

For Residential and Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series 301

Dielectric Unions

Sizes: 1/2" – 2" (15 – 50mm) Female x Solder

Features

- Female iron pipe thread to solder connection
- Designed and manufactured to the highest quality standards
- Rated to 250°F (121°C) at 250psi (17 bars)

Specifications

Series 301 Dielectric Unions shall be constructed of forged steel body and union nut. Tailpiece shall be C37700 forged brass with EPDM gasket and engineered resin insulator. Dielectric Unions shall be Watts Regulator Company Series 301.

Pressure/Temperature

Maximum Operating Pressure: 250psi WOG

Maximum Operating Temperature

EPDM Gasket: -20°F to 250°F (-7°C to 121°C)

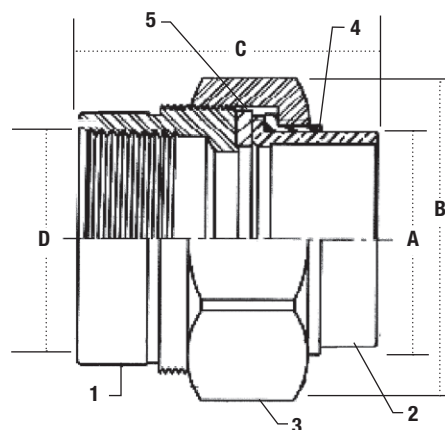
Approvals

Threads: Comply to ANSI B.1.20.1

Solder Joint: Complies to ANSI B 16.18



301



Materials

NO.	PART	MATERIAL
1	Body	Forged Steel A105
2	Tailpiece	Forged Brass C37700
3	Union Nut	Forged Steel A105
4	Insulator	Plastic
5	Gasket	EPDM

Dimensions — Weights

SIZE (DN)		DIMENSIONS						WEIGHTS		
		A		B		C		D		
<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>	<i>in.</i>	<i>mm</i>		<i>oz.</i>	<i>gm.</i>
1/2"	15	5/8	16	1 5/8	41	1 13/16	46	1/2 NPT	6	170
3/4"	20	7/8	22	1 7/8	47	2 1/16	52	3/4 NPT	6.7	190
1"	25	1 1/8	29	2 1/8	54	2 1/4	62	1 NPT	9.3	264
1 1/4"	32	1 3/8	35	2 9/16	65	2 7/16	63	1 1/4 NPT	13.3	377
1 1/2"	40	1 5/8	41	2 15/16	75	2 1/2	63	1 1/2 NPT	13.3	377
2"	50	2 1/8	54	3 3/4	96	2 15/16	75	2 NPT	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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