For Residential and Commercial Polyethylene Pipe Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

Series TRFWP1

TRITON™ IPS Fusers for PE Pipe

Sizes: ½" – 2" (20 – 50mm)

TRITON Series TRFWP1 Fusers are designed to amplify and direct a radio frequency (RF) signal through a TRITON IPS sized polyethylene fitting. The hand-held Fusers incorporate a mechanical fusing jaw that wraps around the TRITON Fitting at the fusion zone. Once the Fuser is connected to the TRCU Control Unit via its 20' coaxial cable, the Fuser button is used to identify the Fuser size and type and initiate the fusion cycle. The Fuser diode, located by the Fuser button, will glow a steady amber color when the Fuser is connected and initiated. The diode will blink on and off during the fusion cycle. Fusers can only be placed around the TRITON Fitting in the fusion zone, but can be inverted or rotated on the fitting.



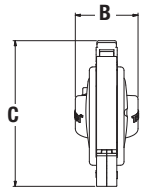
TRFWP1

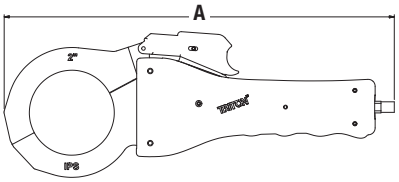
Specifications

The system shall be plumbed using Watts TRITON Pipe Fusion Fittings. Each TRITON Fitting incorporates the TRITON Fuse-Tel™ indicator that extrudes on completion of the joining process, providing a visual and tactile indication that the fusion is complete. The TRITON Pipe Fusion system operates on 110/120 VAC power and utilizes a 13.56MHz ISM band frequency in conjunction with a dual susceptor imbedded in the fitting to complete the fuse.

Follow all building codes, standards, and regulations when using the TRITON Pipe Fusion system.

Dimensions — Weights





MODEL	DESCRIPTION	DIMENSIONS						WEIGHT	
		A		B		C			
		in.	*mm*	*in.*	*mm*	*in.*	*mm*	*Lb*	*g*
TRFWP1-08-CTS	FUSER ½ CTS	11 5/16	287.7	2 1/4	57.5	2 7/8	73.0	0.51	0.232
TRFWP1-12-CTS	FUSER ¾ CTS	11 5/16	287.7	2 1/4	57.5	3 1/16	77.9	0.53	0.241
TRFWP1-16-CTS	FUSER 1CTS	11 13/16	300.4	2 1/4	57.5	3 1/2	88.9	0.55	0.250
TRFWP1-12-IPS	FUSER ¾ IPS	12 1/8	307.8	2 1/4	57.5	3 9/16	90.7	0.55	0.250
TRFWP1-16-IPS	FUSER 1IPS	12 1/4	311.4	2 1/4	57.5	4 1/8	105.2	0.56	0.254
TRFWP1-20-IPS	FUSER 1 ¼ IPS	13 1/4	336.6	2 1/4	57.5	4 1/2	114.3	0.69	0.313
TRFWP1-24-IPS	FUSER 1 ½ IPS	13 8/16	342.9	2 1/4	57.5	4 15/16	125.0	0.75	0.341
TRFWP1-32-IPS	FUSER 2 IPS	14 3/16	360.4	2 1/4	57.5	6	152.4	0.82	0.372

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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Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • www.watts.ca

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