

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 Podgórze/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 1/4" 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	6,35	0,48	79	69
3/8	9,53	0,58	57	49
1/2	12,70	0,66	49	43
5/8	15,87	0,74	44	39
3/4	19,05	0,79	40	35
7/8	22,23	0,84	36	32
1	25,40	0,93	35	31
1 1/8	28,58	1,02	34	30
1 3/8	34,93	1,12	31	27
1 5/8	41,28	1,30	30	27
2 1/8	53,98	1,50	27	24
2 5/8	66,68	1,70	24	20
3 1/8	79,38	1,91	23	20
3 5/8	92,08	2,18	23	20
4 1/8	104,78	2,44	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:

Veritest (UA-OC.0622-25)

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.

Phillip Brookes
Group Quality Manager

