

## For Residential and Commercial Applications

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

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

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# LEAD FREE\*

## Series LF3001A Dielectric Unions

### Sizes ½" – 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
- 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 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).

### Materials

Steel Parts	ASTM A108
Brass Parts	ASTM B371
Zinc Plating	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).



LF3001A

### Standards

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

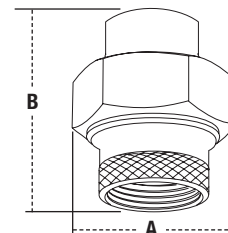
Meets federal specifications for tensile strength and thread end connections

### 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.
½	15	1½	32	1⅞	48	6	170
¾	20	1⅝	41	2⅞	54	6.7	190
1	25	1⅞	48	2½	64	9.3	264
1¼	32	2¼	57	3	76	13.3	377
1½	40	2¾	70	3	76	13.3	377
2	50	3½	89	3	76	34.7	984

\*The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (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.

**ISO 9001-2008  
CERTIFIED**



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