

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

Contractor \_\_\_\_\_

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

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

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

Approval \_\_\_\_\_

Representative \_\_\_\_\_

# LEAD FREE\*



## AquaLock™ Plastic Manifolds

Watts AquaLock push-to-connect Manifolds are designed and manufactured for many years of trouble free service. Produced of off white Polysulfone, a high performance thermal plastic material, the Watts AquaLock design allows for quick and easy connections without the use of installation tools.

### Specifications

Connection shall be made using Watts AquaLock Plastic fitting with Integral Collet and O-Ring guide. Fitting shall be able to fully rotate under pressure and allow for easy disconnect and re-use without the use of disconnection tools. Fitting must not disassemble to disconnect.

### Approvals

NSF-61, NSF-14, CSA B137.5, ASTM F877, UPC, ASSE 1061

### Ratings

100psi @ 180°F (6.8 bar @ 82°C)

250psi @ 75°F (17.3 bar @ 24°C)

### Example

3589-1810

35 = Plastic

89 = Single Union Body

1810 = 1" CTS x 1/2" CTS



3589



3583



3590



3584



3585



### CAUTION

The polysulfone material used in the AquaLock™ fittings can be compromised by exposure to volatile organic compounds (VOC's) and caustic chemicals. Therefore, **DO NOT** expose this product to any such chemical or foreign substance, which would include exposure to the following products: **Pipe Dopes (thread sealants)**, bug sprays, lubricants, cleaners, paints, bleaches, acids, solder fluxes, plastic piping primers and cements, oxidizing agents, alkaline solutions, thinners, fuels, oil based caulks, hydrocarbons, spray foam of foaming agents (insulation).

It is also recommended that all threaded connections be made with Teflon® tape only.

### 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.

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

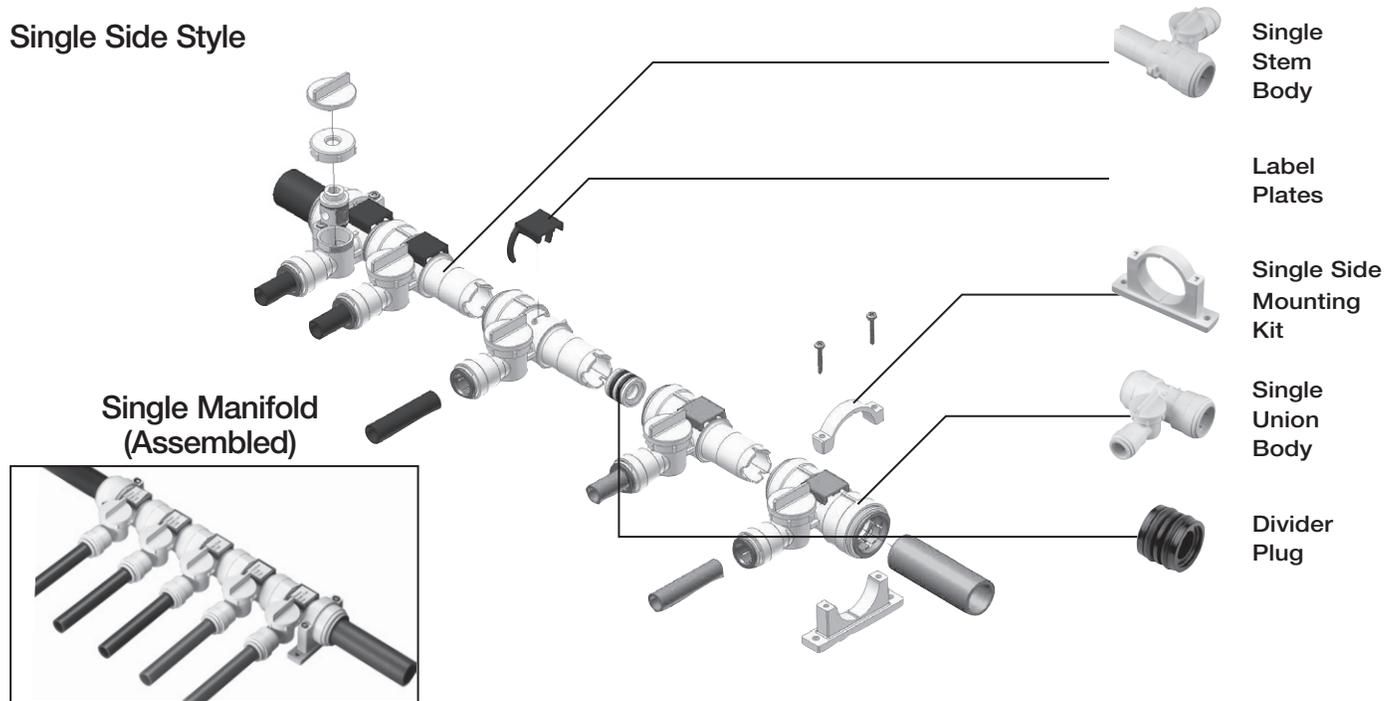
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



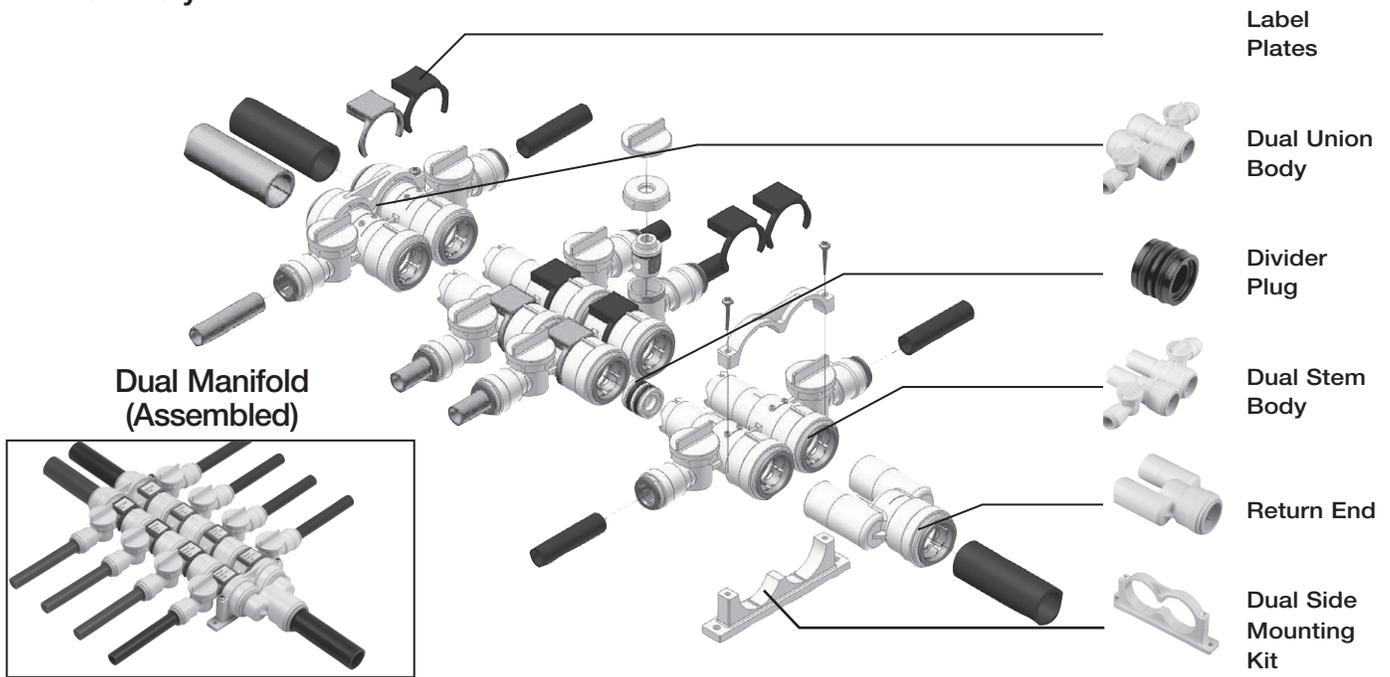
# Assembly Elements

## Plastic Push-to-connect Manifold

### Single Side Style

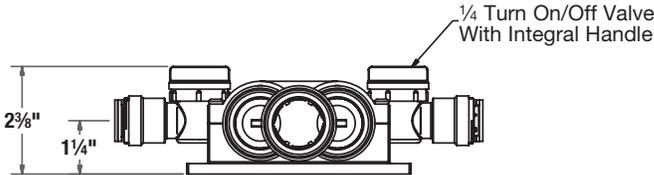
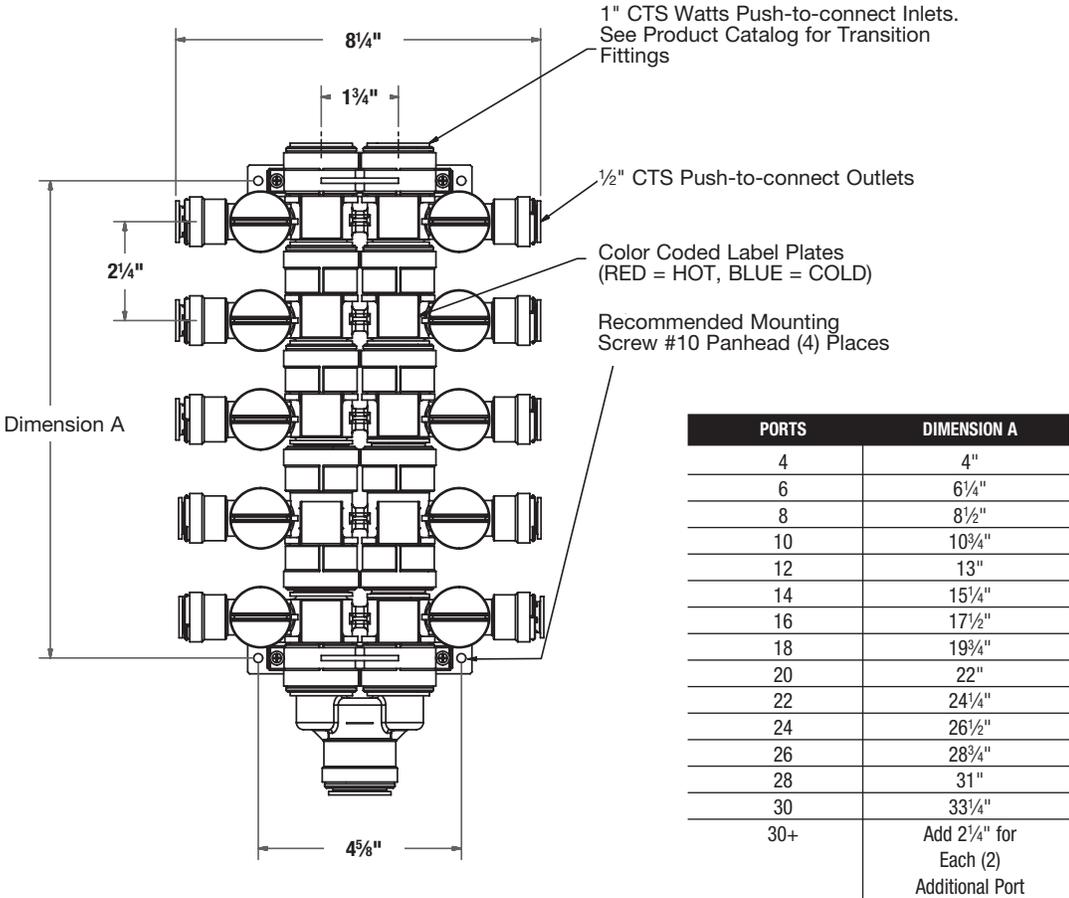


### Dual Side Style



# Installation Dimensions

## Plastic Push-to-connect Manifold

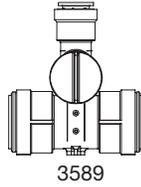


**Weights** – Weights are approximate

**Manifolds - Single**

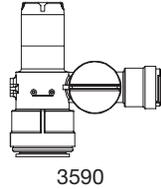
**Manifolds - Single Union Body**

MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3589-1810	0959257	1" CTS x 1/2" CTS	3.4	1.5
<b>Package Type: Bulk Pack</b>				
3589-1810	81903052	1" CTS x 1/2" CTS	3.4	1.5



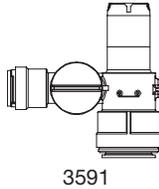
**Manifolds - Single Stem Body - Right**

MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3590-1810	0959258	1" CTS x 1/2" CTS	3	1.4
<b>Package Type: Bulk Pack</b>				
3590-1810CP	81903053	1" CTS x 1/2" CTS	3	1.4



**Manifolds - Single Stem Body - Left**

MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3591-1810	0959259	1" CTS x 1/2" CTS	3	1.4
<b>Package Type: Bulk</b>				
3591-1810CP	81903059	1" CTS x 1/2" CTS	3	1.4



**Manifold Single Side Mounting Kits**

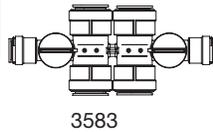
MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3581-18	0959260	For 35 Series	1.1	.5
<b>Package Type: Bulk</b>				
3581-18CP	81903044	For 35 Series	1.1	.5

3581

**Manifolds - Dual**

**Manifolds - Dual Union Body**

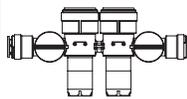
MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3583-1810	0959303	1" CTS x 1/2" CTS	6.8	3.1
<b>Package Type: Bulk</b>				
3583-1810CP	819903046	1" CTS x 1/2" CTS	6.8	3.1



3583

**Manifolds - Dual Stem Body**

MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3584-1810	0959304	1" CTS x 1/2" CTS	6	2.7
<b>Package Type: Bulk</b>				
3584-1810CP	819903047	1" CTS x 1/2" CTS	6	2.7

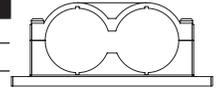


3584

**Manifolds - Dual (cont'd)**

**Manifold Dual Side Mounting Kits**

MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3580-18	0959295	For 35 Series	1.5	.69
<b>Package Type: Bulk</b>				
3580-18CP	81903043	For 35 Series	1.5	.69



3580

**Manifold Divider Plugs**

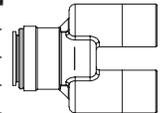
MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3582-18	0959266	For 35 Series	0.3	.14
<b>Package Type: Bulk</b>				
3582-18CP	81903045	For 35 Series	0.3	.14



3582

**Manifold Return Ends**

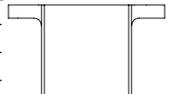
MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3585-18	0959296	1" CTS	2.3	1.0
<b>Package Type: Bulk</b>				
3585-18CP	89030248	1" CTS	2.3	1.0



3585

**Manifold Red Label Plates**

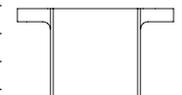
MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3586-18	0959261	Red - For 35 and Metric	0.2	.09
<b>Package Type: Bulk</b>				
3586-18CP	81903049	Red - For 35 and Metric	0.2	.09



3586

**Manifold Blue Label Plates**

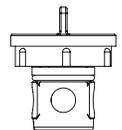
MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3587-18	0959262	Blue - For 35 and Metric	0.2	.09
<b>Package Type: Bulk</b>				
3587-18CP	81903050	Blue - For 35 and Metric	0.2	.09



3587

**Manifold Valve Repair Kits**

MODEL	ORDERING CODE	SIZE & CONNECTION	ITEM WEIGHT	
			lbs.	kg.
<b>Package Type: Single Pack</b>				
3588-10	0650763	1/2" Spool	0.7	.32
<b>Package Type: Bulk Pack</b>				
3588-10CP	81903051	1/2" Spool	0.7	.32



3588

