

# Engineering Specification

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

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

**LEAD FREE\***

## Series LF4001E Dielectric Unions

Sizes 1/2" – 2"

Series LF4001E Dielectric Unions feature a female iron pipe thread to solder connection. Compliant to American Society of Sanitary Engineers ASSE Standard 1079-2005. 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
- Factory audit tested to confirm 600V dry line performance without flashover
- Rated to 180°F (82°C) at 250psi (17.2 bar)

### Materials — Dimensions — Weights

Call customer service if you need assistance with technical details.

SIZE	MATERIALS					DIMENSIONS				WEIGHT	
	TAIL PIECE	ADAPTER †	NUT †	INSULATOR	GASKET	A		B		oz.	gm
<i>in.</i>						<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>		
1/2	Lead Free Brass	Steel	Steel	Polysulfone	EPDM	1 5/8	41	1 3/4	44	4.8	136
3/4	Lead Free Brass	Steel	Steel	Polysulfone	EPDM	1 7/8	48	1 7/8	48	6.4	181
1	Lead Free Brass	Steel	Steel	Polysulfone	EPDM	2 9/16	55	2 1/8	54	8.8	249
1 1/4	Lead Free Brass	Steel	Steel	Polysulfone	EPDM	2 5/8	67	2 3/8	60	12.8	363
1 1/2	Lead Free Brass	Steel	Malleable Iron	Polysulfone	EPDM	3	76	2 7/16	62	20.8	590
2	Lead Free Brass	Steel	Malleable Iron	Polysulfone	EPDM	3 3/4	95	3	76	37.6	1066

† Steel and malleable iron components are zinc plated

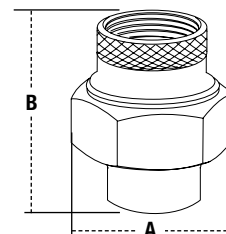
**NOTICE**

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

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.



LF4001E



### 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. Inquire with governing authorities for local installation requirements. The union shall be a Watts Series LF4001E compliant with ASSE Standard #1079-2005.

### Standards

Meets American Society of Sanitary Engineers ASSE Standard 1079-2005.

### Pressure — Temperature

- Maximum Pressure: 250psi (17.2 bar)
- Maximum Temperature: 180°F (82°C)

**NOTICE**

Inquire with governing authorities for local installation requirements

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

