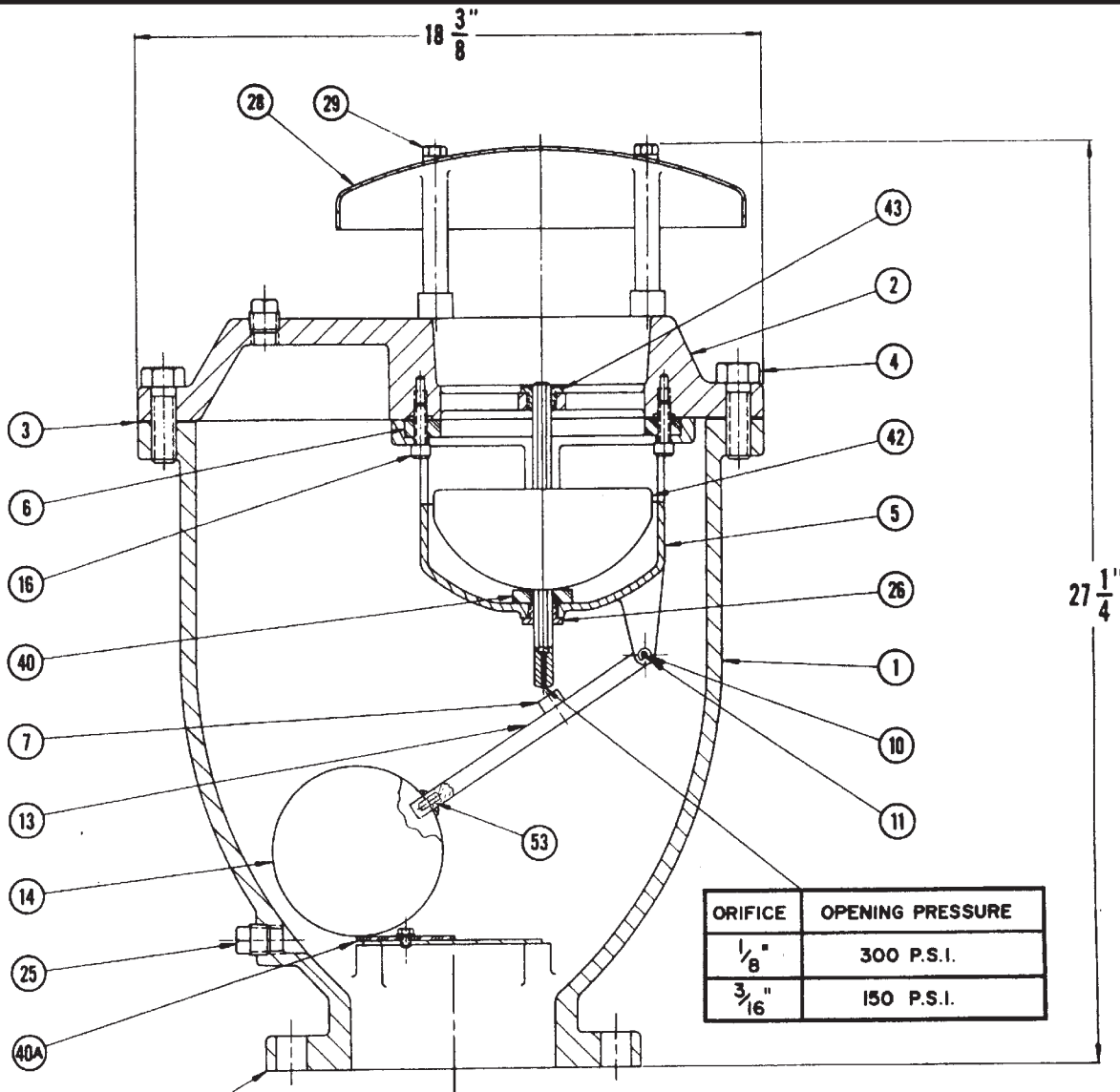


6"-150C COMBINATION AIR VALVE



CERTIFIED BY:

DATE:

WIDTH = 13"

ORIFICE	OPENING PRESSURE
1/8"	300 P.S.I.
3/16"	150 P.S.I.

CLASS	WEIGHT
125 lb.	205 lbs.
250 lb.	226 lbs.

AVAILABLE IN
125 lb. & 250 lb.
6" FLANGE

DET.	DESCRIPTION	MATERIAL
1	BODY	CAST IRON
2	COVER	CAST IRON
3	COVER GASKET	LEXIDE
4	COVER BOLTS	STEEL
5	LEVERAGE FRAME	CAST IRON
6	SEAT	BUNA-N
7	NEEDLE	BUNA-N
10	LEVER PIN	S.S.
11	RETAINING RING	S.S.
13	FLOAT LEVER	S.S.

DET.	DESCRIPTION	MATERIAL
14	FLOAT	S.S.
16	LEVERAGE FRAME SCREWS	S.S.
25	PIPE PLUG	CAST IRON
26	FLOAT GUIDE BUSHING	S.S.
28	PROTECTIVE HOOD	STEEL
29	HOOD SCREWS	STEEL
40	BUMPER	BUNA - N
40 A	BUMPER ASS'Y.	BUNA - N & S.S.
42	PLUG	S.S.
43	FLOAT GUIDE BUSHING	S.S.
53	FLOAT RETAINING SCREW	S.S.

DATE
09-01-03



DRWG. NO.
S-150C

SPECIFICATIONS OTHER SIDE



SPECIFICATIONS

6" - 150C COMBINATION AIR VALVE

Combination Air Valve (single body, double orifice) allows large volumes of air to escape out the large 6" diameter air vacuum orifice when filling a pipeline and close water tight when the liquid enters the valve. During large orifice closure, the small 1/8" diameter air release orifice will open to allow small pockets of air to escape automatically and independently of the large orifice.

The large air vacuum orifice shall also allow large volumes of air to enter through the orifice during pipeline drainage to break the vacuum. The body inlet must be baffled to protect the lower float from direct contact of the rushing air and water to prevent premature valve shut-off. The top large orifice plug must be protected in similar manner for the same purpose.

The Buna-N seat must be fastened to the valve cover without distortion for drop tight shutoff. The float shall be heavy stainless steel (hermetically sealed) designed to withstand a minimum of 1000 psi (static). The top plug shall be center guided thru hex bushings for positive shut-off.

Valve exterior to be painted Universal Primer for high resistance to corrosion.

All materials of construction shall be certified in writing to conform to A.S.T.M. specifications as follows:

Body & cover	Cast Iron	ASTM A126, Gr B
Float*	Stainless Steel	ASTM A240
Needle	Buna-N	
Plug	Stainless steel	ASTM A240
Leverage frame	Cast iron	ASTM A48, Class 30

*** Float design may vary on certain sizes**

Note: Other materials available.

Valve to be APCO Model 6" 150C Combination Air Valve as manufactured by Valve & Primer Corporation Schaumburg, Illinois, U.S.A.