



Model RP40/ RP40N/ RP40Z

REDUCED PRESSURE PRINCIPLE

BACKFLOW PREVENTER

Job Name:

Contractor:

Job Location:

P.O. Number:

Engineer:

Representative:

Tag:

Wholesale Distributor:

SPECIFICATIONS

The Apollo® Model RP40, RP40N and RP40Z Reduced Pressure Principle Backflow Preventers shall prevent contamination of the potable water supply due to back-siphonage or backpressure from substances that are health or non-health hazards. The assembly shall be manufactured in America. The bronze 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 pressure drop across the assembly shall be documented by USC's FCCC&HR approval curves.

FEATURES

- Replaceable seats & reversible silicone seat discs
- Top-mounted test cocks for easy testing
- Corrosion resistant
- MADE IN THE USA



ORDERING INFORMATION

4 0 - 2 X X - X X

OPTIONS
SIZE
Y-STRAINER

Y-STRAINER

☐ 0 - None (Standard) ☐ 1 - With Y-Strainer

SIZE

- ☐ 1 - 1/4" ☐ 4 - 3/4" ☐ 7 - 1 1/2"
☐ 2 - 3/8" ☐ 5 - 1" ☐ 8 - 2"
☐ 3 - 1/2" ☐ 6 - 1 1/4"

SUFFIX	DESCRIPTION
T1	Less ball valves (UL Listed)
T2	With ball valves (standard)
T2F	With SAE flare test cock fittings (3/4" & 1" only)
T2N	With ball valves; "N" flow - Model RP40N
T2Z	With ball valves; "Z" flow - Model RP40Z
T2LL	With ball valves; locking lever handles
T4	With union-end ball valves
T4LL	With union-end ball valves; locking lever handles
T4N	With union-end ball valves; "N" flow

APPROVALS

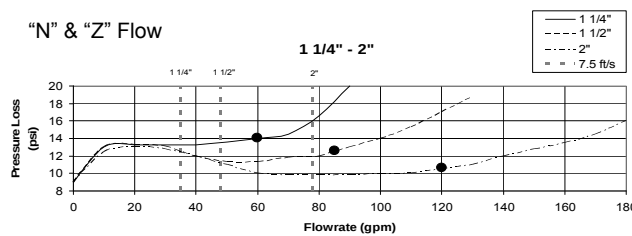
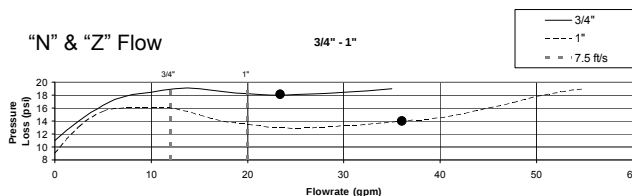
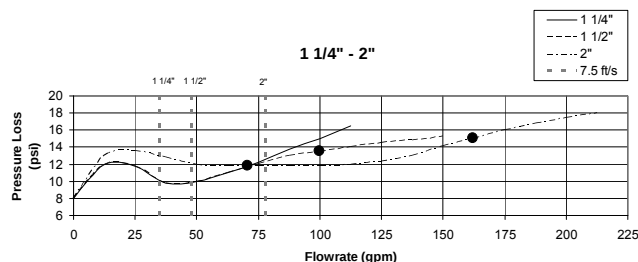
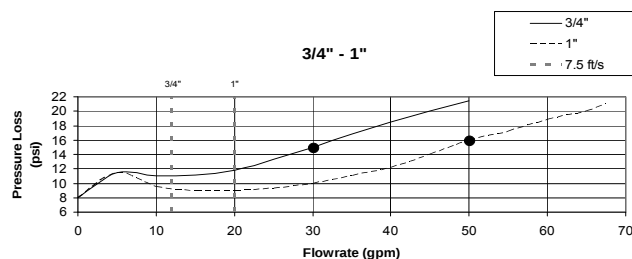
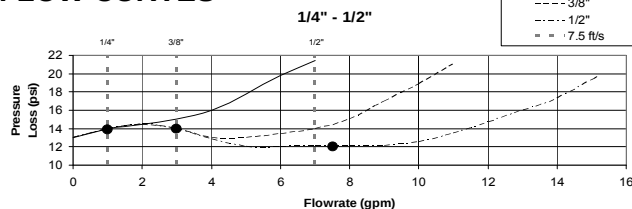
ASSE® 1013, CSA® B64.4, IAPMO, USC's FCCC&HR, AWWA C-511, and UL (less ball valves only).

PERFORMANCE RATING

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



FLOW CURVES



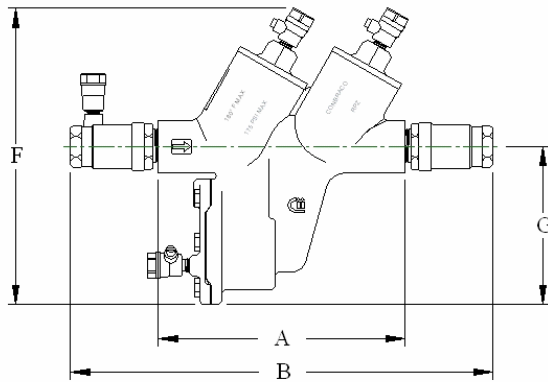
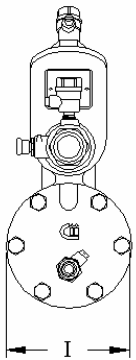
Model RP40/ RP40N/ RP40Z

REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER

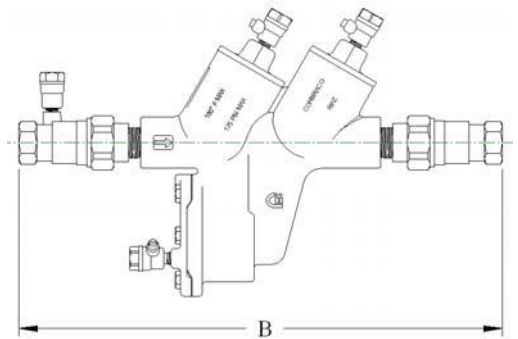
DIMENSIONS (in.) – WEIGHTS (lbs.)

Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A	5 3/4	5 3/4	5 3/4	8	8	11	11	11
B*	10 1/4	10 1/4	10 1/4	13 3/4	15 3/8	17 1/2	19 1/2	21 1/2
B* (w/ union end bv's)	11 3/4	11 3/4	11 3/4	15 7/8	17 3/8	21 1/2	23	25 3/8
C*	13	13 13/16	13 13/16	18 1/2	21	23 9/16	26 3/8	29 9/16
C* (w/ union end bv's)	14 1/2	15 1/4	15 1/4	20 5/8	23	27 5/8	30	33 3/8
D*	n/a	n/a	n/a	10 1/2	10 11/16	14 3/16	15 1/8	15 3/4
E*	n/a	n/a	n/a	13 7/8	15 1/8	19	20 3/4	22 1/8
F*	6 7/8	6 7/8	6 7/8	9 3/4	9 3/4	12 5/8	12 5/8	12 5/8
G	3 3/4	3 3/4	3 3/4	5 1/8	5 1/8	7 1/8	7 1/8	7 1/8
H*	n/a	n/a	n/a	4 1/8	5 3/16	6	6 5/8	7 5/8
I	2 5/8	2 5/8	2 5/8	4 1/16	4 1/16	5 3/8	5 3/8	5 3/8

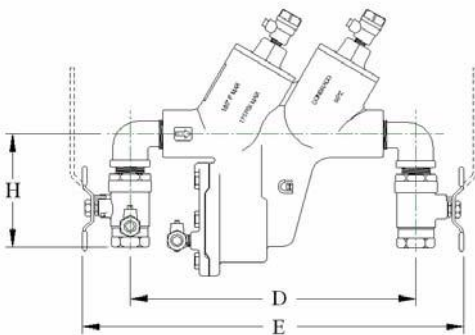
*Dimensions shown are for reference only.



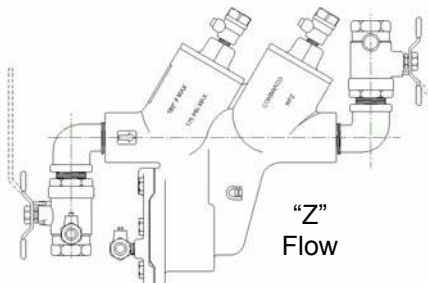
Standard



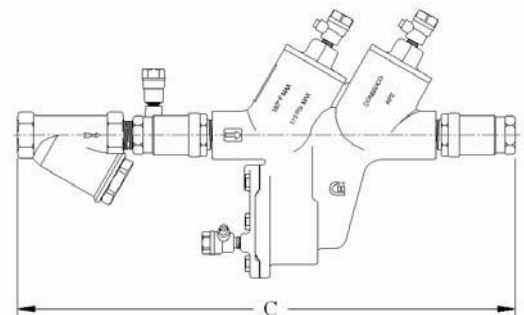
Standard
(with union-end ball valves)



"N"
Flow



"Z"
Flow



Standard
(with strainer)