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** – ¼" ❒ **4** – ¾" ❒ **7** – 1 ½"
❒ **2** – ⅜" ❒ **5** – 1" ❒ **8** – 2"
❒ **3** – ½" ❒ **6** – 1 ¼"

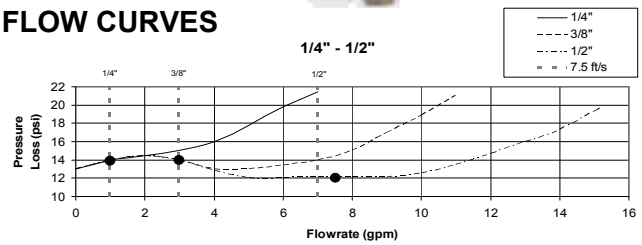
OPTIONS	
SUFFIX	**DESCRIPTION**
T1	Less ball valves (UL Listed)
T2	With ball valves (standard)
T2F	With SAE flare test cock fittings (3/4" & 1" only)
T2N	With ball valves; "N" flow - Model RP40N
T2Z	With ball valves; "Z" flow - Model RP40Z
T2LL	With ball valves; locking lever handles
T4	With union-end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

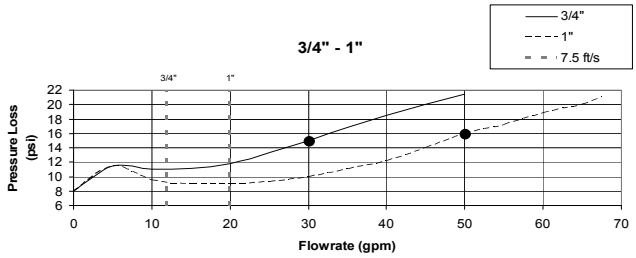
APPROVALS
ASSE® 1013, CSA® B64.4, IAPMO, USC's FCCC&HR, AWWA C-511, and UL (less ball valves only).

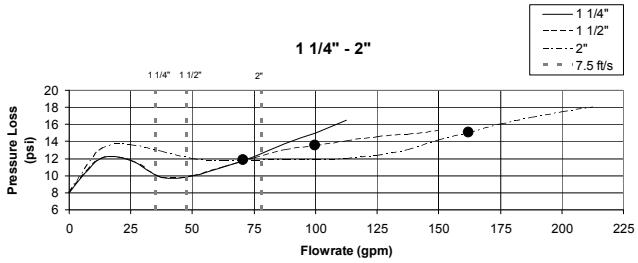
PERFORMANCE RATING
Maximum Working Pressure 175 psi
Hydrostatic Test Pressure 350 psi
Temperature Range 33 °F – 180 °F



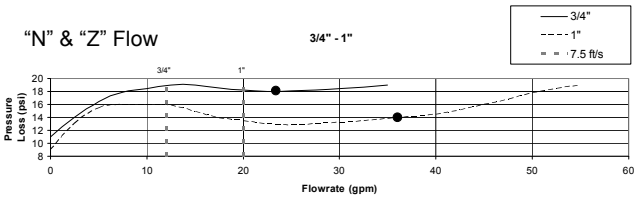
FLOW CURVES



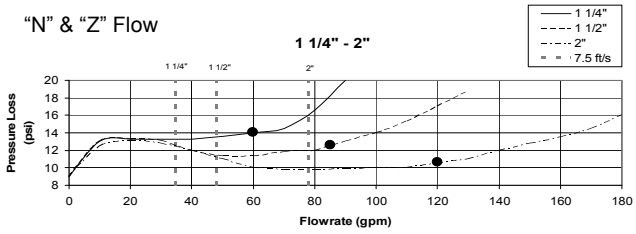




"N" & "Z" Flow



"N" & "Z" Flow



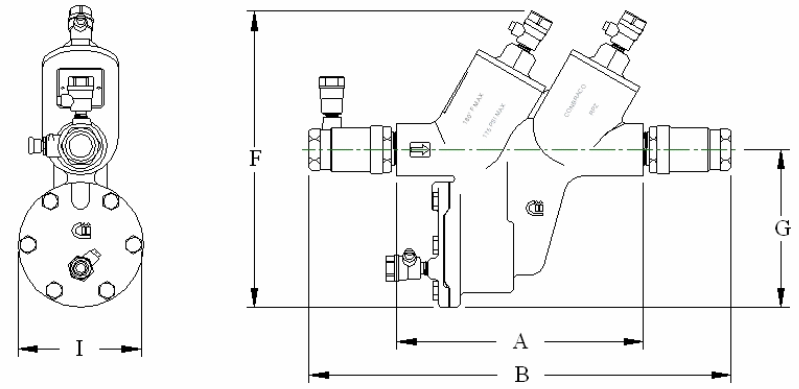
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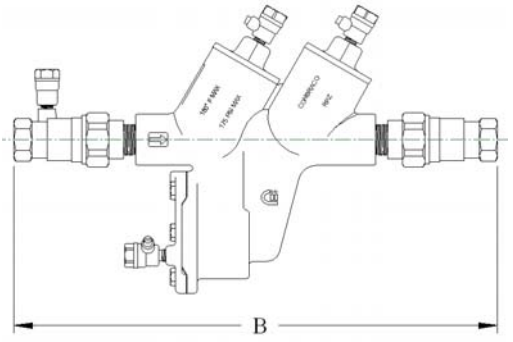
DIMENSIONS (in.) – WEIGHTS (lbs.)

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

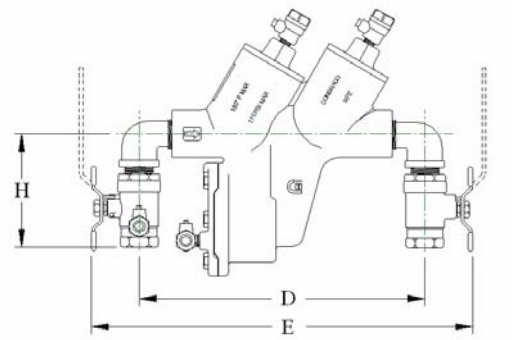
*Dimensions shown are for reference only.



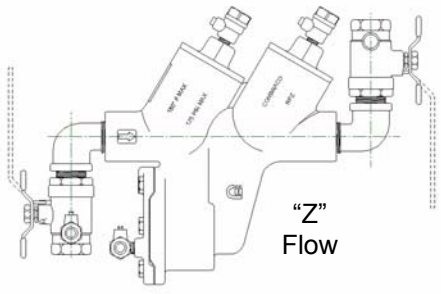
Standard



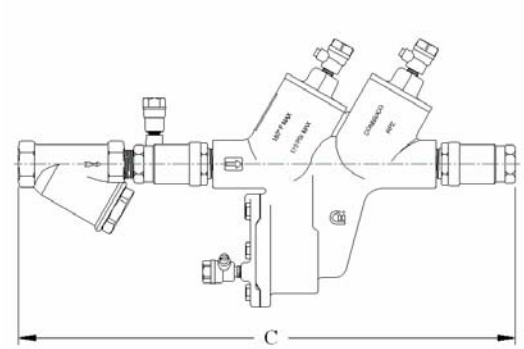
Standard
(with union-end ball valves)



"N"
Flow



"Z"
Flow



Standard
(with strainer)

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