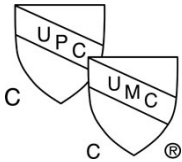


IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761 • Phone (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



CERTIFICATE OF LISTING



IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

Issued To:

MERIT BRASS COMPANY

ONE MERIT DRIVE CLEVELAND, OH 44143 , United States

Product:

Press Connections

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)
Uniform Mechanical Code (UMC®)
National Plumbing Code of Canada

Products are certified to the following standard(s)

IAPMO/ANSI/CAN Z1117-22

File Number: K-14389

Effective Date: April 2023

Void After: December 2029*


Chairman, Product Certification Committee



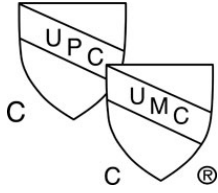

Chief Technical Service Officer

*This certificate is not evidence of current listing. To verify listing status, visit the IAPMO R&T Product Listing Directory at pld.iapmo.org

This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

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Effective Date: April 2023

File Number: K-14389

Product: Press Connections

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Identification:

Each fittings, tube, and pipe shall be marked with the manufacturer's name or trademark, nominal size, and the legend "PW" or "Potable Water", when intended for potable water applications. The product shall also bear the cUPC® or cUMC® mark.

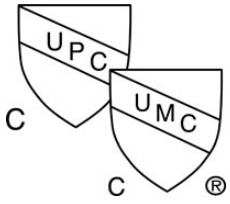
Characteristics:

Products covered here include fittings, tube, and pipe with press connection ends combined with other types of connections (e.g., threaded, soldered, and push-fit). The press connections are made with (a) copper or copper alloy fittings and Type K, L, and M copper tube; (b) carbon steel fittings and Schedule 10 and 40 carbon steel pipe; or (c) stainless steel fittings and Schedule 5, 10, and 40 stainless steel pipe. Carbon steel fittings and pipe covered by this Standard are not intended to be used in plumbing systems. The fittings shall be installed in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code or Uniform Mechanical Code and the National Plumbing Code of Canada.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

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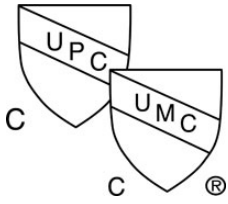
Models

CarbonPress™

Model Number	Description
MB90450	90° elbow 1/2" X 1/2" Carbon Steel Press Fitting
MB90455	90° elbow 3/4" X 3/4" Carbon Steel Press Fitting
MB90460	90° elbow 1" X 1" Carbon Steel Press Fitting
MB90465	90° elbow 1 1/4" X 1 1/4" Carbon Steel Press Fitting
MB90470	90° elbow 1 1/2" X 1 1/2" Carbon Steel Press Fitting
MB90475	90° elbow 2" X 2" Carbon Steel Press Fitting
MB90495	90° elbow 1/2" X 1/2 FTG Carbon Steel Press Fitting
MB90500	90° elbow 3/4" X 3/4 FTG Carbon Steel Press Fitting
MB90505	90° elbow 1" X 1 FTG Carbon Steel Press Fitting
MB90510	90° street elbow 1 1/4 X 1 1/4 FTG Carbon Steel Press Fitting
MB90515	90° street elbow 1 1/2" X 1 1/2" Carbon Steel Press Fitting
MB90520	90° street elbow 2" X 2" Carbon Steel Press Fitting
MB90540	45° elbow 1/2" X 1/2" Carbon Steel Press Fitting
MB90545	45° elbow 3/4" X 3/4" Carbon Steel Press Fitting
MB90550	45° elbow 1" X 1" Carbon Steel Press Fitting
MB90555	45° elbow 1 1/4" X 1 1/4" Carbon Steel Press Fitting
MB90560	45° elbow 1 1/2" X 1 1/2" Carbon Steel Press Fitting
MB90565	45° elbow 2" X 2" Carbon Steel Press Fitting
MB90585	45° street elbow 1/2" X 1/2 FTG Carbon Steel Press Fitting
MB90590	45° street elbow 3/4" X 3/4 FTG Carbon Steel Press Fitting
MB90595	45° street elbow 1" X 1 FTG Carbon Steel Press Fitting
MB90600	45° street elbow 1 1/4" X 1 1/4 FTG Carbon Steel Press Fitting
MB90605	45° street elbow 1 1/2" X 1 1/2 FTG Carbon Steel Press Fitting
MB90610	45° street elbow 2" X 2 FTG Carbon Steel Press Fitting
MB90270	Tee 1/2" X 1/2" X 1/2" Carbon Steel Press Fitting
MB90300	Tee 3/4" X 3/4" X 1/2" Carbon Steel Press Fitting

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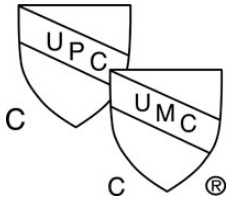
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Model Number	Description
MB90275	Tee 3/4" X 3/4" X 3/4" Carbon Steel Press Fitting
MB90305	Tee 1" X 1" X 1/2" Carbon Steel Press Fitting
MB90310	Tee 1" X 1" X 3/4" Carbon Steel Press Fitting
MB90280	Tee 1" X 1" X 1" Carbon Steel Press Fitting
MB90315	Tee 1 1/4" X 1 1/4" X 1/2" Carbon Steel Press Fitting
MB90320	Tee 1 1/4" X 1 1/4" X 3/4" Carbon Steel Press Fitting
MB90325	Tee 1 1/4" X 1 1/4" X 1" Carbon Steel Press Fitting
MB90285	Tee 1 1/4" X 1 1/4" X 1 1/4" Carbon Steel Press Fitting
MB90330	Tee 1 1/2" X 1 1/2" X 1/2" Carbon Steel Press Fitting
MB90335	Tee 1 1/2" X 1 1/2" X 3/4" Carbon Steel Press Fitting
MB90340	Tee 1 1/2" X 1 1/2" X 1" Carbon Steel Press Fitting
MB90345	Tee 1 1/2" X 1 1/2" X 1 1/4" Carbon Steel Press Fitting
MB90290	Tee 1 1/2" X 1 1/2" X 1 1/2" Carbon Steel Press Fitting
MB90350	Tee 2" X 2" X 1/2" Carbon Steel Press Fitting
MB90355	Tee 2" X 2" X 3/4" Carbon Steel Press Fitting
MB90360	Tee 2" X 2" X 1" Carbon Steel Press Fitting
MB90365	Tee 2" X 2" X 1 1/4" Carbon Steel Press Fitting
MB90370	Tee 2" X 2" X 1 1/2" Carbon Steel Press Fitting
MB90295	Tee 2" X 2" X 2" Carbon Steel Press Fitting
MB90840	Tee 3/4" X 3/4" X 1/2" FPT Carbon Steel Press Fitting
MB90843	Tee 3/4" X 3/4" X 3/4" FPT Carbon Steel Press Fitting
MB90846	Tee 1" X 1" X 1/2" FPT Carbon Steel Press Fitting
MB90849	Tee 1" X 1" X 3/4" FPT Carbon Steel Press Fitting
MB90852	Tee 1 1/4" X 1 1/4" X 1/2" FPT Carbon Steel Press Fitting
MB90855	Tee 1 1/4" X 1 1/4" X 3/4" FPT Carbon Steel Press Fitting
MB90858	Tee 1 1/4" X 1 1/4" X 1" FPT Carbon Steel Press Fitting
MB90861	Tee 1 1/2" X 1 1/2" X 1/2" FPT Carbon Steel Press Fitting
MB90864	Tee 1 1/2" X 1 1/2" X 3/4" FPT Carbon Steel Press Fitting
MB90867	Tee 1 1/2" X 1 1/2" X 1" FPT Carbon Steel Press Fitting

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Product: Press Connections

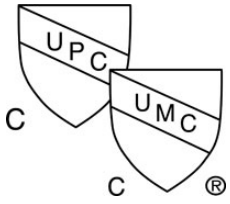
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Model Number	Description
MB90870	Tee 1 1/2" X 1 1/2" X 1 1/4 FPT Carbon Steel Press Fitting
MB90873	Tee 2" X 2" X 1/2 FPT Carbon Steel Press Fitting
MB90876	Tee 2" X 2" X 3/4 FPT Carbon Steel Press Fitting
MB90879	Tee 2" X 2" X 1 FPT Carbon Steel Press Fitting
MB90882	Tee 2" X 2" X 1 1/4 FPT Carbon Steel Press Fitting
MB90885	Tee 2" X 2" X 1 1/2 FPT Carbon Steel Press Fitting
MB90675	Adapter 1/2" X 1/2 MPT Carbon Steel Press Fitting
MB90680	Adapter 3/4" X 3/4 MPT Carbon Steel Press Fitting
MB90685	Adapter 1" X 1 MPT Carbon Steel Press Fitting
MB90690	Adapter 1 1/4" X 1 1/4 MPT Carbon Steel Press Fitting
MB90695	Adapter 1 1/2" X 1 1/2 MPT Carbon Steel Press Fitting
MB90700	Adapter 2" X 2 MPT Carbon Steel Press Fitting
MB90720	Adapter 1/2" X 1/2 FPT Carbon Steel Press Fitting
MB90725	Adapter 3/4" X 1/2 FPT Carbon Steel Press Fitting
MB90730	Adapter 3/4" X 3/4 FPT Carbon Steel Press Fitting
MB90735	Adapter 1 " X 1/2 FPT Carbon Steel Press Fitting
MB90740	Adapter 1" X 3/4 FPT Carbon Steel Press Fitting
MB90745	Adapter 1" X 1 FPT Carbon Steel Press Fitting
MB90750	Adapter 1 1/4" X 1/2 FPT Carbon Steel Press Fitting
MB90755	Adapter 1 1/4" X 3/4 FPT Carbon Steel Press Fitting
MB90760	Adapter 1 1/4" X 1 FPT Carbon Steel Press Fitting
MB90765	Adapter 1 1/4" X 1 1/4 FPT Carbon Steel Press Fitting
MB90770	Adapter 1 1/2" X 1/2 FPT Carbon Steel Press Fitting
MB90775	Adapter 1 1/2" X 3/4 FPT Carbon Steel Press Fitting
MB90780	Adapter 1 1/2" X 1 FPT Carbon Steel Press Fitting
MB90785	Adapter 1 1/2" X 1 1/4 FPT Carbon Steel Press Fitting
MB90790	Adapter 1 1/2" X 1 1/2 FPT Carbon Steel Press Fitting
MB90795	Adapter 2" X 1/2 FPT Carbon Steel Press Fitting
MB90800	Adapter 2" X 3/4 FPT Carbon Steel Press Fitting

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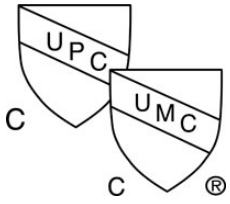
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Model Number	Description
MB90805	Adapter 2" X 1 FPT Carbon Steel Press Fitting
MB90810	Adapter 2" X 1 1/4 FPT Carbon Steel Press Fitting
MB90815	Adapter 2" X 1 1/2 FPT Carbon Steel Press Fitting
MB90820	Adapter 2" X 2FPT Carbon Steel Press Fitting
MB90972	Flange 1/2" X 4 BP Carbon Steel Press Fitting
MB90975	Flange 3/4" X 4 BP Carbon Steel Press Fitting
MB90978	Flange 1" X 4 BP Carbon Steel Press Fitting
MB90981	Flange 1-1/4" X 4 BP Carbon Steel Press Fitting
MB90984	Flange 1-1/2" X 4 BP Carbon Steel Press Fitting
MB90987	Flange 2" X 4 BP Carbon Steel Press Fitting
MB90630	Cap 1/2" Carbon Steel Press Fitting
MB90635	Cap 3/4" Carbon Steel Press Fitting
MB90640	Cap 1" Carbon Steel Press Fitting
MB90645	Cap 1 1/4" Carbon Steel Press Fitting
MB90650	Cap 1 1/2" Carbon Steel Press Fitting
MB90655	Cap 2" Carbon Steel Press Fitting
MB90897	Union 1/2" X 1/2" Carbon Steel Press Fitting
MB90900	Union 3/4" X 3/4" Carbon Steel Press Fitting
MB90903	Union 1" X 1" Carbon Steel Press Fitting
MB90909	Union 1 1/4" X 1 1/4" Carbon Steel Press Fitting
MB90912	Union 1 1/2" X 1 1/2" Carbon Steel Press Fitting
MB90915	Union 2" X 2" Carbon Steel Press Fitting
MB90936	Union 1/2" X 1/2 FPT Carbon Steel Press Fitting
MB90939	Union 3/4" X 3/4 FPT Carbon Steel Press Fitting
MB90942	Union 1" X 1 FPT Carbon Steel Press Fitting
MB90945	Union 1 1/4" X 1 1/4 FPT Carbon Steel Press Fitting
MB90948	Union 1 1/2" X 1 1/2 FPT Carbon Steel Press Fitting
MB90951	Union 2" X 2 FPT Carbon Steel Press Fitting
MB90000	Coupling With stop 1/2" X 1/2" Carbon Steel Press Fitting

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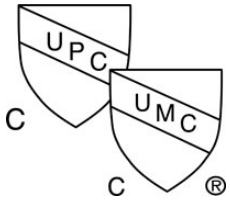
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Model Number	Description
MB90005	Coupling With stop 3/4" X 3/4" Carbon Steel Press Fitting
MB90010	Coupling With stop 1" X 1" Carbon Steel Press Fitting
MB90015	Coupling with stop 1 1/4" X 1 1/4" Carbon Steel Press Fitting
MB90020	Coupling with stop 1 1/2" X 1 1/2" Carbon Steel Press Fitting
MB90025	Coupling with stop 2" X 2" Carbon Steel Press Fitting
MB90045	Coupling No stop 1/2" X 1/2" Carbon Steel Press Fitting
MB90050	Coupling No stop 3/4" X 3/4" Carbon Steel Press Fitting
MB90055	Coupling No stop 1" X 1" Carbon Steel Press Fitting
MB90060	Coupling No stop 1 1/4" X 1 1/4" Carbon Steel Press Fitting
MB90065	Coupling No stop 1 1/2" X 1 1/2" Carbon Steel Press Fitting
MB90070	Coupling No stop 2" X 2" Carbon Steel Press Fitting
MB90090	Extended coupling No stop 1/2" X 1/2" Carbon Steel Press Fitting
MB90095	Extended coupling No stop 3/4" X 3/4" Carbon Steel Press Fitting
MB90100	Extended coupling No stop 1" X 1" Carbon Steel Press Fitting
MB90105	Extended coupling No stop 1 1/4" X 1 1/4" Carbon Steel Press Fitting
MB90110	Extended coupling No stop 1 1/2" X 1 1/2" Carbon Steel Press Fitting
MB90115	Extended coupling No stop 2" X 2" Carbon Steel Press Fitting
MB90160	Reducer 3/4 FTG X 1/2" Carbon Steel Press Fitting
MB90165	Reducer 1 FTG X 1/2" Carbon Steel Press Fitting
MB90170	Reducer 1 FTG X 3/4" Carbon Steel Press Fitting
MB90172	Reducer 1 1/4 FTG X 1" Carbon Steel Press Fitting
MB90175	Reducer 1 1/2 FTG X 3/4" Carbon Steel Press Fitting
MB90180	Reducer 1 1/2 FTG X 1" Carbon Steel Press Fitting
MB90185	Reducer 1 1/2 FTG X 1 1/4" Carbon Steel Press Fitting
MB90190	Reducer 2 FTG X 1" Carbon Steel Press Fitting
MB90195	Reducer 2 FTG X 1 1/4" Carbon Steel Press Fitting
MB90200	Reducer 2 FTG X 1 1/2" Carbon Steel Press Fitting
MB90120	Reducer 3/4" X 1/2" Carbon Steel Press Fitting
MB90125	Reducer 1" X 1/2" Carbon Steel Press Fitting

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Model Number	Description
MB90130	Reducer 1" X 3/4" Carbon Steel Press Fitting
MB90135	Reducer 1 1/4" X 3/4" Carbon Steel Press Fitting
MB90140	Reducer 1 1/4" X 1" Carbon Steel Press Fitting
MB90142	Reducer 1 1/2" X 1" Carbon Steel Press Fitting
MB90145	Reducer 1 1/2" X 1 1/4" Carbon Steel Press Fitting
MB90150	Reducer 2" X 1 1/4" Carbon Steel Press Fitting
MB90155	Reducer 2" X 1 1/2" Carbon Steel Press Fitting