

## FINNED TUBE Condensers WRK, WRKS

### Product general information

**WRK:** is an spirally wound condenser consists of GEWA-D finned tube with integral fins.

**WRKS:** consists of two tubes: an outer (water side) GEWA-D tube with a medium-high finned tube and an inner (refrigerant side) copper tube with a pyramid-shaped structure on the outside.

#### 1.Operation

Refrigerants: R134a and other safety refrigerants (working fluids compatible with copper such as oils)

**Max. operating temperature: Up to 130 °C (temporarily up to 170 °C)**

**Max. operating gauge pressure: 50 bar**

#### 2.Product applications

Used for heating of drinking water and heating water, also as condensers in hot-water heat pumps or as desuperheaters in commercial and agricultural refrigeration systems to heat drinking and heating water

#### 3.Product benefits

- ✓ Preventing drinking water from mixing with refrigerant in case of leakage
- ✓ Easy detection of leakage
- ✓ High safety
- ✓ Proven resistance against corrosion

#### 4.Parts and material designations

The condensers mainly consist of five parts:

Finned tube: **Cu-DHP**

Fitting: **CuZn40Pb2**

O-ring: **EPDM**

Hollow disk: **CuZn40Pb2**

Hexagon nut: **CuZn40Pb2**

#### 5.Quality control system

**DIN EN ISO 9001**

