

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*



AquaLock™ Plastic Valves

Watts AquaLock push-to-connect Valves 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 push-to-connect fitting with integral collet and O-ring guide. Fitting shall be able to fully rotate under pressure and allow for for easy disconnect and reuse 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

3538-10

35 = Plastic

38 = 3-Way Selector Valve

10 = 1/2" CTS



3538



3539R



3539



3540



3541



3543



3543R



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 or 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.

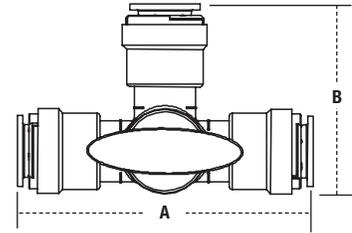
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior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



Dimensions – Weights – Weight and Dimensions are approximate (tolerance +/- 1/8)

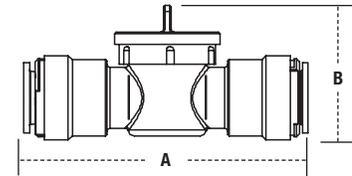
3-Way Selector Valves

| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|----------------------------------|---------------|-------------------|-------------|---------|-------------|---------|-------------|------|
| | | | A in. | A mm | B in. | B mm | oz. | gr. |
| Package Type: Single Pack | | | | | | | | |
| 3538-10 | 0959473 | 1/2" CTS | 3 1/2 | 89 | 2 1/4 | 57 | 2.3 | 1.04 |
| Package Type: Bulk Pack | | | | | | | | |
| 3538-10CP | 81902985 | 1/2" CTS | 3 1/2 | 89 | 2 1/4 | 57 | 2.3 | 1.04 |



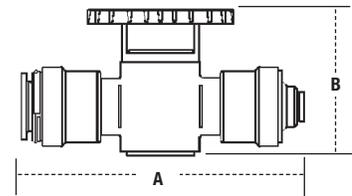
Straight Valves

| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|----------------------------------|---------------|-------------------|-------------|---------|-------------|---------|-------------|------|
| | | | A in. | A mm | B in. | B mm | oz. | gr. |
| Package Type: Single Pack | | | | | | | | |
| 3539-08 | 0959040 | 3/8" CTS | 3 | 77 | 1 3/4 | 44 | 1.3 | .59 |
| 3539-10 | 0959098 | 1/2" CTS | 3 1/2 | 89 | 1 3/4 | 44 | 1.8 | .82 |
| 3539-14 | 0959144 | 3/4" CTS | 4 1/2 | 114 | 2 | 51 | 3 | 1.36 |
| Package Type: Bulk Pack | | | | | | | | |
| 3539-08CP | 81902987 | 3/8" CTS | 3 | 77 | 1 3/4 | 44 | 1.3 | .59 |
| 3539-10CP | 81902988 | 1/2" CTS | 3 1/2 | 89 | 1 3/4 | 44 | 1.8 | .82 |
| 3539-14CP | 81902990 | 3/4" CTS | 4 1/2 | 114 | 2 | 51 | 3 | 1.36 |



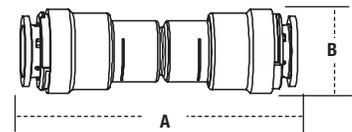
Reducing Straight Valves

| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|----------------------------------|---------------|--------------------|-------------|---------|-------------|---------|-------------|-----|
| | | | A in. | A mm | B in. | B mm | oz. | gr. |
| Package Type: Single Pack | | | | | | | | |
| 3539R-1004 | 0959099 | 1/2" CTS x 1/4" OD | 3 1/2 | 89 | 2 1/4 | 57 | 1.7 | .77 |
| Package Type: Bulk Pack | | | | | | | | |
| 3539R-1004CP | 81902992 | 1/2" CTS x 1/4" OD | 3 1/2 | 89 | 2 1/4 | 57 | 1.7 | .77 |



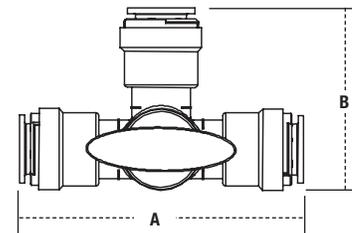
Union Check Valves

| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|----------------------------------|---------------|-------------------|-------------|---------|-------------|---------|-------------|-----|
| | | | A in. | A mm | B in. | B mm | oz. | gr. |
| Package Type: Single Pack | | | | | | | | |
| 3540-10 | 0959475 | 1/2" CTS | 3 5/16 | 84 | 1 1/8 | 29 | 1 | .45 |
| Package Type: Bulk Pack | | | | | | | | |
| 3540-10CP | 81902993 | 1/2" CTS | 3 5/16 | 84 | 1 1/8 | 29 | 1 | .45 |



3-Way By-pass Valves

| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|----------------------------------|---------------|-------------------|-------------|---------|-------------|---------|-------------|------|
| | | | A in. | A mm | B in. | B mm | oz. | gr. |
| Package Type: Single Pack | | | | | | | | |
| 3541-10 | 0959474 | 1/2" CTS | 3 1/2 | 89 | 2 1/8 | 54 | 2.3 | 1.04 |
| Package Type: Bulk Pack | | | | | | | | |
| 3541-10CP | 81902994 | 1/2" CTS | 3 1/2 | 89 | 2 1/8 | 54 | 2.3 | 1.04 |



Stackable Valves

| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|----------------------------------|---------------|-------------------|-------------|-----|-------------|----|-------------|-----|
| | | | in. | mm | in. | mm | oz. | gr. |
| Package Type: Single Pack | | | | | | | | |
| 3543-10 | 0959366 | ½" CTS | 4 | 102 | 2¼ | 57 | 1.7 | .77 |
| Package Type: Bulk Pack | | | | | | | | |
| 3543-10CP | 81902995 | ½" CTS | 4 | 102 | 2¼ | 57 | 1.7 | .77 |

Reducing Stackable Valves

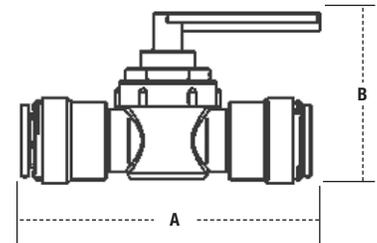
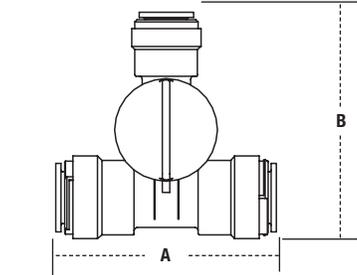
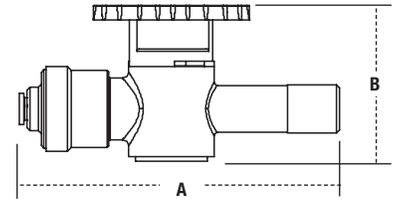
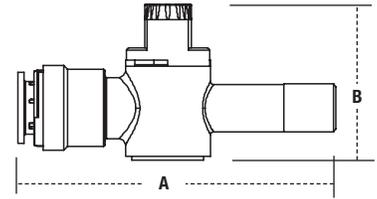
| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|----------------------------------|---------------|-------------------|-------------|-----|-------------|----|-------------|-----|
| | | | in. | mm | in. | mm | oz. | gr. |
| Package Type: Single Pack | | | | | | | | |
| 3543R-1004 | 0959367 | ½" CTS x ¼" OD | 4¼ | 108 | 2¼ | 57 | 1.8 | .82 |

Tee Valve

| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|----------------------------------|---------------|-------------------|-------------|----|-------------|----|-------------|-----|
| | | | in. | mm | in. | mm | oz. | gr. |
| Package Type: Single Pack | | | | | | | | |
| 3550-1004 | 0959358 | ½" CTS x ¼" OD | 3 | 76 | 3 | 76 | 1.6 | .73 |
| Package Type: Bulk Pack | | | | | | | | |
| 3550-1004CP | 81903009 | ½" CTS x ¼" OD | 3 | 76 | 3 | 76 | 1.6 | .73 |

Panel Mount Valve

| MODEL | ORDERING CODE | SIZE & CONNECTION | ITEM LENGTH | | ITEM HEIGHT | | ITEM WEIGHT | |
|--------------------------------|---------------|-------------------|-------------|----|-------------|----|-------------|-----|
| | | | in. | mm | in. | mm | oz. | gr. |
| Package Type: Bulk Pack | | | | | | | | |
| 3559-10CP | 81903031 | ½" CTS | 3¾ | 95 | 2¼ | 57 | 2 | .91 |



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