



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

The 3/8" - 1" Stainless Steel Reduced Pressure Principle Backflow preventer shall be an Apollo® RP40S. The assembly shall be manufactured in America with all domestic components and parts. The stainless-steel body shall be configured with individually-accessible top-access check valves including top-mounted test cocks. The relief valve shall be bottom-centered with a separate access cover. The replaceable seat rings shall be glass-filled Noryl® and the reversible seat discs shall be silicone rubber. The Apollo® domestic shut-off ball valves shall have stainless steel handles. The assembly shall prevent contamination of the potable water supply due to back-siphonage or back pressure from substances that are health or non-health hazards. The pressure drop across the assembly shall be documented by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California approval curves.

FEATURES

- Replaceable Seats & Reversible Silicone Seat Discs
- Top-mounted Test Cocks for Easy Testing
- Corrosion Resistance
- **Made in the USA**

APPROVALS

- ASSE 1013
- CSA B.64.4
- IAPMO
- AWWA C-511
- NSF/ANSI 372 Lead Free
- Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California
- UL*

*UL- Classified less ball valves only (3/4" & 1" only)

STANDARD MATERIALS LIST

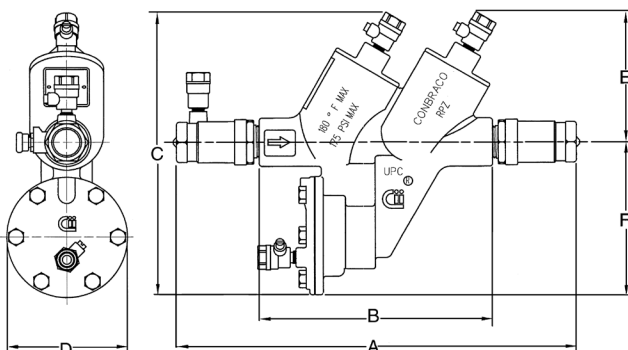
BODY, COVERS	316 Stainless Steel (CF8M)
SPRINGS	Stainless Steel
FASTENERS	Stainless Steel
POPPETS	Glass-Filled Celcon®
SEAT DISCS	Silicone Rubber
DIAPHRAGM, O-RINGS	FDA Fluorocarbon
REPLACEABLE SEATS	Glass-Filled PPO
TEST COCKS & HANDLES	Stainless Steel

PERFORMANCE RATING

- Maximum Working Pressure: 175 psi
- Temperature Range: 33°F - 180°F
- Hydrostatic Test Pressure: 350 psi

DIMENSIONS (x = Shut-off valve configuration)

MODEL NO. PART NO. SIZE	RP40S14 40 201 TXS 1/4"	RP40S14 40 201 TXS 6 MM	RP40S38 40 202 TXS 3/8"	RP40S38 40 202 TXS 10 MM	RP40S12 40 203 TXS 1/2"	RP40S12 40 203 TXS 12 MM	RP40S34 40 204 TXS 3/4"	RP40S34 40 204 TXS 20 MM	RP40S1 40 205 TXS 1"	RP40S1 40 205 TXS 25 MM
A	10-1/2	267	10-1/2	267	10-1/2	267	13-1/2	343	15-1/4	387
B	5-3/4	146	5-3/4	146	5-3/4	146	7-15/16	202	7-15/16	202
C	6-7/8	175	6-7/8	175	6-7/8	175	9	229	9	229
D	2-5/8	68	2-5/8	68	2-5/8	68	4-1/16	103	4-1/16	103
E	3-3/16	81	3-3/16	81	3-3/16	81	4-3/8	111	4-3/8	111
F	3-3/4	95	3-3/4	95	3-3/4	95	5-1/8	130	5-1/8	130
Test Cocks	1/8 x 1/4 NPT	1/8 x 1/4 NPT	1/8 x 1/4 NPT	1/8 x 1/4 NPT	1/8 x 1/4 NPT	1/8 x 1/4 NPT	1/8 x 1/4 NPT	1/8 x 1/4 NPT	1/8 x 1/4 NPT	1/8 x 1/4 NPT
WEIGHTS	LB.	KG.	LB.	KG.	LB.	KG.	LB.	KG.	LB.	KG.
Net Wt. (without Ball Valves)	4.3	2.0	4.3	2.0	4.1	1.9	8.1	3.8	8.1	3.7
Net Wt. (with Ball Valves)	5.5	2.5	5.5	2.5	5.4	2.4	10.8	4.9	11	5.0
Ship Wt. (without Ball Valves)	5.2	2.4	5.1	2.3	5	2.3	9.8	4.4	9.6	4.3
Ship Wt. (with Ball Valves)	6.4	2.9	6.4	2.9	6.3	2.8	12.3	5.6	12.8	5.8



*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

PART NUMBER MATRIX

40 2 X	X	T X	S X
Y-STRAINER	SIZE	SHUT-OFF VALVES	OPTIONS (CAN BE COMBINED)
0 - STANDARD	1 - 1/4"	1 - LESS BALL VALVES (UL CLASSIFIED-3/4",1")	LL - LOCKING LEVER HANDLES
1 - W/ SS Y-STRAINER	2 - 3/8"	2 - W/SS BALL VALVES, W/SS TEE HANDLES (STANDARD)	
(SHIPPED LOOSE)	3 - 1/2"		
	4 - 3/4"		
	5 - 1"		

FLOW CURVES

