

System Data Sheet

>B< Press fittings are quick and easy to install and are available in copper and lead-free brass. This flame-free range is designed with an innovative 3-point press system (up to 2") and >B< Press XL (2 1/2" to 4") featuring a stainless steel grip ring for additional strength. Both ranges ensure a secure, permanent leak-free joint that is suitable for multiple applications.



Quality and certification

Conex Bänninger operates an accredited Quality Management System to EN ISO 9001 and ISO 14001.

>B< Press copper and lead-free brass fittings are tested and certified by independent national certification bodies confirming their suitability and reliability for use with potable water applications. >B< Press is certified by the following bodies:

Awarding body	Certification
IAPMO	PS 117
NSF/ANSI	61
NSF/ANSI	372
ICC-ES	LC 1002

Code compliance	
ASME	B16.51 Copper and Copper Alloy Press-Connect Pressure Fittings
	B31 Code for Pressure Pipe; Standards B31.1, B31.3 and B31.9
	B1.20.1 Pipe Threads, General purpose, Inch
ICC	International Residential Code (IRC)
	International Plumbing Code (IPC)
	International Mechanical Code (IMC)

Area of service

- Hot and cold potable water.
- Hydronic heating with Glycol.
- Chilled water with Glycol.
- Cooling water with Glycol.
- Rainwater/gray water, PH 6.5 < 9.5.
- Ethanol.
- Compressed air (<25mg/m3 oil).
- Argon.
- Carbon Dioxide (dry).
- Low pressure steam: 15 psi maximum at 248 °F.

For a full list of applications please visit www.conexbanninger.com/US

For applications outside the above operating parameters please contact technical@ibpgroup.com.

Features and benefits

- Quick and easy to install, saving on labor costs.
- Permanent, flame-free connection – no hot works permit required.
- Suitable for use with hard, half-hard and soft copper tubes to ASTM B88.
- Leak before press indicator, assists identification of unpressed joints.
- Maximum working temperature 250 °F*.
- 3-point press safety feature for added security. (1/2" to 2" only).
- >B< Press XL (2 1/2" to 4") has a stainless grip ring for additional strength.
- No soldering or brazing consumables required.
- Comprehensive range of fittings – sizes from 1/2" to 4".
- Suitable for concealed installations.

Operating parameters:

- Operating pressures: 200 psi maximum.*
- System test pressure: 1.5 x system operating pressure to a maximum of 300 psi.
- Vacuum 24.5 in Hg.
- Operating temperature 0°F to 250 °F.*

Tube

Suitable for use with hard, half hard and soft copper tube to ASTM B88 types K, L and M.

Tools

>B< Press system is compatible with the most commonly available hydraulic electro - mechanical press tools and compatible jaws on the market, as per our approved list ([see www.conexbanninger.com/US](http://www.conexbanninger.com/US))

Range

The >B< Press system is available in a comprehensive range of fitting types in sizes 1/2" to 4" which includes: elbows, couplers, tees, reducers, reduced branch tees and many more which allow for ease of use and simple connection to other equipment via NPT threads.

Leak before press indicator

All >B< Press fittings benefit from a leak before press system which allows unpressed joints to leak at low pressures (1.5 to 85 psi). Sizes 1/2" to 2" benefit from a patented O-ring technology.

Unpressed fittings can then be pressed without having to drain the system which results in a reduction of installation time.

System commissioning

To ensure the quality and safety of hot and cold water supply systems, always follow best practice techniques in their design, installation, commissioning, and maintenance.

Therefore, a reliable and predictive regime of commissioning should be in place as governed by the laws and regulations enacted by federal, state and local governments. Final water test pressure should be carried out at 1.5 x system operating pressure to a maximum of 300 psi.























Fifty year limited warranty

When professionally installed, used and maintained in accordance with the installation and maintenance instructions detailed in the >B< Press and >B< Press XL technical brochure. >B< Press and >B< Press XL are covered by a fifty (50) year limited warranty.

For full terms and conditions visit www.conexbanninger.com/US

Contact us:

Office phone number: 904-217-4970
Email: salesUSA@ibpgroup.com

Straight Coupler	Reduced Straight Coupler	Slip Coupler	Female Straight Connector	Male Straight Connector
				
PA5270	PA5240	PA5270S	PA5270G	PA5243G
90° Bend	90° Street Bend	Fitting Reducer	90° Bend with Male Thread	90° Elbow with Female Thread
				
PA5002	PA5001	PA5243	PA5001G	PA5090G
45° Obtuse Elbow	45° Obtuse Street Elbow	Tee - Equal	Tee - Reduced Branch	Tee - Reduced End and Branch
				
PA5041	PA5040	PA5130	PA5130RB	PA5130REB
Tee with Female Threaded Branch	Stop End	Wall Plate Elbow	Crossover	Union
				
PA5130G	PA5301	PA4471G	PA5085	PA4340
Male Union	Female Union			
				
PA4341G	PA4340G			

For the >B< Press XL range 2 1/2" to 4" please visit www.conexbanninger.com/US or review the technical brochure.

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