

For Light Commercial and Residential Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

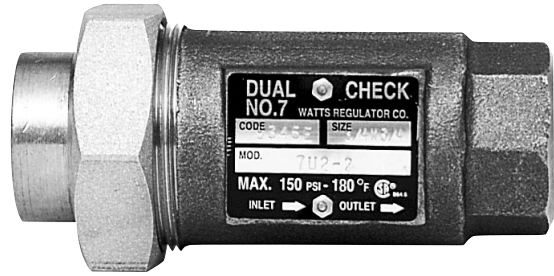
Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Series 7 Dual Check Valves

7 Sizes: 1/2" – 1 1/4" (15 – 32mm)

7C Sizes: 3/8" (10mm)

Series 7 Dual Check Valves are designed for non-health hazard residential water system containment and continuous pressure applications, such as the drinking water supply service entrance or individual outlets. Series 7 uses two compact replaceable check modules and is installed immediately downstream of the residential water meter.



7

Features

- Can be installed vertically or horizontally
- Available with combination of inlet/outlet sizes, types or thread and end connection including retrofit compression fittings and hose connections
- Can be installed in many piping configurations and with a wide range of meter horns, copper setters and meter boxes
- 7C, chrome-nickel plated brass dual check for in-line continuous pressure application

Specifications

The dual check backflow preventer shall meet the domestic requirements of ANSI/ASSE Standard 1024, and bear the seal of approval. It shall be bronze-bodied and include not less than one union, with the union nut drilled to accept a tamper-proofing lock wire. A brass identification tag indicating direction of flow shall be securely attached to the valve body by corrosion-resistant mechanical fasteners. The dual check shall be Watts Regulator Company Series 7. (Please select the model best suited to your application.)

Pressure - Temperature

Temperature Range: 33°F – 180°F (0.5°C-82°C) continuous
 Maximum Working Pressure: 150psi (10.3 bar)

Approvals



Series 7: Inlet/Outlet Connections – Types available, ordering code, sizes available.

Connection Type	Connection Code	Sizes Available	
		inches	mm
National Pipe Thread Female	2	1/2, 3/4, 1	15, 20, 25
National Pipe Thread Male	3	1/2, 3/4, 1, 1 1/4	15, 20, 25, 32
Meter Thread Female*	4	3/4, 1, 1 1/4	20, 25, 32
Meter Thread Male*	5	3/4, 1, 1 1/4	20, 25, 32
Pack Joint Female	6	3/4, 1	20, 25
Pack Joint Male	7	3/4, 1	20, 25
Female Solder	8	3/4, 1	20, 25
Male Sweat	9	3/4, 1	20, 25
Female Meter Thread (Swivel)	10	3/4, 1, 1 1/4	20, 25, 32
Male Hose Thread	11	3/4	20
Female Hose Thread	12	3/4	20
Male Meter Yoke Thread	13	3/4	20
PEX	15	1/2, 3/4, 1	15, 20, 25
CPVC	16	1/2, 3/4, 1	15, 20, 25
QC "Quick Connect"	17	1/2, 3/4, 1	15, 20, 25

Union (U) Connections available on all inlet/outlet types and sizes.

* When ordering Series 7 Valves with Meter Thread Connections, be sure to order connection size one size larger than meter thread. Examples:

Meter Size	Order
1/2" (15mm) and 5/8" (16mm)	3/4" (20mm)
5/8" (16mm) and 3/4" (20mm)	1" (25mm)
1" (25mm)	1 1/4" (32mm)

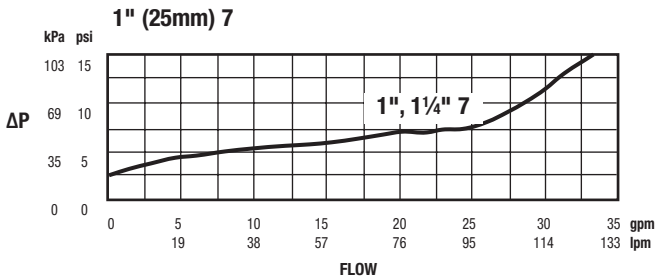
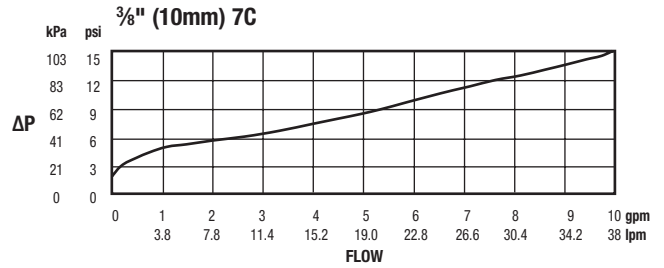
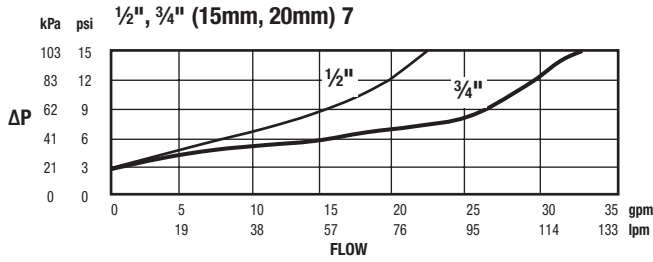
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior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



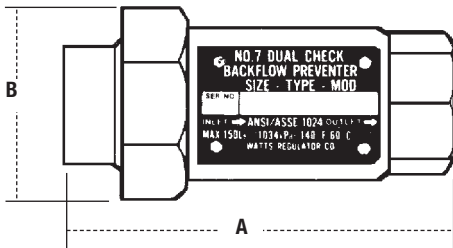
Materials

- Body: 7 bronze
7C chrome-nickel plated brass
- Check Modules: Durable plastic
- Discs: Silicone
- Seals: Buna-N
- Springs: Stainless steel

Capacity



Dimensions - Weight



MODEL	SIZE (DN)		DIMENSIONS				WEIGHT	
	in.	mm	A		B		lbs.	kgs.
7C	3/8	10	2 7/8	73	1 1/4	32	.63	.29
7U2-2	1/2	15	4 3/8	111	2 3/8	60	1.75	0.8
7U2-2	3/4	20	4 3/8	111	2 3/8	60	1.75	0.8
7U2-2	1	25	4 3/8	111	2 3/8	60	1.75	0.8

WATTS[®]

A Watts Water Technologies Company



ISO 9001-2000
CERTIFIED

USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com

Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca