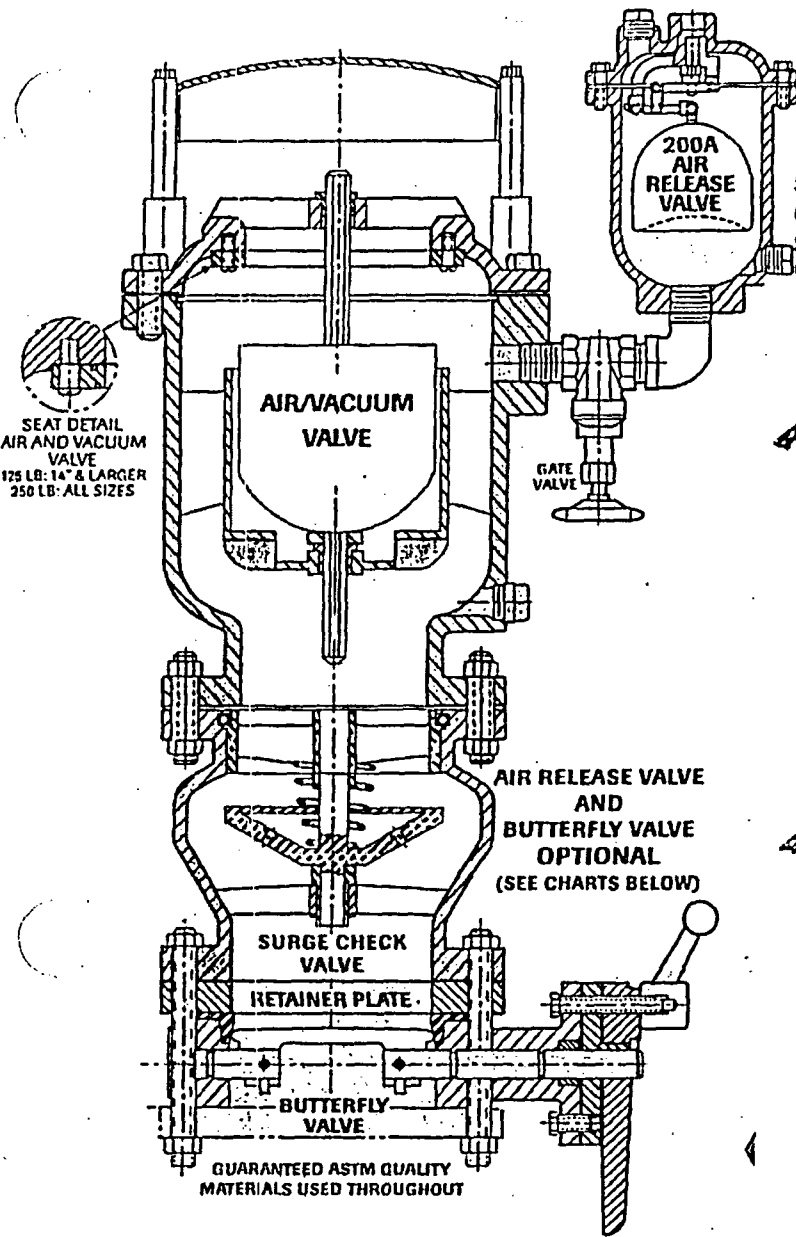


# HOW TO SELECT APCO SLOW CLOSING AIR/VACUUM VALVES

**STEP ONE:** CHECK PUMP CURVE FOR G.P.M. CAPACITY AT NO HEAD CONDITION.  
**STEP TWO:** ENTER CHART WITH G.D.M. TO DETERMINE SIZE.



← THIS THE "float" VALVE THAT SEALS the vacuum breaker. THIS float failed causing the 2000 GVENT.

← THIS SURGE VALVE DID NOT EXIST PRIOR TO 2000. IT WAS ADDED AS A CORRECTIVE MEASURE AFTER THE 2000 EVENT TO PROTECT THE float VALVE.

' DISCHARGE  
VED OR  
ED ONLY.

PERIODS  
RELEASE

installations.  
partment.

(IONAL)  
RELEASE  
/E NO.

200A
200A
200A
200
200
200
200

maintained  
ready in scr-

- APCO AIR/VACUUM VALVE**  
Stainless Steel float and trim, synthetic, non-destructible seat. Positively will not blow shut even at maximum discharge velocities. (Regular 125 lb. or 250 lb. flange mates with similar flange on Surge Check Unit)
- APCO SURGE CHECK VALVE**  
Bronze trim and Stainless Steel spring for ultimate in protection.

- APCO AIR RELEASE VALVE**  
Will open while line is in operation against pressures up to 300 PSI to exhaust small pockets of entrained air. Stainless Steel Concave Float. (Higher pressure valves available.)
- Simplicity of design - no delicate needle valves to fail or need adjustment. Positively will not blow shut.

- REPLACE SHUT-OFF VALVE WITH APCO BUTTERFLY VALVE**  
Costs to excavate pipeline trenches can be greatly reduced by using APCO Butterfly Valves for isolation instead of gate valves. APCO Butterfly Valves are economical, reliable and much shorter, permitting a reduction in depth of the trench.

## SERIES 1900

AIR/VACUUM VALVE & SURGE CHECK VALVE

VALVE SIZE	MODEL NO.	MAX. DIAM.	HEIGHT	
			125 LB	250 LB
4"	1904	11"	25"	25"
6"	1906	13"	30"	30"
8"	1908	17"	34"	35"
10"	1910	20"	38"	39"
12"	1912	23"	45"	45"
14"	1914	23"	46"	46"
16"	1916	32"	49"	49"

SIZES 3" & SMALLER, SEE BULLETIN 586

## SERIES 1700

AIR/VACUUM VALVE, SURGE CHECK VALVE & AIR RELEASE VALVE

MODEL NO.	WIDTH	HEIGHT	
		125 LB	250 LB
1704	19"	27"	28"
1706	22"	31"	32"
1708	25"	34"	35"
1710	27"	38"	39"
1712	32"	45"	45"
1714	41"	45"	45"
1716	45"	49"	49"

LARGER SIZES READILY AVAILABLE - CONTACT FACTORY.

## SERIES 1300

AIR/VACUUM VALVE, SURGE CHECK VALVE & BUTTERFLY VALVE

MODEL NO.	WIDTH	HEIGHT	
		125 LB	250 LB
1304	15"	28"	29"
1306	18"	34"	34"
1308	23"	40"	41"
1310	25"	45"	45"
1312	28"	54"	54"
1314	31"	55"	55"
1316	33"	60"	60"

## SERIES 1200

AIR/VACUUM VALVE, SURGE CHECK VALVE, AIR RELEASE & BUTTERFLY VALVE

MODEL NO.	WIDTH	HEIGHT	
		125 LB	250 LB
1204	19"	30"	30"
1206	22"	35"	36"
1208	25"	41"	42"
1210	27"	45"	46"
1212	32"	50"	50"
1214	41"	52"	52"
1216	45"	55"	55"

SLOW CLOSING AIR/VACUUM VALVES

AIR VALVES