

For Residential and Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 3001A

Dielectric Unions

Sizes 1/2" – 2" (15 – 50mm)

Series 3001A Dielectric Unions feature a female iron pipe thread to solder connection. These unions are designed to be installed between pipe made from dissimilar metals to prevent accelerated corrosion and deterioration in the piping system due to galvanic and stray current.

Features

- Female iron pipe thread to solder connection
- Designed and manufactured to the highest quality standards
- Individually factory certified to withstand a minimum of 600 volts on a dry line with no flashover
- Rated to 180°F (82°C) at 250psi (17.2 bar) with standard gasket A and 300°F (149°C) at 50psi (3.4 bar) with optional gasket B

Specifications

A dielectric union shall be installed where indicated on the plans. The union shall feature a female iron pipe thread to solder connection. The union shall be a Watts Series 3001A that complies with Buy America Act (BAA 1933) and The American Recovery and Reinvestment Act (ARRA 2009).

Materials

Gray Iron	ASTM A48-83
Malleable Iron Parts	ASTM A-197-79
Steel Parts	ASTM A108
Brass Parts	ASTM B-16
Bronze Parts	ASTM B-584
Zinc Parts	ASTM B633-85
Standard Gasket A	Buna-N
Optional Gasket B	EPDM

Options

GB - Optional EPDM gasket for use in steam or hot water applications up to 300°F (149°C) at 50psi (3.4 bar).



3001A

Standards

Complies with Buy America Act (BAA 1933) and The American Recovery and Reinvestment Act (ARRA 2009).

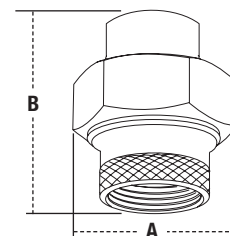
Meets federal specifications for tensile strength and thread end connections

Pressure – Temperature

Maximum Pressure: 250psi (17.2 bar) with standard gasket A; 50psi (3.4 bar) with optional gasket B

Maximum Temperature: 180°F (82°C) with standard gasket A; 300°F (149°C) with optional gasket B

Dimensions – Weights



SIZE (DN)		DIMENSIONS				WEIGHT	
		A		B			
in.	mm	in.	mm	in.	mm	oz.	gm.
1/2	15	1 1/2	32	1 7/8	48	6	170
3/4	20	1 5/8	41	2 1/8	54	6.7	190
1	25	1 7/8	48	2 1/2	64	9.3	264
1 1/4	32	2 1/4	57	3	76	13.3	377
1 1/2	40	2 3/4	70	3	76	13.3	377
2	50	3 1/2	89	3	76	34.7	984

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

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