

DECLARATION OF CONFORMITY

Series >B< ACR

1. Producer of product:

Manufacturer:

IBP Atcosa, S.L
Polígono Ind. Quintos Aeropuerto
Apartado de Correos nº 16,
14080 Córdoba
Spain

Assembly/Packaging:

IBP Instal fittings Sp. z o.o.
ul. Za Motelem 2A,
62-080 Tarnowo Podgórne/Sady
Poland

2. Description of product:

>B< ACR is a full range of copper and copper alloy end feed capillary fittings intended for ACR market. All >B< ACR fittings conform to Pressure Equipment Directives 2014/68/EU for use at high and low pressure.

3. Range of application:

>B< ACR series are designed for:

- Air-conditioning
- Refrigeration
- VRF/VRV systems

Not for use in Ammonia applications

4. Technical specification:

- Material: copper Cu – DHP (material number C12200 to ASTM B75 “Standard Specification for Seamless Copper tube”)
- Fittings meet the requirements of the American standard ASME / ANSI B16.22 and European Pressure Directive PED 2014/68/EU
- Can be combined with copper pipes made in accordance with EN 12735, EN 1057, ASME B280 and B88 by capillary brazing using hard solder with minimum content of 2% silver (to ensure greater strength of the joint).
- Includes diameters from ¼” to 4 1/8”
- >B< ACR fittings should be installed by a competent approved F-Gas Brazer. Ref to: Jointing of Copper Pipework for Refrigeration Systems - Specification & Procedures for Manual Torch Brazing and Brazer Assessment – Issue 6 v1.1 – Feb 2021

5. The declared technical features of product:

Maximum operating pressure: 79 bar / 7900 kPa / 1145 psi depending on dimensions and operating temperature.

Maximum operating temperature: -269°C to +150°C.

Working pressures and temperatures according to PED in table below (safety factor SF=4):

SIZE	SIZE	Minimum wall thickness	Maximum pressure bar	
			Temperature	
Inches	mm	mm	100°C	150°C
1/4	6,4	0,5	79	69
3/8	9,6	0,6	57	49
½	12,7	0,7	49	43
5/8	15,9	0,7	44	39
3/4	19,1	0,8	40	35
7/8	22,3	0,8	36	32
1	25,4	0,9	35	31
1 1/8	28,6	1,0	34	30
1 3/8	35,0	1,1	31	27
1 5/8	41,3	1,3	30	27
2 1/8	54,0	1,5	27	24
2 5/8	66,7	1,7	24	20
3 1/8	79,4	1,9	23	20
3 5/8	92,1	2,2	23	20
4 1/8	104,8	2,4	22	20

6. Reference of accredited certification body or laboratory and the certificate number or the type-test report, if such entity was involved for 6. Reference of accredited certification body or laboratory and the certificate number or the type-test report, if such entity was involved for assessing conformity of the product:

TYSK (06.003C)

I declare with full of responsibility, that the product is consistent with the declarations made within this document. For latest information on >B< ACR fittings please visit www.conexbanninger.com.

Magdalena Jakubaszko
Quality Manager

