ProPEX manifold fitting assemblies

Project information

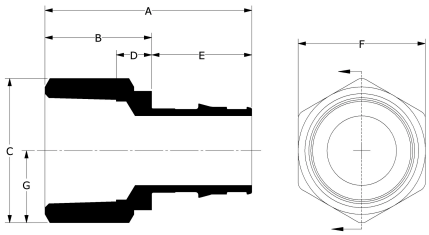
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	Brass
Prop 65 label required?	Yes

Product information and application use

The Uponor ProPEX® Fitting Assembly threads onto Uponor manifold loop outlets.1 The fitting features an R20 or R25 thread with a ProPEX connection to connect Uponor crosslinked polyethylene (PEX) tubing to the manifold in radiant heating and cooling applications.



Part name	Part no.	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	End Type 1	End Type 2	Cv
3/8" ProPEX Fitting Assembly, R20 Thread	Q4020375	30.38	15.37	34.75	7.24	15.01	30.16	17.38	ProPEX 3/8"	ISO 228-G 3/4"	-
1/2" ProPEX Fitting Assembly, R20 Thread	Q4020500	33.55	15.54	34.75	7.24	18	30.16	17.38	ProPEX 1/2"	ISO 228-G 3/4"	-
5/8" ProPEX Fitting Assembly, R20 Thread	Q4020625	37.29	15.29	34.75	7.24	22	30.16	17.38	ProPEX 5/8"	ISO 228-G 3/4"	-
3/4" ProPEX Fitting Assembly, R20 Thread	Q4020750	39.37	15.37	34.75	7.24	24	30.16	17.38	-	-	-
5/8" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4050625	41.50	19.51	43.92	6.99	22	38.10	-	ProPEX 5/8"	ISO 228-G 1"	7.75
3/4" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4050750	43.51	19.51	43.92	6.99	24	38.10	-	ProPEX 3/4"	ISO 228-G 1"	12.07
1" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4051000	49.50	19.51	43.92	6.99	30	38.10	-	ProPEX 1"	ISO 228-G 1"	23

Part name	Part no.	Weight per UOM [kg/UOM]
3/8" ProPEX Fitting Assembly, R20 Thread	Q4020375	0.082
1/2" ProPEX Fitting Assembly, R20 Thread	Q4020500	0.082
5/8" ProPEX Fitting Assembly, R20 Thread	Q4020625	0.091
3/4" ProPEX Fitting Assembly, R20 Thread	Q4020750	0.086
5/8" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4050625	0.168
3/4" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4050750	0.164
1" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4051000	0.171

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Part name	Part no.	Codes	Standards	Listings
ProPEX manifold fitting assemblies	All	IMC|IRC|NBC of Canada|UMC	ASTM F1960|CSA B137.5|ASTM F877	cNSFus-rfh|ICC-ES-PMG 1012
In addition, the following parts have additional codes, standards, or listings:				
3/8" ProPEX Fitting Assembly, R20 Thread	Q4020375		R20: ISO 228-G ¾"	
5/8" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4050625		R25: ISO 228-G 1"|NSF-14	IAPMO-ES|ICC PMG 1006
3/4" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4050750		R25: ISO 228-G 1"|NSF-14	IAPMO-ES|ICC PMG 1006
1" ProPEX Fitting Assembly for Commercial Manifold, R25 thread	Q4051000		R25: ISO 228-G 1"|NSF-14	IAPMO-ES|ICC PMG 1006

Installation	Related applications
R20 or R25 threads onto the Uponor manifold loop outlets. Compression end enables direct connection to Uponor PEX tubing. For more information, refer to the Uponor Radiant Floor Heating Installation Handbook. Accessories: Replacement O-ring for insert, R20 (A4021116); Replacement O-ring for insert, R25 (A4021000)	Radiant Heating and Cooling Systems

Footnotes	Contact information	
-	Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008	Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517

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