

4A-200 Series Backflow RPZ Valve sizes 15mm-50mm

SPEC SHEET

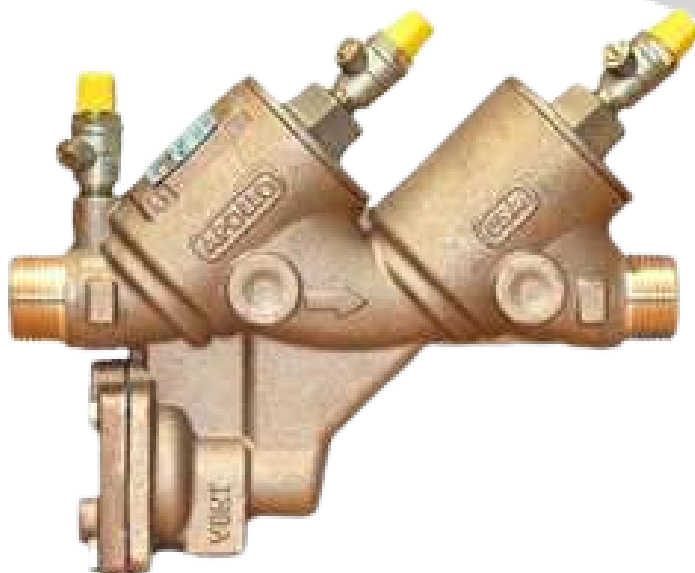
PRODUCT CODE: As below

KEY FEATURES

The Apollo Series 4A-200 Reduced Pressure Principle Backflow Preventer is designed to give maximum protection against backflow caused by either back-pressure or back-siphonage from substances that are hazardous. The durable but economical device is easily maintained in the line with modular check cartridge assemblies that require no special tools. It consists of two independently acting spring-loaded check valves with an automatic differential relief valve located between the check valves. All testcocks are mounted at the top of the unit to assure easy access during repair and maintenance when unit is installed in tight places.

FEATURES

- Maximum protection against back-pressure/back-siphonage
- Modular check valve cartridges with easily replaced parts
- Reversible/removable chloramine-resistant silicone seat discs
- Low head pressure loss
- Internal sensing passage
- Corrosion resistant
- AS2845.1 approved
- Maximum pressure 1,200kPa
- Temperature range 1°C - 85°C
- Horizontal installation
- Designed, manufactured, assembled and tested in South Carolina, USA
- 5 year, domestic warranty



PRODUCT CODES

More Specs on following page

Valve Code Alt. Code	RPZAPOLLO4A15DO (4A203T, ARP15)	RPZAPOLLO4A20DO (4A204T, ARP20)	RPZAPOLLO4A25DO (4A205T, ARP25)	RPZAPOLLO4A32DO (4A206T, ARP32)	RPZAPOLLO4A40DO (4A207T, ARP40)	RPZAPOLLO4A50DO (4A208T, ARP50)
Size	15mm	20mm	25mm	32mm	40mm	50mm
A (RPZ device Length)	187	216	241	298	298	324
B (Height)	181	187	203	251	251	279
Width of Assembly	65	70	70	102	102	120
Weights	kg	kg	kg	kg	kg	kg
Nt Wt. (Device only)	2.2	2.8	3.5	5.0	6.0	8.0

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Piped Equipment Specialties

4A-200 Series Backflow RPZ Valve sizes 15mm-50mm

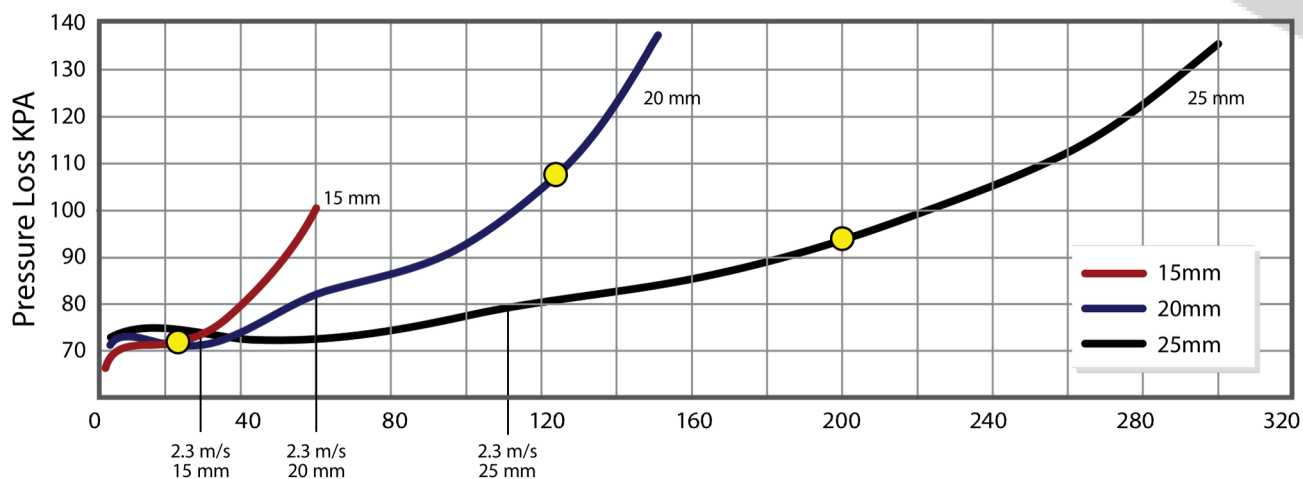
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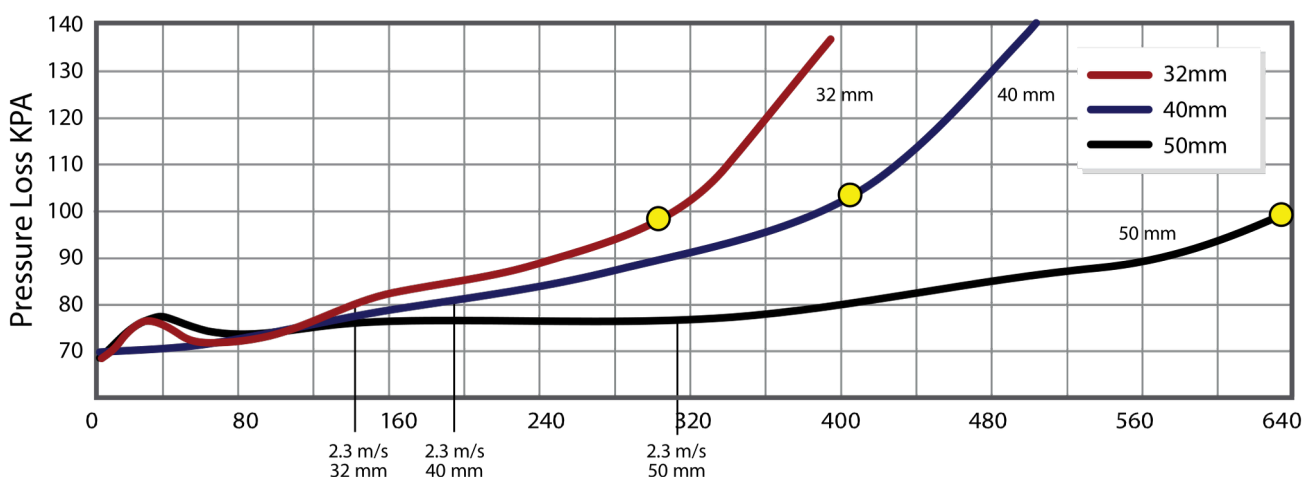
KEY FEATURES

MATERIALS

Part	Material
Body	Bronze (C84400, LF C89836)
Springs	300 Series SS
Seat Discs	Chloramine-resistant Silicone
Diaphragm	Nitrile and Nylon
Check Modules	Glass-Filled PPO
O-rings	Chloramine-resistant EPDM



Flow Rate l/m



Flow Rate l/m



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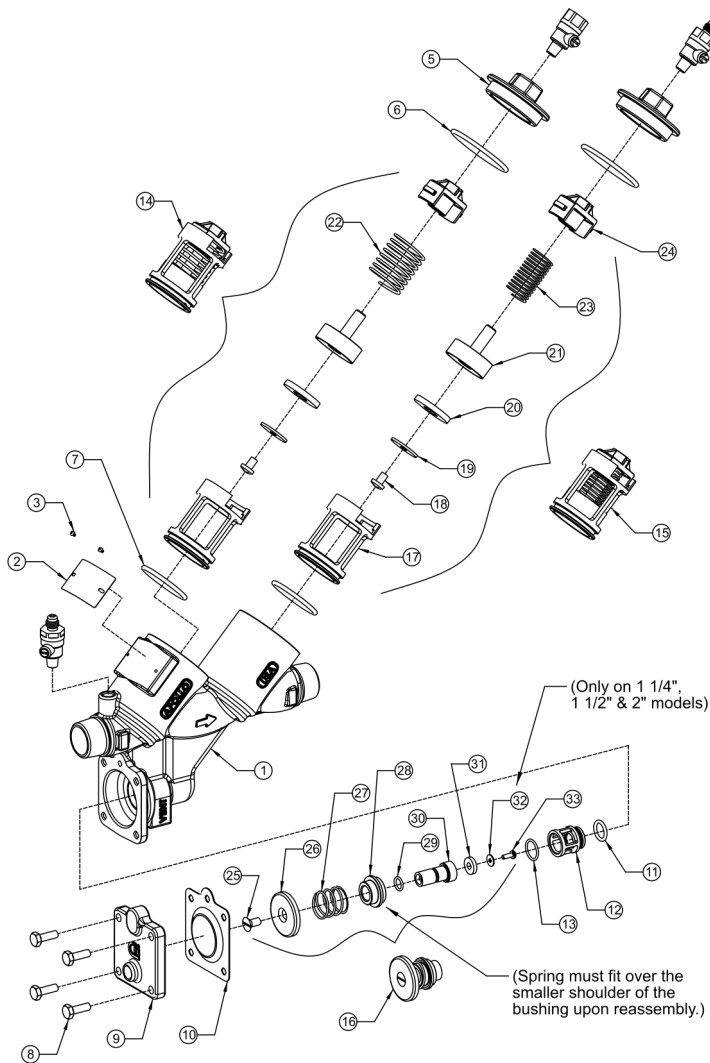
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Piped Equipment Specialties

4A-200 Series Backflow RPZ Valve Repair Kits

SPEC SHEET

PRODUCT CODE: As below

KEY FEATURES



- | | |
|--------------------------------|--------------------------|
| 1 Body | 17 Check Seat |
| 2 Label Plate | 18 Screw |
| 3 Label Plate Tacks | 19 Disc Retaining Washer |
| 4 Test Cock | 20 Seat Disc |
| 5 Cap | 21 Poppet |
| 6 Cap O-Ring | 22 Spring 1st Check |
| 7 Check Module O-Ring | 23 Spring 2nd Check |
| 8 RV Cover Bolts | 24 Spring Retainer |
| 9 RV Cover | 25 RV Diaph. Plate Screw |
| 10 RV Diaphragm | 26 RV Diaphragm Plate |
| 11 RV Seat O-Ring | 27 RV Spring |
| 12 RV Seat | 28 RV Bushing (Standard) |
| 13 RV Bushing Face O-Ring | 29 RV Stem O-Ring |
| 14 1st Chk Sub Assembly | 30 RV Stem |
| 15 2nd Chk Sub Assembly | 31 RV Seat Disc |
| 16 RV Sub Assembly | 32 RV Seat Disc Washer |
| | 33 RV Seat Disc Screw |

Size	15mm	20mm	25mm	32-40mm	50mm
Check Rubber Repair Kit (x1) 6, 7, 20	APRD-15MIS (alt. codes 4A00301, ACVRK301)	APRD-20MIS (alt. codes 4A00401, ACVRK401)	APRD-20MIS (alt. codes 4A00501, ACVRK501)	APRD-3240MIS (alt. codes 4A00701, ACVRK701)	APRD-50MIS (alt. codes 4A00801, ACVRK801)
1st Check Complete Kit 6, 7, 14	APR-15CK1 (alt. codes 4A00303, A1CRK303)	APR-20CK1 (alt. codes 4A00403, A1CRK403)	APR-25CK1 (alt. codes 4A00503, A1CRK503)	APR-3240CK1 (alt. codes 4A00703, A1CRK703)	APR-50CK1 (alt. codes 4A00803, A1CRK403)
2nd Check Complete Kit 6, 7, 15	APRD-15CK4 (alt. codes 4A00302, A2CRK302)	APRD-20CK4 (alt. codes 4A00402, A2CRK402)	APRD-25CK4 (alt. codes 4A00502, A2CRK502)	APRD-3240CK4 (alt. codes 4A00702, A2CRK702)	APRD-50CK4 (alt. codes 4A00802, A2CRK802)
Relief Rubber Repair Kit 10, 11, 13, 29, 31	APR-1525RVMI (alt. codes ARR504, 4A00504)	APR-1525RVMI (alt. codes ARR504, 4A00504)	APR-1525RVMI (alt. codes ARR504, 4A00504)	APR-3240RVMI (alt. codes ARR704, 4A00704)	APR-50RVMI (alt. codes ARR804, 4A00804)
Relief Valve Complete Kit 10, 11, 12, 13, 16	APR-1525RVMK (alt. codes 4A00505, ARVK505)	APR-1525RVMK (alt. codes 4A00505, ARVK505)	APR-1525RVMK (alt. codes 4A00505, ARVK505)	APR-3240RVMK (alt. codes 4A00705, ARVK705)	Enquire (alt. codes 4A00805, ARVK805)
Rubber Repair Kit 6 (2), 7 (2), 10, 11, 13, 20 (2), 29, 31	APR-15MRK (alt. codes 4A00309, ARRK309)	APR-20MRK (alt. codes 4A00409, ARRK409)	APR-25MRK (alt. codes 4A00509, ARRK509)	APR-3240MRK (alt. codes 4A00709, ARRK709)	APR-50MRK (alt. codes 4A00809, ARRK809)
Major Repair Kit 6 (2), 7 (2), 10, 11, 12, 13, 14, 15, 16	APR-15TRK (alt. codes 4A00310, AMRK310)	APR-20TRK (alt. codes 4A00410, AMRK410)	APR-25TRK (alt. codes 4A00510, AMRK510)	APR-3240TRK (alt. codes 4A00710, AMRK710)	APR-50TRK (alt. codes 4A00810, AMRK810)