



SACOME® V-SERIE

WATER HEATER

CORRUGATED TUBULAR HEAT EXCHANGER



Advantages of using tubular heat exchangers

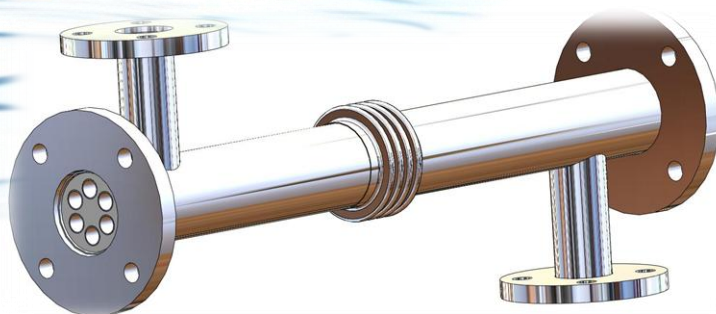
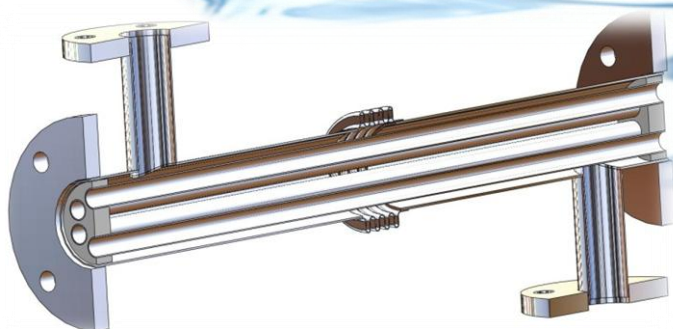
- ✓ Low maintenance costs due to the absence of gaskets.
- ✓ High working pressures.
- ✓ High working temperatures.
- ✓ Processing of particulated or fibre products.
- ✓ Easy inspection and disassembly.
- ✓ High security in aseptic processes.
- ✓ Easy to enlarge due to its modular design.

Benefits of the corrugation

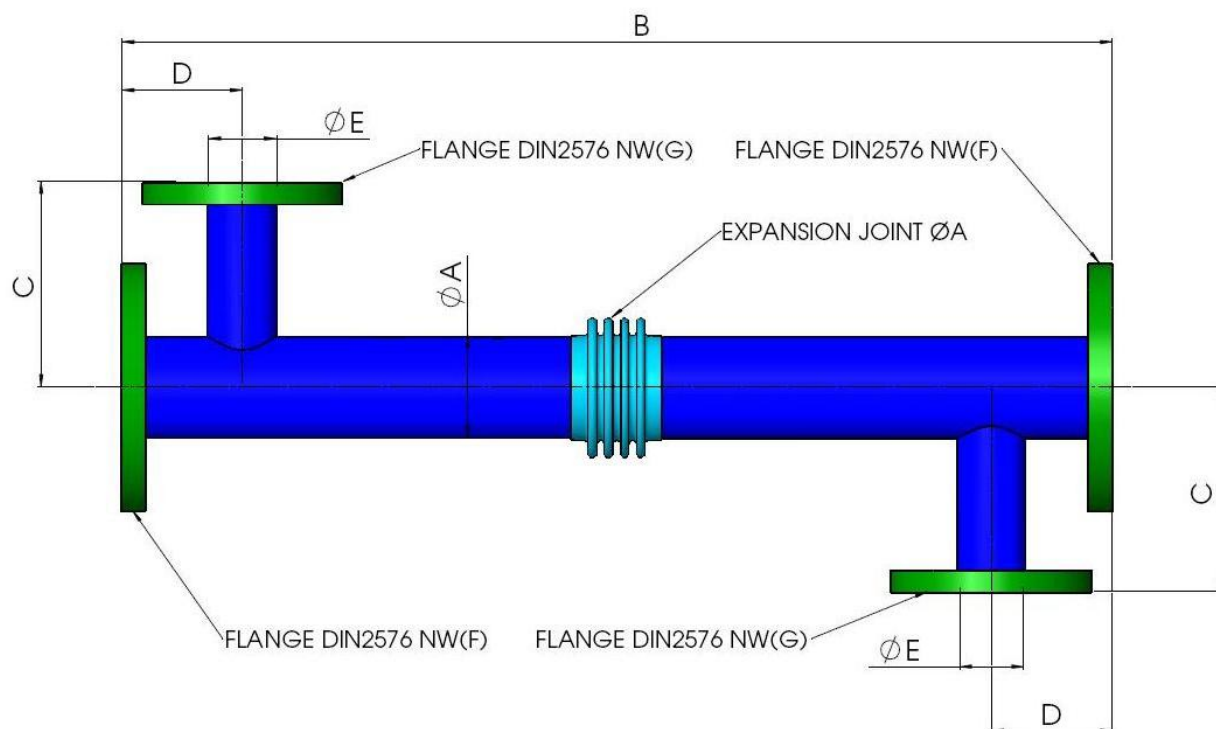
- ✓ Increasing of the turbulent flow.
- ✓ Higher heat transfer coefficients.
- ✓ Lower exchange area.
- ✓ Homogeneous thermal treatment.
- ✓ Lower fouling.
- ✓ Short processing times.
- ✓ Longer running times.

Applications

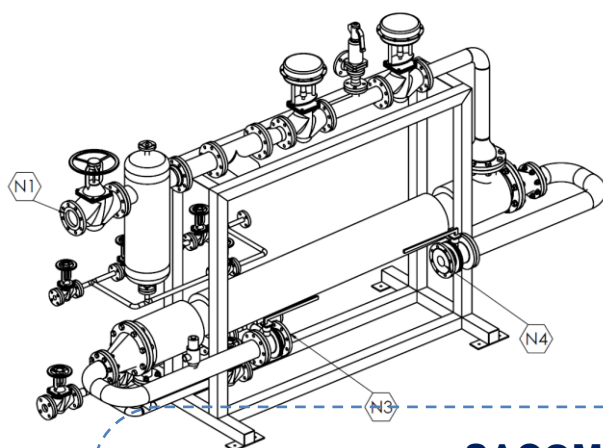
- Water.
- CIP solutions (acid or basic, NaOH, HNO₃...)
- District heating.



Geometry



| MODEL | DIMENSIONS IN mm | | | | | | | AREA (m ²) | CONTENT II | | WEIGHT (EMPTY) |
|-------|------------------|------|-------|-------|-------|-----|----|---------------------------|------------|--------|-------------------|
| | A | B | C | D | E | F | G | | TUBE | JACKET | |
| V0 | 76,2 | 739 | 153 | 90 | 50,8 | 65 | 40 | 0,25 | 0,8 | 1,7 | 12 Kg |
| V1 | 76,2 | 1439 | 153 | 90 | 50,8 | 65 | 40 | 0,5 | 1,8 | 3,7 | 18 Kg |
| V2 | 101,6 | 1439 | 165,8 | 108 | 76,2 | 80 | 65 | 1 | 3,7 | 6,4 | 28 Kg |
| V3 | 129 | 1439 | 179,5 | 124,5 | 80,9 | 100 | 80 | 2 | 7,4 | 8,9 | 36 Kg |
| V4 | 151 | 1439 | 199 | 131 | 101,6 | 125 | 80 | 3 | 11,1 | 13,2 | 52 Kg |



Standard Design Conditions

Design Temperature 180 °C
Design Pressure 10 bar

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