

**For Residential and Commercial Applications**

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

**LEAD FREE\***

**Series LF3001A Dielectric Unions**

Sizes 1/2" – 2" (15 – 50mm)

Series LF3001A 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. The LF3001A features Lead Free\* construction to comply with Lead Free\* installation requirements.

**Features**

- Female iron pipe thread to solder connection
- Designed and manufactured to the highest quality standards
- 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 dielectric union shall be constructed using Lead Free\* materials. Lead Free\* dielectric unions shall comply with state codes and standards, where applicable, requiring reduced lead content. The dielectric union shall be a Watts Series LF3001A that complies with Buy America Act (BAA 1933) and The American Recovery and Reinvestment Act (ARRA 2009).



LF3001A



**Standards**

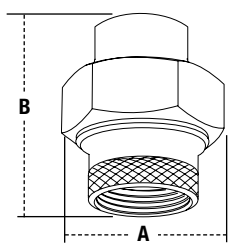
Tested and Certified by NSF International  
 Complies with Buy America Act (BAA 1933) and The American Recovery and Reinvestment Act (ARRA 2009).

**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

**Materials – Dimensions – Weights**



SIZE		MATERIALS					DIMENSIONS				WEIGHT	
in.	mm	TAIL PIECE	ADAPTER †	NUT †	INSULATOR	GASKET**	A		B		oz.	gm.
							in.	mm	in.	mm		
1/2	15	Lead Free Brass	Steel	Steel	Polysulfone	Buna-N	1 1/2	32	1 7/8	48	6	170
3/4	20	Lead Free Brass	Steel	Steel	Polysulfone	Buna-N	1 5/8	41	2 1/8	54	6.7	190
1	25	Lead Free Brass	Steel	Steel	Polysulfone	Buna-N	2 1/8	48	2 1/2	64	9.3	264
1 1/4	32	Lead Free Brass	Steel	Steel	Polysulfone	Buna-N	2 1/4	57	3	76	14.1	400
1 1/2	40	Lead Free Brass	Steel	Malleable Iron	Polysulfone	Buna-N	2 3/4	70	3	76	21.8	618
2	50	Lead Free Brass	Steel	Malleable Iron	Polysulfone	Buna-N	3 1/2	89	3	76	42.6	1208

† Steel and malleable iron components are zinc plated

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

\*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

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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