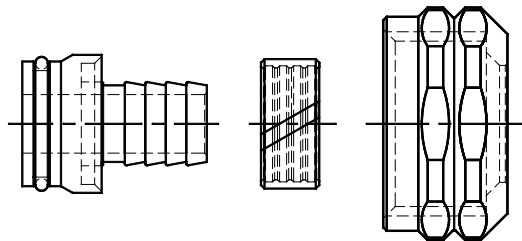


# PRODUCT SUBMITTAL 360

Product: Brass R-20 Connections for PRO-BALANCE<sup>®</sup> Manifolds

Date: 30 June 2018 (supersedes 1 August 2013)



Article No.	Nominal Connection Size
267507	3/8 in. RAUPEX x R-20, Brass Manifold Outlet
261007	1/2 in. RAUPEX x R-20, Brass Manifold Outlet
267557	5/8 in. RAUPEX x R-20, Brass Manifold Outlet
267007	3/4 in. RAUPEX x R-20, Brass Manifold Outlet

### TECHNICAL DESCRIPTION

Specification	ASTM F877, CSA B137.5
Material	Machined from brass rod
Certifications	ASTM F877, CSA B137.5

### FUNCTIONAL DESCRIPTION

R-20 connections are for use with RAUPEX<sup>®</sup> crosslinked polyethylene (PEXa) pipes and PRO-BALANCE<sup>®</sup> manifolds, as well as with the manifold extension kit (Art. 250225-100) and flow-stop circuit valves (Art. 250224 and Art. 316255-002). These compression nut-type connections install without special tools.

- 3/8, 1/2 and 5/8 in. fittings include barbed insert with installed O-ring, split brass ring and compression nut
- 3/4 in. fittings include R-20 x 1 in. NPS bushing, 3/4 in. barbed insert with installed O-ring, split brass ring and compression nut

Follow the detailed installation instructions that are included with the manifolds and summarized here:

1. After cutting the pipe square and clean, slide the nut over the end of the pipe. Push the split ring over the pipe and align it at the end.
2. Insert the barbed insert into the pipe, being sure to insert the fitting completely.
3. Align the fitting with the manifold outlet and push the fitting into the manifold.
4. Hand-tighten the compression nut onto the manifold outlet until it stops turning.
5. While holding the hex end of the manifold outlet with an adjustable, turn the compression nut no more than 1/2 turn after hand-tight. Do not over-tighten, as this may destroy the O-ring or distort the split ring.

**NOTICE:** Do not over-tighten, as this may destroy the O-ring or distort the split ring.

**NOTICE:** Do not use thread sealant tape or pipe dope on manifold outlets. These materials may prevent a proper seal, causing leaks.

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