

# Threaded brass manifold straight adapters and bushings

## Project Information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

## Technical data

End type 1	ISO 228-G 1-1/4"
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar) 180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar)
Prop 65 label required?	Yes

## Product information and application use

Uponor's Threaded Brass Manifold Bushings are used in TruFLOW™ manifolds. In radiant heating applications, the bushing transitions the R32 manifold union nut to 1" national pipe thread (NPT) and 3/4" threaded connections (PEX or Multi-layer Composite (MLC) tubing with QS-style fittings).



Part name	Part no.	A [Inch]	B [Inch]	C [Inch]	D [Inch]	Material group	End Type 2	E [Inch]	F [Inch]	G [Inch]	H [Inch]
Threaded Brass Manifold Straight Adapter, R32 Male x R20 Male	A4143220	0.635	0.35	0.599	2.02	Brass	ISO 228-G 3/4"	1.584	1.75	1.01	0.875
Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	A4143225	0.613	0.35	0.635	2.02	LF Brass	ISO 228-G 1"	1.598	1.75	1.01	0.875
Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	A2133275	2.018	1.75	0.985	-	Brass	FNPT 3/4"	-	-	-	-
Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	A2123210	1.918	1.687	0.985	-	Brass	FNPT 1"	-	-	-	-

Part name	Part no.	Weight per UOM [lbs/UOM]
Threaded Brass Manifold Straight Adapter, R32 Male x R20 Male	A4143220	0.55
Threaded Brass Manifold Straight Adapter, R32 Male x R25 Male	A4143225	0.5
Threaded Brass Manifold Bushing, R32 Male x 3/4" Female NPT	A2133275	0.44
Threaded Brass Manifold Bushing, R32 Male x 1" Female NPT	A2123210	0.3

Part name	Part no.	Codes	Standards	Listings
Threaded brass manifold straight adapters and bushings	All	IMC IRC NBC of Canada UMC	CSA B137.5 R32: ISO 228-G 1 1/4" ASTM F877	cNSFus-rfh

## Installation

Thread directly into Uponor TruFLOW manifolds. For additional information, refer to the TruFLOW Manifold Instruction Sheet or the Uponor Radiant Floor Heating Installation Handbook.

## Related applications

- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

## Footnotes

## Contact information

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