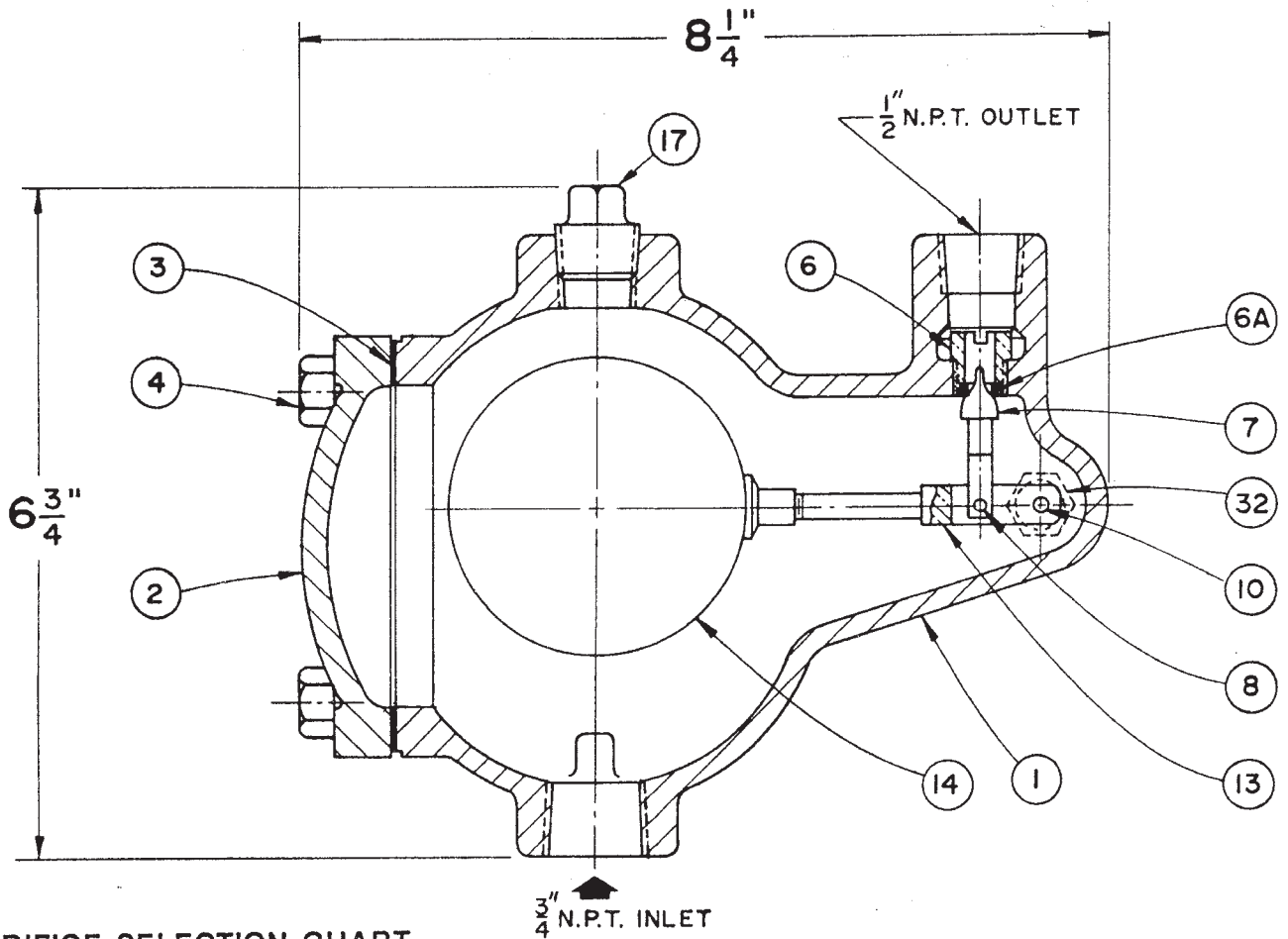


3/4" -65 AIR RELEASE VALVE



ORIFICE SELECTION CHART

WORKING PRESS., PSI	STD. ORIFICE SIZE	MAX. VENTING CAPACITY, CFFAM	
0 TO 150	1/8	22	<input checked="" type="checkbox"/> STD.
0 TO 125	5/32	30	<input type="checkbox"/>
0 TO 100	3/16	35	<input type="checkbox"/>
0 TO 75	7/32	37	<input type="checkbox"/>

WIDTH = 4"
WEIGHT = 9 LBS.

DET.	DESCRIPTION	MATERIAL
1	BODY	CAST IRON
2	COVER	CAST IRON
3	COVER GASKET	LEXIDE
4	COVER BOLTS	STEEL
6	SEAT	BRASS
6A	INSERT	BUNA - N
7	NEEDLE	BRASS
8	NEEDLE PIN	STAINLESS STEEL
10	LEVER PIN	BRASS
13	FLOAT LEVER	BRASS
14	FLOAT	STAINLESS STEEL
17	1/2" PIPE PLUG	CAST IRON
32	SIDE PLUG	BRASS

CERTIFIED BY: _____

DATE: _____

DATE
09-01-03



DRWG. NO.
S-65

SPECIFICATIONS OTHER SIDE



SPECIFICATIONS

3/4" - 65 AIR RELEASE VALVE

The Automatic Air Release Valve shall operate (open) under pressure and allow entrapped air to escape from a pipeline, pump, tank or water system. After air escapes out of the Air Release Valve orifice, the orifice shall close by means of a simple lever mechanism to prevent water from escaping. The orifice will stay closed until more air accumulates inside and the open cycle will repeat automatically.

The needle shall be brass, positively guided into the seat orifice for tight shut-off. The seat shall be brass with a Buna-N insert and a minimum 1/8" orifice for 150 psi working pressure and 300 psi shell test. The brass seat shall be slotted and be removable and replaceable without dismantling the main valve. The Air Release Valve must have a stainless steel float designed to withstand a pressure of 1000 psi (static).

The Air Release Valve shall have a 3/4" NPT inlet and a 1/2" NPT outlet and a 1/2" NPT accessory connection with a removable plug for future mounting of a test gauge or test cock.

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
Internal parts	Brass	ASTM B16
Float	Stainless steel	ASTM A240
Exterior Paint	Universal Primer	FDA Approved for Potable Water

Valve to be APCO Model 65 Air Release Valve, as manufactured by Valve & Primer Corporation, Schaumburg, Illinois, U.S.A.