



TECHNICAL DATA SHEET

FRABO FRIO

COPPER ENDFEED FITTINGS IN INCHES

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Copper endfeed fittings in inches



DESCRIPTION

FRABO FRIO 1/4" to 4" inch size endfeed fittings are designed to be installed with **EN 12735-1**, **EN 12735-2** and **ASME B 280** compliant pipes in cooling and climate control systems, being therefore suitable for both VRV and VRF systems.

MATERIALS AND RANGE

FRABO FRIO fittings are manufactured from **Cu-DHP** copper (material **CW024A** according to EN 1412) using seamless pipes supplied in the annealed state.

The series is available in a range of dimensions in inches from 1/4" to 4" as follows: 3/8", 1/2", 5/8", 3/4", 7/8", 1, 1 1/8", 1 1/4", 1 3/8", 1 5/8", 2 1/8", 2 5/8", 3 1/8" and 4 1/8".

For more information on the series and its individual shapes visit the **FRABO FRIO** section at www.frabo.com

APPLICATIONS

Since the fittings in the **FRABO FRIO** series are the natural complement to the copper pipes constructed according to **UNI EN 12735-1** and **UN EN 12735-2** reference standards, for pipe systems and for appliances, respectively, they can be specifically applied in chilled water and climate control gas distribution.

INSTALLATION TYPES

The installation of the fittings in the **FRABO FRIO** series requires some steps connected mainly with the correct cleaning of the joint and the use of pipes specifically designed for chilled water and climate control gas distribution.

These standards provide a simple and clear guideline to both the dimensional and cleaning requirements typical of cooling systems.

As a general indication, it is recommended to perform the brazing in an inert atmosphere using shielding gases like Nitrogen to prevent the build of potentially harmful oxide layers in oxygen-rich environments.

The presence and therefore any subsequent detachment of oxide layers could reduce the system's parts service life.

FEATURES

DIMENSIONS IN INCHES

The fittings in the **FRABO FRIO** series are available in a variable range from ¼" to 4" in the diameters indicated in prospectus 2 of standard UNI EN 12735-1 and in standard ASME B 280. The fittings comply with standard ASME B 16-22.

MARKINGS

The products in the **FRABO FRIO** series are appropriately marked with labels showing the references relevant to the indicated standards and any additional information.

STANDARDS COMPLIANCE

Every shipment of material is accompanied by a declaration of conformity.

The latest copy of the declaration of product conformity with the applicable standards can also be downloaded from the **FRABO FRIO** section of the website www.frabo.com.

The designer and/or installer is responsible for choosing and applying the corrosion resistant protection and for evaluating the most effective protection methods in relation to the environment where the piping will be located.



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