

Watts 007 Double Check Backflow Brass Assembly or Valve Only

PRODUCT CODE: SEE BELOW

KEY FEATURES

- Designed to protect drinking water supplies from dangerous cross-connections in accordance with national plumbing codes and water authority requirements for non-potable service applications such as irrigation, fireline, or industrial processing. Only those cross-connections identified by local inspection authorities as non-health hazard shall be allowed the use of an approved double check valve assembly. Check with local authority having jurisdiction regarding vertical orientation, frequency of testing or other installation requirements.
- Includes ball valves, 2 x unions and strainer.
- Low/ Medium Hazard Installations
- Testable Device
- BSP Threaded Male ends
- Suitable for back pressure & back siphonage installations
- Can be installed vertically or horizontally and can be installed below ground in a suitable enclosure
- Continuous and non continuous pressure installations
- Temperature: 0.5 oC to 82 oC / Pressure Range: 1200 kPa
- DR Brass Construction



Connection size	Assembly (unions included)	Assembly (no unions)	Valve Only
15mm	DC-007-15CA-Unions	DC-007-15CA	DC-007-15VO
20mm	DC-007-20CA-Unions	DC-007-20CA	DC-007-20VO
25mm	DC-007-25CA-Unions	DC-007-25CA	DC-007-25VO
32mm	DC-007-32CA-Unions	DC-007-32CA	DC-007-32VO
40mm	DC-007-40CA-Unions	DC-007-40CA	DC-007-40VO
50mm	DC-007-50CA-Unions	DC-007-50CA	DC-007-50VO



SCAN HERE TO
FIND OUT MORE

Series 007

Double Check Backflow Preventer

Size: DN15-DN50

Series 007 Double Check Valve Backflow Preventer are designed to protect drinking water supplies from dangerous cross-connections in accordance with national plumbing codes and water authority requirements for non-potable service applications such as irrigation, fireline, or industrial processing. Only those cross-connections identified by local inspection authorities as non-health hazard shall be allowed the use of an approved double check valve assembly. Check with local authority having jurisdiction regarding vertical orientation, frequency of testing or other installation requirements.

Features

- Compact, space saving design • Large body, passages provides low pressure drop • Top entry single access cover and modular check construction for ease of maintenance • No special tools required for servicing • Captured springs for safe maintenance • Replaceable seats for economical repair • Ball valve test cocks-screwdriver slotted

Pressure - Temperature

- Temperature Range: 0.5°C – 90°C • Maximum Working Pressure: 1400kPa (14bar)

Material

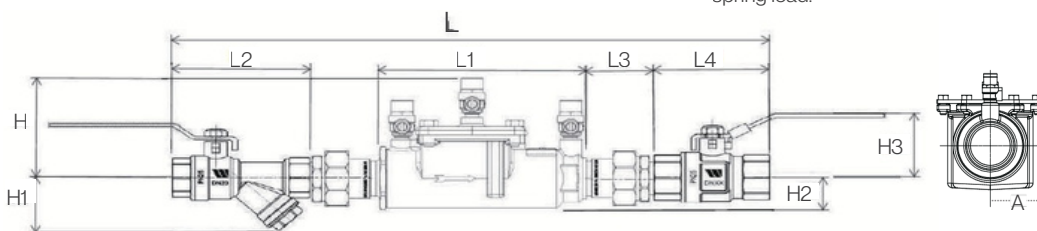
Component	Body/Cover(15-50mm)	Test Cock Checks	Check Seats (Replaceable)	Cover Bolts	Material
	DR Bronze	DR			
		Brass	Polymer	Silicone	
			Rubber Disc	Stainless Steel	

Installation Dimensions

Dimensions (mm)	DN(mm)					
	15	20	25	32	40	50
L	334	377	445	565	602	648
L1	137	168	235	287	283	340
L2	41	49	58	70	81	94
L3	63	72	86	101	111	134
L4	35	39	43	49	52	55
L5	56	66	77	92	103	120
H	85	91	80	92	92	108
H1	43	49	54	79	79	90
H2	30	35	60	62	62	87
H3	42	49	52	77	83	90
A	52	39	43	68	68	68

*DISCLAIMER: Dimensions can vary - please consult with FlowQuip as to variances.

007 KIT



007



007-LBS



007-ULBS



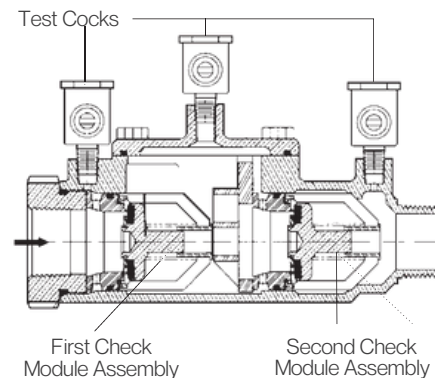
Specification

- Design Standard: AS/NZS 2845.1 • Connection Standard: DN15: MxF BSP
DN20-DN50: MxM BSP
- Working Medium: Non corrosive liquids

Approval



- License No. of the Backflow Preventer: WMKA 1335 • License No. of Ball Valves: WM 040213 • License No. of the Y-Strainer & Unions: WMK 25882

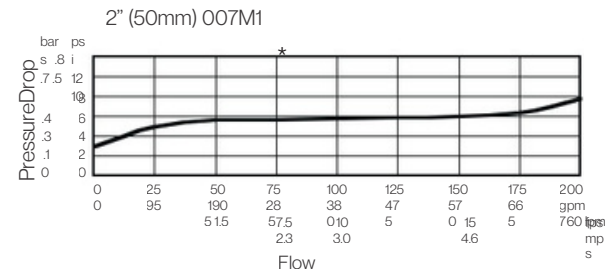
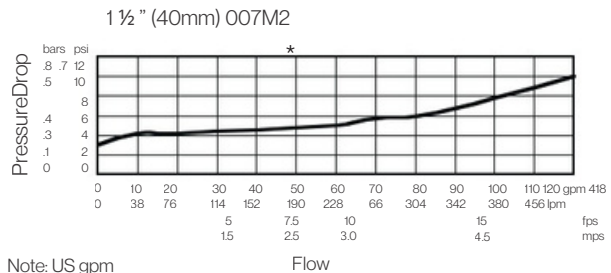
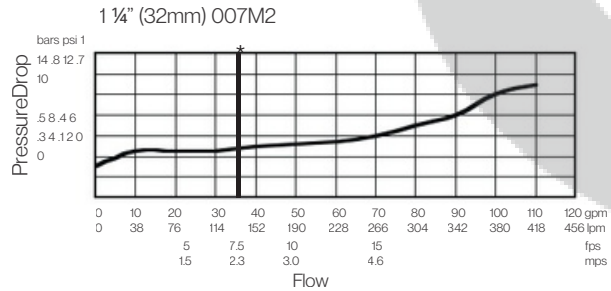
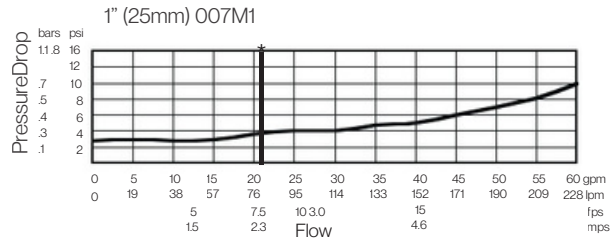
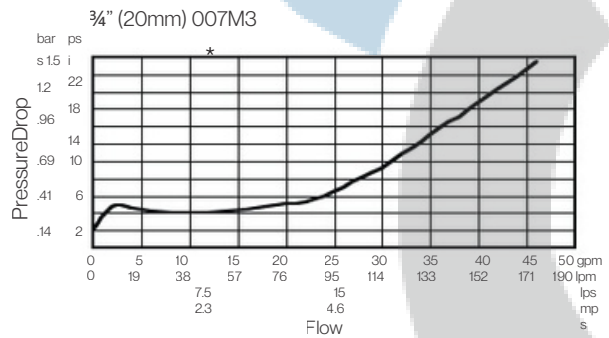
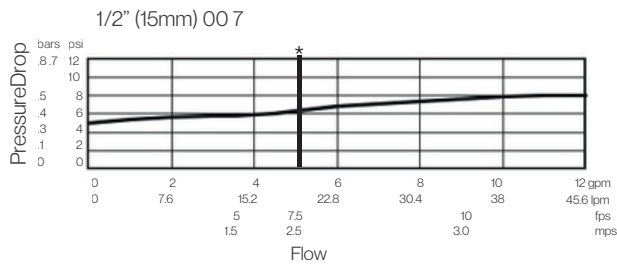


The 007 Series features a modular design concept which facilitates complete maintenance and assembly by retaining the spring load.

Characteristic Curves

As compiled from documented Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California lab tests.

* Typical maximum system flow rate (2.3 m/s.)



Note: US gpm

DISCLAIMER: Every care has been taken in the preparation of these instructions, which have been issued as a guide only. Compliance with the requirements of local Authorities is required at all times. These requirements may change from time to time. Always be aware of the local requirements. Subject to any statutory obligations and manufacturers warranties no liability can be accepted for any losses, consequential or otherwise which may arise or be said to have arisen from relying upon the contents of this installation instruction as to the fitness of any particular product for any particular purpose, use or application. The Australian Valve Group Pty Ltd reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.

007-EN-202312

Typical Installation

Model 007 Double Check Backflow Preventer should be installed with adequate clearance and easy accessibility for testing and maintenance and must be protected from freezing. Local codes shall govern installation requirements. Fittings such as end connectors intended to join alternative pipe systems made from other materials (e.g. plastics) shall also conform to the relevant dimensional and performance requirements of the appropriate Australian, New Zealand, or joint Australian/New Zealand Standard for the alternative pipe system. Test the assembly at initial installation, after servicing or maintenance to AS/NZS2845.3 and local regulatory authority requirements.