

DECLARATION OF CONFORMITY ACCORDING WITH ISO/IEC 22 GUIDE

TwinCoveral

Manufacturer : **EBRILLE S.r.l. a Socio Unico**

Address : **S.S. Nizza-Canelli 53/A – 14049 Nizza Monferrato (AT) – Italy -**

Product / commercial name : **TwinCoveral**

Field of application: **air conditioning system**



DECLARES THAT THE ABOVE MENTIONED PRODUCT COMPLIES WITH THE FOLLOWING STANDARDS

Employed copper: the mechanical, chemical and dimensional features of the copper used for our **TwinCoveral** comply with the following specification:

Standard/document number	Title	Edition/Date of issue
UNI EN 12735-1	Round copper pipe for air conditioning and refrigeration	2020

According to the above mentioned information, the copper pipes of our **TwinCoveral** is suitable for **R410/A, R407/C** as well as the **new R 32 gas**.

Employed insulating coating: the PHYSICAL-CHEMICAL and DIMENSIONAL features of our **TwinCoveral** comply with the national laws related to energy efficiency:

Law, decree or regulation/document no.	Title	Edition/Date of issue
Law no.10 of 9 th January 1991	Specification for the application of the National Energy efficiency Plan concerning the rational use of energy, energy saving and development of renewable energy sources	1991
Legislative decree no.192 of 19th August 2005	Application of the directive 2002/91/CE related to the energy performance of buildings	2005
Legislative decree no.311 of 29 th December 2006	Measures correcting and supplementing the Legislative Decree no.192 of 19th August 2005, implementing directive 2002/91/CE on the energy performance of buildings	2006

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Focusing on the reaction to fire classification, the insulation used for our **TwinCoveral** insulated copper pipes complies with:

European standard EN 13501-1:2019 "Reaction to fire classification of building products and elements"
with classification **B_L s1 d0**

The value of thermal conductivity λ **0.040 W * m⁻¹ * K⁻¹ a 40 °C** of the insulation complies with its employment under the specification ISO 8497:1999

The value of vapour permeability μ **≥ 11.000** of the insulation complies with its employment under the EN 13469:2012.

According with EN 14707:2013-01 for round pipes, the thermal/heating resistance of the PE insulation allows its employment within operating temperatures between - 45 °C **up to intermittent peaks of + 110°C**.

An outer film in aluminium protects the insulation from direct sunlight and other atmospheric agents, in order to make the pipe live longer.

Compliances are subject to the full application of the specifications in force concerning installation, such as the D.M 37/2008 and UNI EN 378:2017.

The present declaration is released for the uses allowed from the law.

Nizza Monferrato, Maggio 2024