



Benefiting from over 100 years' experience in fittings manufacture and over two decades experience in press system design, >B< MaxiPro is set to revolutionise pipe jointing in air conditioning and refrigeration applications.

>B< MaxiPro is a robust press system, which is quick and simple to use providing a secure and permanent joint. Compared with traditional techniques it significantly improves productivity through greatly reduced installation time and enhanced working flexibility.

>B< MaxiPro can be used with hard, half hard or annealed copper tube conforming to EN 12735-1 or ASTM-B280, in both air conditioning and refrigeration applications and is approved for use with the following refrigerants: R1234yf, R1234ze, R32, R134a, R404A, R407C, R407F, R410A and R507.

## Refrigeration



**Straight Coupler**  
1/4" to 1 1/8"

**Fitting Reducer**  
3/8" x 1/4" to 1 1/8" x 7/8"

**Reducing Coupler**  
1/2" x 3/8" to 1 1/8" x 7/8"

**90° Bend**  
1/4" to 1 1/8"

**90° Street Bend**  
3/8" to 1 1/8"

**45° Obtuse Elbow**  
1/4" to 1 1/8"

**Equal Tee**  
1/4" to 1 1/8"

**Stop End**  
1/4" to 1 1/8"

### Conex Bänninger

The >B< MaxiPro range is brought to you by Conex Bänninger, a specialist in providing the best fittings, valves and accessories across the globe. Since 1909, Conex Bänninger has produced over 20 billion fittings and valves, and their innovative approach has led to some landmark achievements in product design.

Conex Bänninger carries a heritage of product knowledge, expertise and excellence that is trusted across residential, commercial, industrial, air conditioning and refrigeration markets worldwide. Conex Bänninger is an ISO 9001 quality assured company, that ensures you receive the very best in quality.

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Conex Bänninger products are approved by numerous Standards Authorities and Certification Bodies. This is a representation of the full range from Conex Universal Ltd. IBP trademarks are registered in numerous countries. More information online at: www.conexbanninger.com



An innovative press system, which is quick and simple to install, providing a secure and permanent joint. Designed for air conditioning and refrigeration applications.

## Features:

- >B< MaxiPro benefits from a 3-point press – one each side of the bead, and one press compressing the O-ring. This provides a permanent and secure joint.
- Lead-in edge design aids installation and helps protect the O-ring from damage or displacement.
- >B< MaxiPro fittings for air-conditioning and refrigeration applications are identified with pink marks on the fitting.
- >B< MaxiPro system is quick, simple and easy to use.
- Backed by experienced technical support and customer service teams.

## Benefits

- Reliable, repeatable, permanent, tamper-proof connections every time.
- Reduced installation time, lower overall cost.
- Intrinsically safe – no fire hazard, dangerous materials or fumes.
- No unintended damage as a result of heat.
- UL certified and extensively tested.
- >B< MaxiPro is covered by a 5 year product Guarantee. Please refer to the >B< MaxiPro Guarantee document.

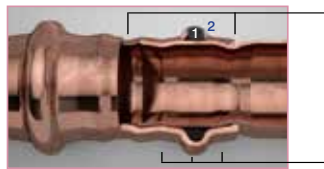
## Installation:

- Flame free installation avoids the need for a fire permit and the risk of fire on site.
- Work may be completed during working hours / public access, by a single employee.
- Easier access to work sites, no large gas bottles.
- >B< MaxiPro is a mechanical joint, thus eliminating the need for nitrogen purge during the fitting jointing process.
- Light compact tooling provides easy access to tightly spaced pipe runs.
- Field proven press fit technology, over two decades and millions of installations worldwide.
- We recommend using tried and tested Rothenberger tooling.

## >B< MaxiPro technology:

### 3 - Point Press:

>B< MaxiPro benefits from a 3-point press; one each side of the bead, and one press compressing the O-ring. This provides a permanent and secure joint.



- 1: O-ring
- 2: Bead
- 3: Cylindrical sleeve (socket)
- 4: Three presses; one each side of the bead, and one press compressing the O-ring

In tests, press fittings are up to 3 times faster to install than brazing.



Technical Data	
Parameters	Capability
Applications	Air conditioning and refrigeration
Connections	Copper to copper
Approved tube*: Copper tube conforming to	EN 12735-1 or ASTM-B280
Fitting / Tube range (inches)	1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8"
Fitting Material	Refrigerant grade copper (C12200 min 99.9% pure)
O-ring	HNBR
Approved oils	POE, PAO, AB and mineral oil
Maximum operating pressure	48 bar at 121°C (700 psig at 250°F)
Temperature range	-40°C to 140°C (-40°F to 284°F)
UL certified continuous operating temperature	121°C (250°F)
Compatible refrigerants	R1234yf, R1234ze, R32, R134a, R404A, R407C, R407F, R410A and R507
Approvals, standards and code compliance	UL 207 certified, certificate no. SA44668. UL 109 - 7 Pull Test, compliant. UL 109 - 8 Vibration Test, compliant. UL 1963 - 79 Tests of Gaskets and Seals Used in Refrigerant Systems, compliant. ISO 5149-2, compliant. EN 14276-2, compliant. ASTM G85, compliant.

\* Please refer to >B< MaxiPro Technical Manual - Tube Compatibility Table.

## Guarantee:

When professionally installed and used in accordance with our guidelines, >B< MaxiPro fittings supplied by Conex Bänninger are guaranteed against manufacturing defects for 5 years from the first date of purchase. Any alleged defects must be reported to Conex Universal Limited within one month of the first occurrence, clearly setting out the nature of the claim. The guarantee is limited to the repair or replacement of defective fittings at the discretion of Conex Universal Ltd and the company reserves the right to inspect and test the alleged defects. This guarantee provided by Conex Universal Limited does not affect your statutory rights.

## Press tools and jaws:

Conex Bänninger recommends the use of Rothenberger press tools and jaws.

### Romax Compact Model:



#### Specifications Romax Compact

Battery voltage – 14.4 v
Battery capacity – 2.6Ah
Rated power consumption – 280 Watts
Max piston force – 19 kN
Pressing time – 5 secs (nominal)
Dimensions (L x W x H) – 380 x 70 x 90mm
Weight (less jaws) – 2.45 kg
Working range: 1/4" to 1 1/8"



>B< MaxiPro jaws are readily identified by their pink coloured label, logo and jaw size.

Regular care and cleaning of the jaws can be completed by the user. Prior to use check the press jaws are free of damage or deformation and the inner pressing contour is free of dirt or debris.