     | DN80          | 88.9  | G3"     | 88.9 / DN80         |
| 6.50.08.72        | DN80          | 88.9  | G3"     | DN80          | 88.9  | G3"     | 88.9 / DN80         |
| 6.50.10           | DN80          | 88.9  | G3"     | DN80          | 88.9  | G3"     | 88.9 / DN80         |
| 9.88              | DN100         | 114.3 | G4"     | DN100         | 114.3 | G4"     | 114.3 / DN100       |
| 9.88.08.65        | DN100         | 114.3 | G4"     | DN100         | 114.3 | G4"     | 114.3 / DN100       |
| 9.88.08.85        | DN100         | 114.3 | G4"     | DN100         | 114.3 | G4"     | 114.3 / DN100       |
| 9.88.10           | DN100         | 114.3 | G4"     | DN100         | 114.3 | G4"     | 114.3 / DN100       |
| 12.114            | DN125         | 139.7 | –       | DN125         | 139.7 | –       | 139.7 / DN125       |
| 12.114.08.50      | DN125         | 139.7 | –       | DN125         | 139.7 | –       | 139.7 / DN125       |
| 12.114.08.60      | DN125         | 139.7 | –       | DN125         | 139.7 | –       | 139.7 / DN125       |
| 12.114.08.75      | DN125         | 139.7 | –       | DN125         | 139.7 | –       | 139.7 / DN125       |
| 12.114.10         | DN125         | 139.7 | –       | DN125         | 139.7 | –       | 139.7 / DN125       |
| 17.217            | DN150         | –     | –       | DN150         | –     | –       | –                   |
| 17.217.10         | DN150         | –     | –       | DN150         | –     | –       | –                   |

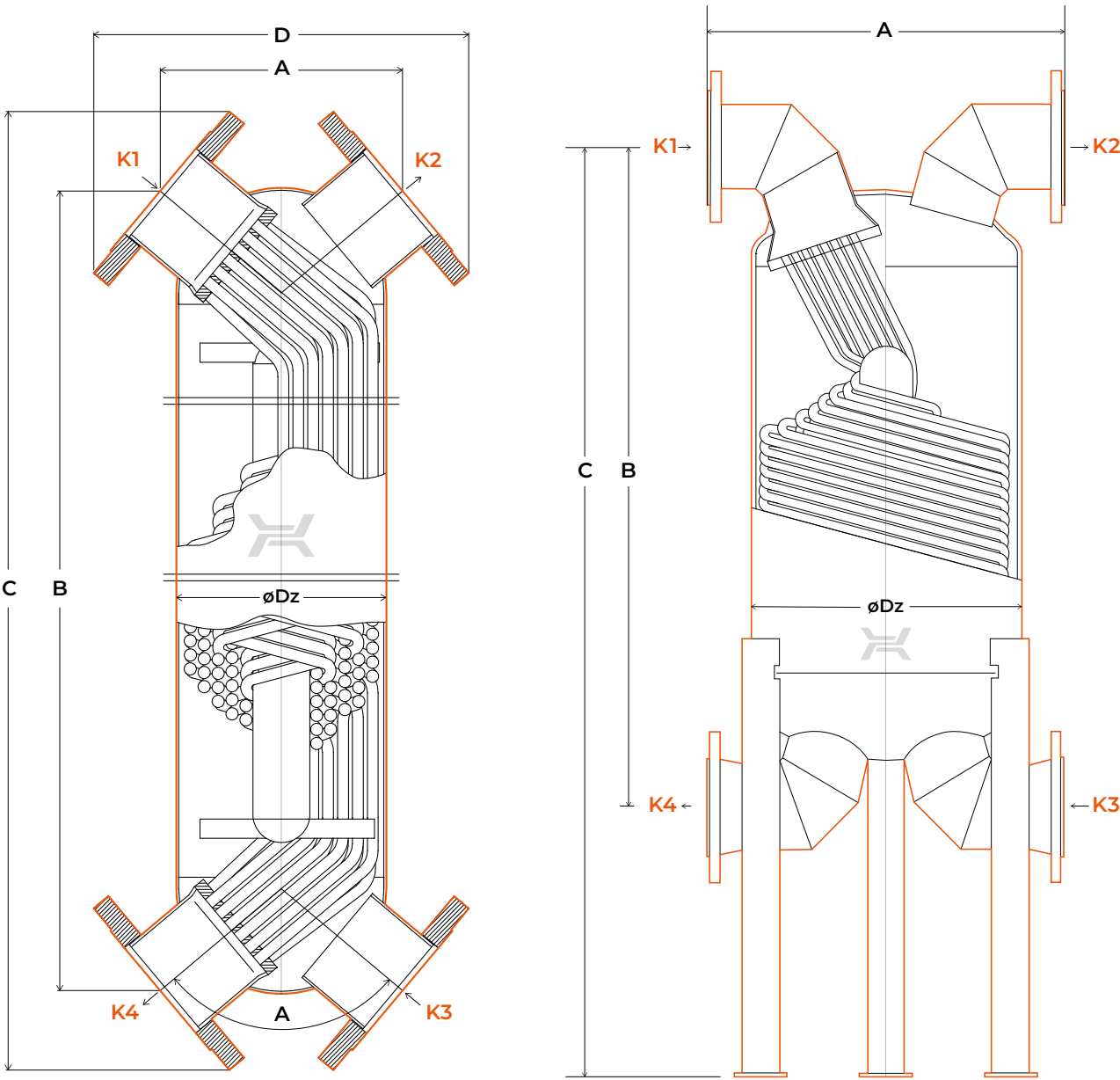
Flanges SS/CS – stainless steel / carbon steel | WD – connection to be welded | ET – external thread | VC – Victaulic



TECHNICAL DATA

STANDARD LOCATION OF CONNECTIONS (IN COUNTERFLOW)

K1 / K4 — inlet/outlet side 1  
K3 / K2 — inlet/outlet side 2



- JAD X (K) 2.11  
JAD X (K) 2.11.08.68  
JAD X (K) 3.18  
JAD X (K) 3.18.08.75  
JAD X (K) 5.38  
JAD X (K) 5.38.08.71

JAD X (K) 6.50  
JAD X (K) 6.50.08.72  
JAD X (K) 6.50.10  
JAD X (K) 9.88  
JAD X (K) 9.88.08.65  
JAD X (K) 9.88.08.85

JAD X (K) 9.88.10  
JAD X (K) 12.114  
JAD X (K) 12.114.08.50  
JAD X (K) 12.114.08.60  
JAD X (K) 12.114.08.75  
JAD X (K) 12.114.10

JAD X (K) 17.217  
JAD X (K) 17.217.10

TECHNICAL PARAMETERS

| JAD X (K)<br>Type | Dimensions |      |      |      |      |      |     |      |       |      |      | Heat<br>exchange<br>area |       | Tube<br>diameter |     | Weight |        | Tube side<br>capacity |      | Shell side<br>capacity |      |
|-------------------|------------|------|------|------|------|------|-----|------|-------|------|------|--------------------------|-------|------------------|-----|--------|--------|-----------------------|------|------------------------|------|
|                   | A          |      | B    |      | C    |      | D   |      | ØDz   |      | alfa |                          |       |                  |     |        |        |                       |      |                        |      |
|                   | mm         | in   | mm   | in   | mm   | in   | mm  | in   | mm    | in   |      | m²                       | ft²   | mm               | in  | kg     | lb     | l                     | gal  | l                      | gal  |
| 2.11              | 160        | 6.3  | 1513 | 59.6 | 1625 | 64   | 253 | 10   | 80    | 3.2  | 100  | 1,2                      | 12.9  | 8                | 0.3 | 19,6   | 43.2   | 2,3                   | 0.6  | 2,6                    | 0.7  |
| 2.11.08.68        | 160        | 6.3  | 835  | 32.9 | 942  | 37.1 | 253 | 10   | 80    | 3.2  | 100  | 0,6                      | 6.5   | 8                | 0.3 | 14,5   | 32     | 1,2                   | 0.3  | 1,2                    | 0.3  |
| 3.18              | 173        | 6.8  | 1510 | 59.5 | 1634 | 64.3 | 278 | 10.9 | 101,6 | 4    | 100  | 2                        | 21.5  | 8                | 0.3 | 27,1   | 59.8   | 4                     | 1.1  | 5                      | 1.3  |
| 3.18.08.75        | 173        | 6.8  | 917  | 36.1 | 1041 | 41   | 278 | 10.9 | 101,6 | 4    | 100  | 1,2                      | 12.9  | 8                | 0.3 | 21,1   | 46.5   | 2,6                   | 0.7  | 2,5                    | 0.7  |
| 5.38              | 201        | 7.9  | 1510 | 59.5 | 1649 | 64.9 | 317 | 12.5 | 139,7 | 5.5  | 100  | 4                        | 43    | 8                | 0.3 | 42,4   | 93.5   | 6,6                   | 1.7  | 11,2                   | 3    |
| 5.38.08.71        | 201        | 7.9  | 908  | 35.8 | 1047 | 41.2 | 317 | 12.5 | 139,7 | 5.5  | 100  | 2,3                      | 24.8  | 8                | 0.3 | 30,5   | 67.2   | 4                     | 1.1  | 6,8                    | 1.8  |
| 6.50              | 206        | 8.1  | 1492 | 58.7 | 1653 | 65.1 | 341 | 13.4 | 159   | 6.3  | 100  | 5,3                      | 57    | 8                | 0.3 | 51,9   | 114.4  | 11,2                  | 3    | 13,6                   | 3.6  |
| 6.50.08.72        | 206        | 8.1  | 907  | 35.7 | 1068 | 42.1 | 341 | 13.4 | 159   | 6.3  | 100  | 3,1                      | 33.4  | 8                | 0.3 | 37,3   | 82.2   | 4,6                   | 1.2  | 9,9                    | 2.6  |
| 6.50.10           | 206        | 8.1  | 1492 | 58.7 | 1653 | 65.1 | 341 | 13.4 | 159   | 6.3  | 100  | 5,1                      | 54.9  | 10               | 0.4 | 50,9   | 112.2  | 14,2                  | 3.8  | 10,6                   | 2.8  |
| 9.88              | 253        | 10   | 1481 | 58.3 | 1676 | 66   | 416 | 16.4 | 219,1 | 8.6  | 100  | 10,7                     | 115.1 | 8                | 0.3 | 84,2   | 185.6  | 16                    | 4.2  | 29                     | 7.7  |
| 9.88.08.65        | 253        | 10   | 886  | 34.9 | 1050 | 41.3 | 416 | 16.4 | 219,1 | 8.6  | 100  | 4,9                      | 52.7  | 8                | 0.3 | 52,1   | 114.9  | 6,6                   | 1.7  | 20,8                   | 5.5  |
| 9.88.08.85        | 253        | 10   | 1086 | 42.8 | 1250 | 49.2 | 416 | 16.4 | 219,1 | 8.6  | 100  | 6,2                      | 66.7  | 8                | 0.3 | 60,1   | 132.5  | 8,2                   | 2.2  | 25                     | 6.6  |
| 9.88.10           | 253        | 10   | 1481 | 58.3 | 1676 | 66   | 416 | 16.4 | 219,1 | 8.6  | 100  | 8,3                      | 89.3  | 10               | 0.4 | 76,2   | 168    | 13                    | 3.4  | 32                     | 8.5  |
| 12.114            | 344        | 13.5 | 1681 | 66.2 | 1883 | 74.1 | 484 | 19.1 | 273   | 10.8 | 110  | 18,4                     | 198   | 8                | 0.3 | 140,2  | 309.1  | 20,1                  | 5.3  | 54,2                   | 14.3 |
| 12.114.08.50      | 344        | 13.5 | 781  | 30.8 | 983  | 38.7 | 484 | 19.1 | 273   | 10.8 | 110  | 6,3                      | 67.8  | 8                | 0.3 | 71,2   | 157    | 8                     | 2.1  | 29                     | 7.7  |
| 12.114.08.60      | 344        | 13.5 | 881  | 34.7 | 1083 | 42.6 | 484 | 19.1 | 273   | 10.8 | 110  | 6,5                      | 69.9  | 8                | 0.3 | 73,8   | 162.7  | 9                     | 2.4  | 34                     | 9    |
| 12.114.08.75      | 344        | 13.5 | 1031 | 40.6 | 1233 | 48.5 | 484 | 19.1 | 273   | 10.8 | 110  | 8,8                      | 94.7  | 8                | 0.3 | 86,6   | 190.9  | 10                    | 2.6  | 38,5                   | 10.2 |
| 12.114.10         | 344        | 13.5 | 1681 | 66.2 | 1883 | 74.1 | 484 | 19.1 | 273   | 10.8 | 110  | 14,9                     | 160.3 | 10               | 0.4 | 127,7  | 281.5  | 19,3                  | 5.1  | 55                     | 14.5 |
| 17.217            | 670        | 26.4 | 1855 | 73   | 2364 | 93.1 | –   | –    | 508   | 20   | 36   | 50,3                     | 541.4 | 8                | 0.3 | 395    | 1074.8 | 85,1                  | 22.5 | 240                    | 63.4 |
| 17.217.10         | 670        | 26.4 | 1855 | 73   | 2364 | 93.1 | –   | –    | 508   | 20   | 36   | 60,6                     | 652.3 | 10               | 0.4 | 454    | 1000.9 | 77,6                  | 20.5 | 239                    | 63.1 |

\* Weight for FF version with flanges. | Manufacture type: STA – shell 304L [18–10 (steel: 1.4307)], connections 321 [18–10 (steel: 1.4541)], PRO – 316L [17–12–2,5 (steel: 1.4404)]  
All dimensions and technical data are approximate only and may be changed without further notice.

# S / H

## SHELL & COIL HEAT EXCHANGERS



# TECHNICAL DATA

### WORKING PARAMETERS

#### TUBES

**S**  
MAX. TEMPERATURE  
EE — 165°C / 329°F  
FF — 200°C / 392°F

MAX. PRESSURE  
(EE, FF) — 16 BAR / 232 PSI

**H**  
MAX. TEMPERATURE FF — 200°C / 392°F  
MAX. PRESSURE FF — 16 BAR / 232 PSI

#### SHELL

**S**  
MAX. TEMPERATURE  
EE — 165°C / 329°F  
FF — 200°C / 392°F

MAX. PRESSURE  
(EE, FF) — 16 BAR / 232 PSI

**H**  
MAX. TEMPERATURE FF — 200°C / 392°F  
MAX. PRESSURE FF — 16 BAR / 232 PSI

### MATERIALS

- STAINLESS STEEL
- FLANGES:  
STAINLESS STEEL (SS)  
OR CARBON STEEL (CS)

### EXEMPLARY MEDIA

- WATER
- PROPYLENE GLYCOL  
SOLUTIONS
- GROUP II FLUIDS
- OTHER (CONSULT  
THE MANUFACTURER)

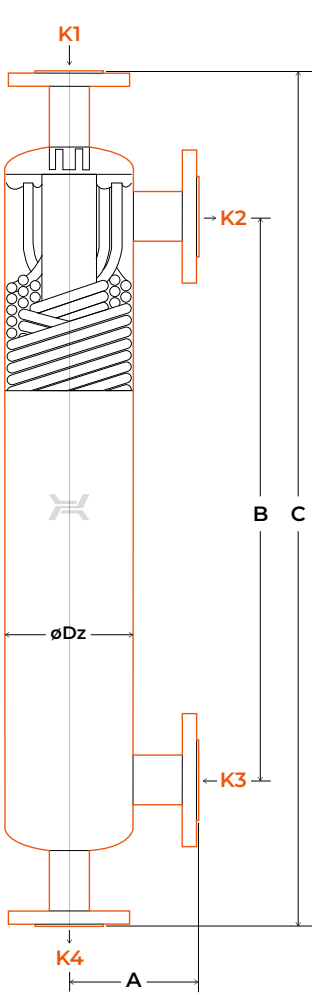
# CONNECTIONS

| Type     | K1 / K4       |      |         | K2 / K3       |      |         |
|----------|---------------|------|---------|---------------|------|---------|
|          | Flanges SS/CS | WD   | ET      | Flanges SS/CS | WD   | ET      |
| S1 (K)   | DN40          | 48.3 | G1 1/2" | DN50          | 60.3 | G2"     |
| S0 X (K) | DN40          | 48.3 | G1 1/2" | DN40          | 48.3 | G1 1/2" |
| S1 X (K) | DN40          | 48.3 | G1 1/2" | DN50          | 60.3 | G2"     |
| H0 K     | DN15          | 21.3 | G1/2"   | DN20          | 26.9 | G3/4"   |
| H1 K     | DN15          | 21.3 | G1/2"   | DN20          | 26.9 | G3/4"   |
| H2 K     | DN25          | 33.7 | G1"     | DN25          | 33.7 | G1"     |

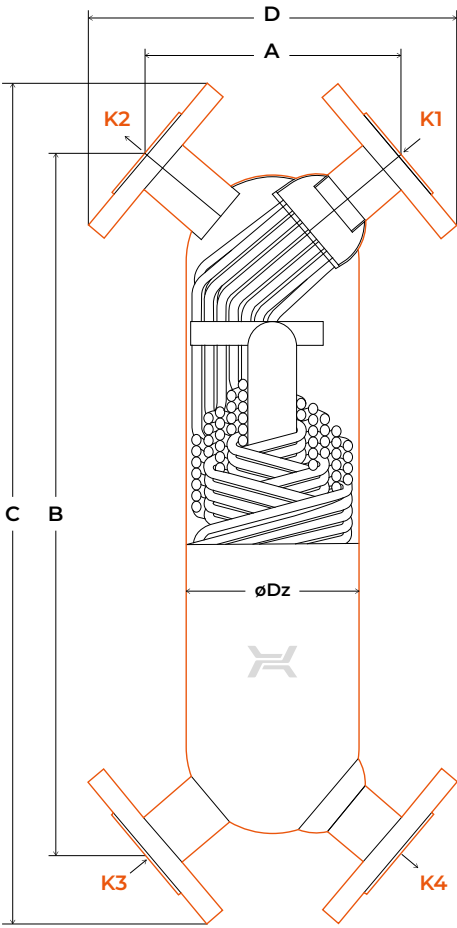
Flanges SS/CS – stainless steel / carbon steel | WD – connection to be welded | ET – external thread | VC – Victaulic

STANDARD LOCATION OF CONNECTIONS (IN COUNTERFLOW):

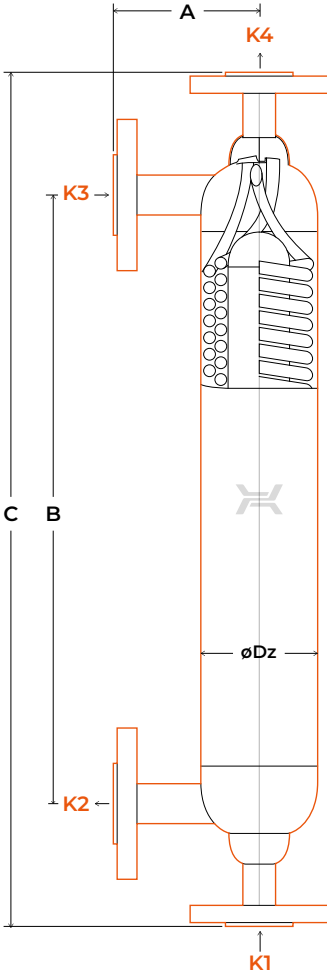
K1 / K4 — inlet / outlet side 1  
K3 / K2 — inlet / outlet side 2



S 1 (K)



S 0 X (K)  
S 1 X (K)

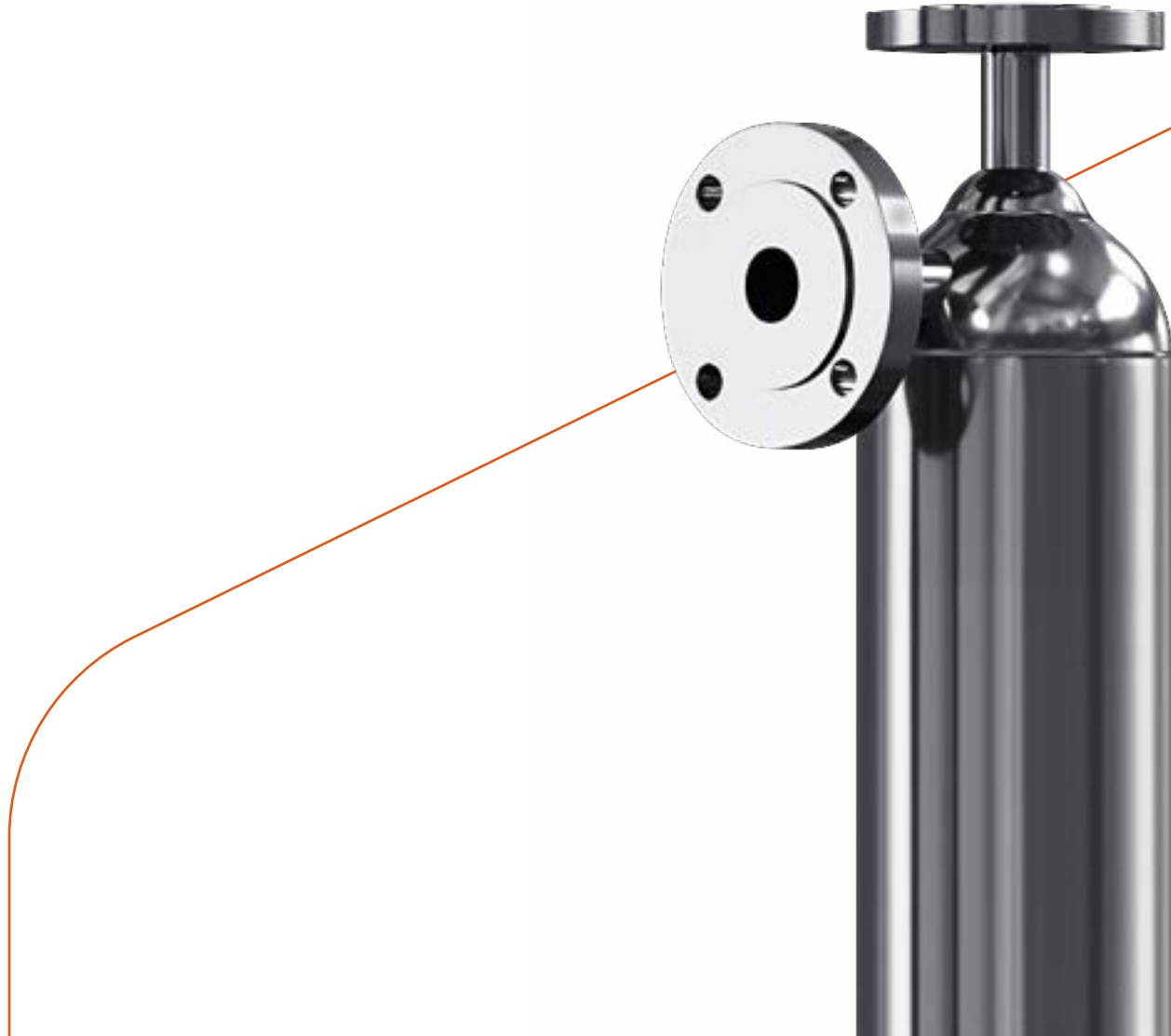


H 0 (K)  
H 1 (K)  
H 2 (K)

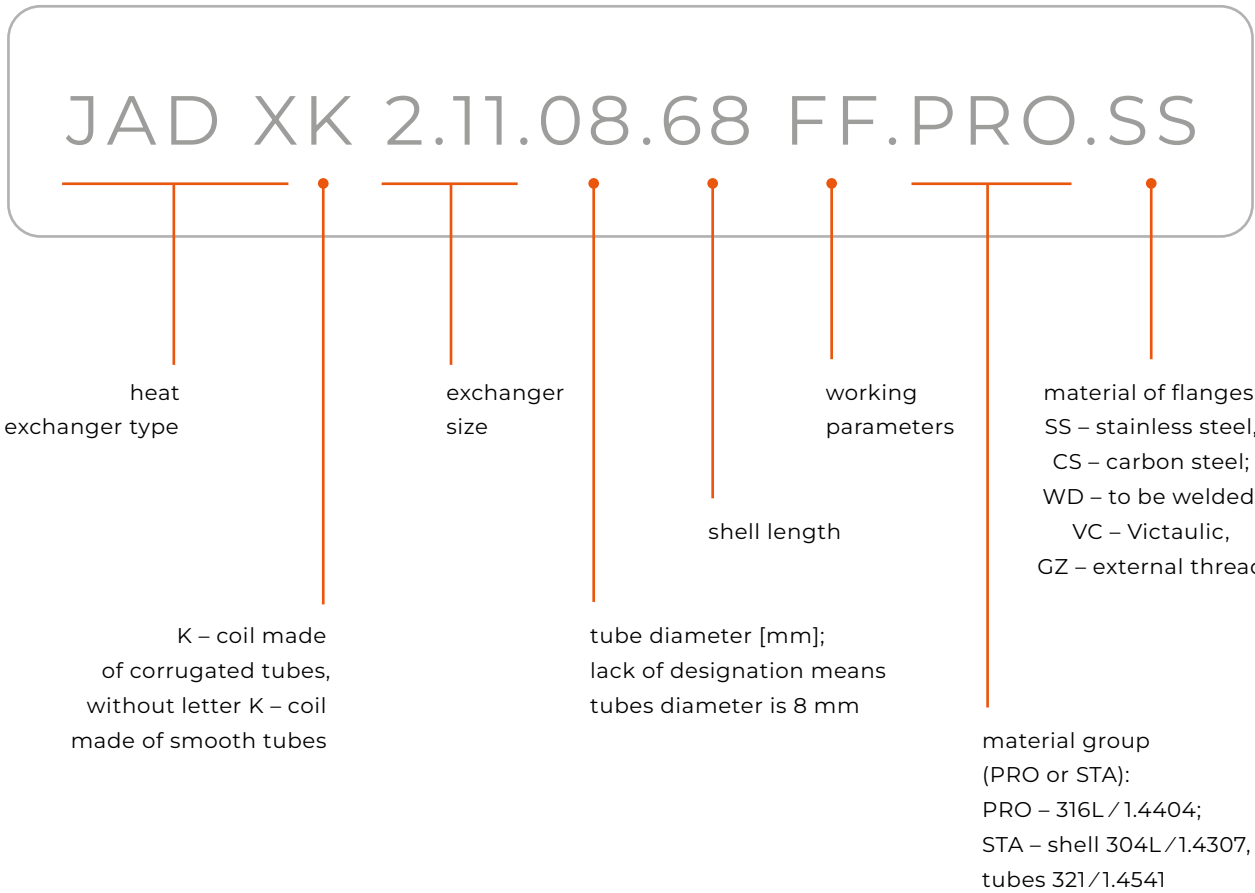
TECHNICAL PARAMETERS

| Type      | Dimensions |      |     |       |       |       |     |       |       |      |      | Heat exchange area |       | Tube diameter |     | Weight |       | Tube side capacity |      | Shell side capacity |      |
|-----------|------------|------|-----|-------|-------|-------|-----|-------|-------|------|------|--------------------|-------|---------------|-----|--------|-------|--------------------|------|---------------------|------|
|           | A          |      | B   |       | C     |       | D   |       | ØDz   |      | alfa |                    |       |               |     |        |       |                    |      |                     |      |
|           | mm         | in   | mm  | in    | mm    | in    | mm  | in    | mm    | in   |      | m²                 | ft²   | mm            | in  | kg     | lb    | l                  | gal  | l                   | gal  |
| S 1 (K)   | 160        | 6.3  | 700 | 27.56 | 1 060 | 41.73 | –   | –     | 159   | 6.26 | –    | 3,0                | 32.29 | 8             | 0.3 | 32     | 70.55 | 6,2                | 1.64 | 8,1                 | 2.14 |
| S 0 X (K) | 204        | 8.03 | 911 | 35.87 | 1 026 | 40.39 | 300 | 11.81 | 139,7 | 5.5  | 100  | 2,3                | 24.76 | 8             | 0.3 | 24     | 52.91 | 3,3                | 0.87 | 6,2                 | 1.64 |
| S 1 X (K) | 206        | 8.11 | 993 | 39.09 | 1 108 | 43.62 | 302 | 11.89 | 159   | 6.26 | 100  | 3,1                | 33.37 | 8             | 0.3 | 22     | 48.5  | 4,5                | 1.19 | 9,8                 | 2.59 |
| H 0 (K)   | 100        | 3.9  | 418 | 16.5  | 585   | 23    | –   | –     | 80    | 3.1  | –    | 0,3                | 3.12  | 8             | 0.3 | 7,1    | 15.7  | 0,5                | 0.1  | 1                   | 0.3  |
| H 1 (K)   | 110        | 4.3  | 618 | 24.3  | 800   | 31.5  | –   | –     | 101,6 | 4    | –    | 0,8                | 8.61  | 8             | 0.3 | 10,3   | 22.7  | 1,1                | 0.3  | 2,4                 | 0.6  |
| H 2 (K)   | 110        | 4.3  | 890 | 35    | 1 060 | 41.7  | –   | –     | 101,6 | 4    | –    | 1,3                | 14    | 8             | 0.3 | 13,4   | 29.5  | 1,9                | 0.5  | 3                   | 0.8  |

\* Weight for version with flanges. | Manufacture type: STA – shell 304L [18–10 (steel: 1.4307)], connections 321 [18–10 (steel: 1.4541)].  
All dimensions and technical data are approximate only and may be changed without further notice.



EXEMPLAR DESIGNATION



PRODUCT LINE



ACCESORIES

MOUNTING BRACKETS

- DEDICATED FOR JAD X AND JAD
- MADE OF STAINLESS STEEL



INSULATION

AMWI  
INSULATION FOR JAD HEAT EXCHANGERS

MADE OF MINERAL WOOL COVERED WITH ALUMINIUM. PARTS OF THE INSULATION ARE JOINED USING FASTENERS, FACILITATING ITS INSTALLATION.

- MAX. OPERATING TEMPERATURE: 250°C / 482°F
- THICKNESS: 80 MM / 3.15 IN
- HEAT CONDUCTIVITY: 0,035 W/MK / 0.02 BTU/FT. HOUR °F



ATTENTION! THE INSULATION MAY ALSO WITHSTAND 350°C / 662°F

PFI  
INSULATION FOR JAD HEAT EXCHANGERS

MADE OF POLYURETHANE FOAM. THE TWO PARTS OF THE INSULATION ARE JOINED WITH BANDS, WHICH FACILITATES THEIR INSTALLATION AND DISASSEMBLY.

- MAX. OPERATING TEMPERATURE: 135°C / 275°F
- THICKNESS: 30 MM / 1.18 IN
- HEAT CONDUCTIVITY: 0,024 W/MK / 0.014 BTU/FT. HOUR °F

