

FINNED TUBE HEAT EXCHANGERS WRW, WRW-W

Product general information

WRW and WRW-W is a spiral heat exchanger consisting of a seamless copper tube having integral fins (GEWA-D) and brazed fittings.

1.Operation

Fluids: Heating water; Superheated vapour; Antifrogen N, PKL 90

Max. operating temperature for EPDM-Sealing element: Up to 130 °C (up to 170 °C for a short time)

Max. operating gauge pressure: 28 bar

2.Product applications

WRW finned tube heat exchangers: mainly used for the heating of drinking or heating water and as tankless water heaters and also for heating or cooling of other liquids.

WRW-W finned tube heat exchanger: primarily used for safety heat exchangers in solid-fuel boilers.

3.Product benefits

- ✓ Proven corrosion resistance of copper materials (tin plated) for drinking water, particularly chloride-containing water
- ✓ Option of compact design through high thermal conductivity of copper in combination with optimised heat transfer surface
- ✓ Copper-a hygienic and antimicrobial material for use in drinking water storage
- ✓ Exchangeable because of compact coil design
- ✓ Standard WRW heat exchangers available from stock
- ✓ Can be adapted to your individual requirements if necessary

4.Parts and material designations

The heat exchangers mainly consist of six parts:

Finned tube: **Cu-DHP**

Fitting: **CuZn40Pb2**

Hard solder: **AG106**

Sealing element: **EPDM**

Hollow disk: **CuZn40Pb2**

Hexagon nut: **CuZn40Pb2**

5.Quality control system

DIN EN ISO 9001

