Unlimited Polymer Solutions

PRODUCT SUBMITTAL 382

Product: **Balancing Ball Valves, Compression Nut to Copper**

Date: **13 September 12 (supersedes 14 October 09)**

Article No.	Nominal Size	Cv
267537	3/8 in. RAUPEX x 1/2 in. C Female (Sweat) Balancing Valve	0 – 3.0
260847	1/2 in. RAUPEX x 1/2 in. C Female (Sweat) Balancing Valve	0 – 3.0
267597	5/8 in. RAUPEX x 1/2 in .C Female (Sweat) Balancing Valve	0 – 3.0
260297	3/4 in. RAUPEX x 3/4 in. C Female (Sweat) Balancing Valve	0 – 6.0

TECHNICAL DESCRIPTION

Specification	ASTM F877
Material	Body and components are hot-forged and/or machined from solid brass rod, nickel-plated ball valve, Teflon® seals

FUNCTIONAL DESCRIPTION

REHAU's RAUPEX compression nut valves provide the same reliable connections as our other compression nut fittings. These ball valves complete your heating installation when joining PEX pipes to copper pipes or manifolds. Valves install onto RAUPEX pipe in sizes noted with no special tools; standard wrenches are used. Tighten the compression nut hand-tight, then 1/2 turn more with a wrench. Do not overtighten. Check tightness after first heat cycle. Make solder connection before connecting to RAUPEX pipe. Solder valves in open position.

Balancing ball valves combine a balancing screw and a 1/4 turn ball valve in one unit. To balance flow, use a 1/8 in. hex key to adjust flow from 0 to 100%. 10 turns open is 100% flow (Cv as shown above), 5 turns open is 50% flow, and 1 turn open is 10% flow. (Cv value indicates flow in GPM at 1 psi loss.) Integral ball valve allows quick, positive shut off.

Certifications:
- CSA B137.5, ASTM F877

Specifications:
- Maximum input temperature: 250°F (121°C)
- Maximum working pressure: 250 psi (17 bar)–not to exceed pressure/temperature ratings of RAUPEX® pipe