

# Plastic Plumbing Manifolds

A range of push-fit manifolds that provides a pipework junction at a centralised supply point

## Overview

JG Speedfit plastic plumbing manifolds are a durable solution that enables service pipework to be centralised at a single point. When used in conjunction with JG Speedfit Lay-Flat Polybutylene Pipe, outlet pipe work can be run directly to the fixture or appliance, without the need for further fittings.

Made from polybutylene, and available in 2, 3 and 4 port options, with both direct inlet connections or alternatively with a separate stem connection to allow for multiple manifolds to be connected together the speedfit range of plastic manifolds provide the ultimate space saving solution.

Simply push the push-fit fitting fully onto the pipe and twist the plastic nut clockwise to lock in place. To demount the connection, unlock the nut by hand and push the collet towards the body of the push-fit fitting and pull the pipe to release.

JG Speedfit is up to 40% faster to install than traditional methods and is easier to use in confined spaces by removing the need for hot works and tools. Designed, manufactured and assembled in the UK.

## Features & Benefits

- Compact and space saving solution for centralizing system pipework
- Stem connection versions available to allow for manifold grouping
- Instant push-fit connection
- Install and demount in seconds without tools
- Safe flame-free installation, with no hot works, glue or flux
- 5-40% cost saving compared to the alternative method which includes a series of pipes, elbows and tees, making installation longer and more complex
- Grip & Seal collet with stainless steel teeth and main O-Ring seal
- Non-toxic, resists corrosion and no scale build-up
- Suitable for use with JG Speedfit PEX and polybutylene barrier pipe (inserts required) and copper pipe
- Suitable for hot, cold and central heating applications

Product code	Description	Size	Bag QTY
PEM522215WP	4-Port Manifold	22mm x 15mm	1
PEM522215W	4-Port Manifold	22mm x 15mm	4
PEM522210WP	4-Port Manifold	22mm x 10mm	1
PEM522210W	4-Port Manifold	22mm x 10mm	4
PEM582215CWP	4-Port with Stem	22mm x 15mm	1
PEM582215CW	4-Port with Stem	22mm x 15mm	4
PEM582215BWP	3-Port with Stem	22mm x 15mm	1
PEM582215BW	3-Port with Stem	22mm x 15mm	4
PEM582215AWP	2-Port with Stem	22mm x 15mm	1
PEM582215AW	2-Port with Stem	22mm x 15mm	4
PEM582210AWP	2-Port with Stem	22mm x 10mm	1
PEM582210AW	2-Port with Stem	22mm x 10mm	4



PEM522210WP



PEM582215CWP



PEM582215BWP



PEM582215AWP



PEM582210AWP



50 year guarantee when used with JG Speedfit Layflat PB and PEX Barrier Pipes

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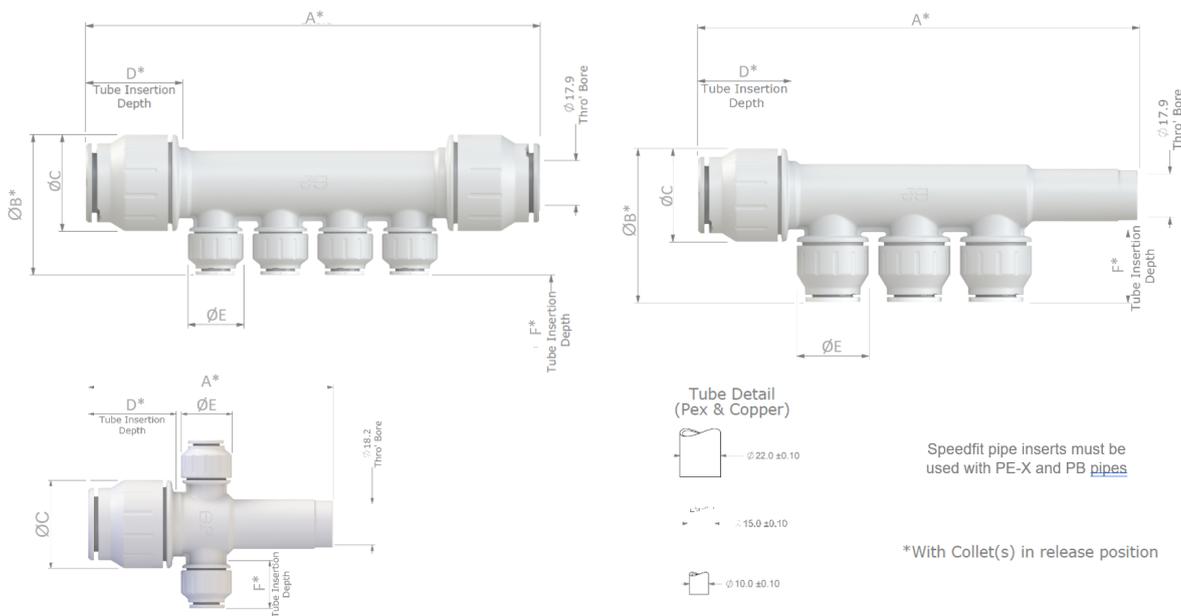
## Working parameters & specifications

Application	Usual working temperature °C	Maximum working temperature °C	Maximum working pressure, bar
Cold Water (indirect and direct mains)	20	20	12
Central Heating	82	92	3
Hot Water (including unvented cylinders)	65	95	6

Materials	
Body	Polybutylene
O-Ring	Ethylene Polypropylene Diene Monomer (EPDM)
Collet	Acetal Copolymer (Unfilled), Stainless Steel
Compression Ring	Acetal Copolymer (Unfilled)
Caps	Nylon 6

Approvals
WRAS Approved
BSI Approved

## Dimensions – All measurements in mm unless stated



Product Code	Size	A	B	C	D	E	F
PEM522215W	22mm x 15mm	210.0	63.2	39.0	36.8	30.0	29.5
PEM522210W	22mm x 10mm	178.5	55.7	39.0	36.8	22.5	20.2
PEM582215CW	22mm x 15mm	215.0	63.2	39.0	36.8	30.0	29.5
PEM582215BW	22mm x 15mm	181.0	63.2	39.0	36.8	30.0	29.5
PEM582215AW	22mm x 15mm	147.0	63.2	39.0	36.8	30.0	29.5
PEM582210AW	22mm x 10mm	106.1	72.4	39.0	36.8	22.5	20.2