



PowerSeal
PIPELINE PRODUCTS CORPORATION



POWER VALVES

PowerSeal Model & letter designation	APCO		CRISPIN		VAL-MATIC		INLET X OUTLET	
5401 AIR RELEASE	A	--	--	M3 & M5		15	150 psi	3/4 x 3/8
	B	55	150 psi	M8 & M10		22	150 psi	1/2 x 1/2
	C	65	150 psi	--		25	150 psi	3/4 x 1/2
	D	200A	150 psi	P10	150 psi	38	150 psi	1 x 1/2
	E	200A	150 psi	P10 A	150 psi	38	150 psi	2 x 1/2
	F	200A	300 psi	P10	300 psi	38	300 psi	1 x 1/2
	G	200A	200 psi	P10 A	200 psi	38	200 psi	2 x 1/2
	H	200	150 psi	P20	150 psi	45	150 psi	2 x 1
	I	200	300 psi	P20	300 psi	45	300 psi	2 x 1
	J	200	500 psi	HP20 A&B	500 psi	50	500 psi	2 x 1
	K	205	800 psi	HP20C	800 psi	50HP	800 psi	2 x 1
5402 AIR & VACUUM	A	142 150 or 300 psi		A-10		101 150 or 300 psi		1 x 1
	B	144 150 or 300 psi		A-20		102 150 or 300 psi		2 x 2
	C	146 150 or 300 psi		A-30		103 150 or 300 psi		3 x 3
	D	152 150 or 300 psi		A-41 & A-42		104 150 or 300 psi		4 x 4
	E	153 150 or 300 psi		A-61 & A-62		106 150 or 300 psi		6 x 6
	F	154 150 or 300 psi		A-81 & A-82		108 150 or 300 psi		8 x 8
	G	155 150 or 300 psi		A-101 & A-82		110 150 or 300 psi		10 x 10
	H	156 150 or 300 psi		--		112 150 or 300 psi		12 x 12
5403 COMBINATION	A	143C 300 psi		U10		201C 300 psi		1 x 1
	B	145C 300 psi		U20		202C 300 psi		2 x 2
	C	147C 300 psi		U30		203C 300 psi		3 x 3
	D	149C 300 psi		U41		204C 300 psi		4 x 4
	E	152/200A 125 FLG		C41		104/38 125 FLG		4 x 4
	F	152/200A 250 FLG		C42		104/38 250 FLG		4 x 4
	G	153/200A 125 FLG		C61		106/38 125 FLG		6 x 6
	H	153/200A 250 FLG		C62		106/38 250 FLG		6 x 6
	I	154/200A 125 FLG		C81		108/38 125 FLG		8 x 8
	J	155/200A 250 FLG		C82		108/38 250 FLG		8 x 8
	K	155/200A 125 FLG		--		110/38 125 FLG		10 x 10
	L	155/200A 250 FLG		--		110/38 250 FLG		10 x 10
	M	156/200A 125 FLG		--		112/38 125 FLG		12 x 12
	N	156/200A 250 FLG		--		112/38 250 FLG		12 x 12
5404 SEWAGE	A	400		S20		48		2 x 1/2
	AF	400WA		S20B		48 BWA		2 x 1/2
	B	400		S30		48		3 x 1/2
	BF	400WA		S30B		48 BWA		3 x 1/2
	C	400		S40		48		4 x 1/2
	CF	400WA		S40B		48 BWA		4 x 1/2
5406 SEWAGE AIR & VACUUM	A	401		--		301		2 x 1
	AF	401WA		--		301 BWA		2 x 1
	B	402		S20A		302		2 x 2
	BF	402WA		S20AB		302 BWA		2 x 2
	C	403		S30A		303		3 x 3
	CF	403WA		S30AB		303 BWA		3 x 3
5407 COMBINATION SEWAGE	A	400/401		--		48/301		2 x 1
	AF	400/401W		--		48/301 BWA		2 x 1
	B	400/402		S20/20A		48/302		2 x 2
	BF	400/402WA		S20/S20AB		48/302 BWA		2 x 2
	C	400/403		S30/S30A		48/303		3 x 3
	CF	400/403WA		S30/S30AB		48/303 BWA		3 x 3
5408 WELL SERVICE	A	141WD		D5		100 DWS		1/2 x 1/2
	B	142WD		D10		101DWS		1 x 1
	C	144WD		D20		102 DWS		2 x 2
	D	146WD		D30		103 DWS		3 x 3
	E	1604-152		D41 & D42		104 DWS		4 x 4
	F	1606-153		D61 & D62		106 DWS		6 x 6

AIR RELEASE VALVE

Air Release Valves are intended to release pockets of air as they accumulate at high points during system operation.

Air Release Valves open and release accumulated air under pressure through the use of a leverage mechanism. When the float is not longer buoyant, this mechanism produces a greater force to open the valve than the system pressure produces against the valve orifice.

For air release valve sizing, the higher the system pressure, the smaller the orifice diameter must be to allow the valve to open and release accumulated air conversely, for a lower system pressure, a larger orifice diameter must be used.

AIR/VACUUM VALVE

As a line is being filled with water, Air/Vacuum Valves mounted at high points in the system air present in the pipeline. After all the air has been exhausted, water from the pipeline will enter the valve, lift the float and close the valve orifice.

At some time during the system operation, should the internal pressure of the pipe approach a negative value due to column separation, draining of the pipeline, power outage, pipeline break, etc., the float will immediately drop away from the orifice, and allow a flow of air to re-enter the pipeline, which will minimize the potential vacuum and protect the pipeline against collapse or other related damage.

Even though the entire valve may eventually fill with air, the Air/Vacuum Valve will not open, as it is intended to only exhaust air during pipeline fill and to admit air during pipeline drain.

COMBINATION AIR VALVE

As the name implies, this valve combines the operating features of both an Air Release and Air-Vacuum Valve. It is utilized at those high points within a system where it has been determined that the functions of both Air Released and Air/Vacuum Valves are needed to properly vent and protect a pipeline.

MODEL 5401 AIR RELEASE VALVE

BODY: Cast Iron per ASTM A48, Class 35.

COVER: Cast Iron per ASTM A48, Class 35.

FLOAT: Type 304 (18-8) Stainless Steel per ASTM A240.

ORIFICE BUTTON: Viton per ASTM D2000.

LEVER ASSEMBLY: Type 304 (18-8) Stainless Steel per ASTM A240 and A276.



Inlet Size NPT	Letter Code	Maximum Operating Pressure	Part Number	Standard Value	Part Number	Value With Vacuum Check	Weight	
		PSI					lbs.	kgs.
1/2	A	175	5401A0005000	\$150.60	-	N/A	6	3
3/4	A	175	5401A0007500	\$150.60	-	N/A	6	3
1	A	175	5401A0010000	\$164.70	-	N/A	6	3
1/2	B	175	5401B0005000	\$248.60	5401B00050VC	\$293.00	8	4
3/4	B	175	5401B0007500	\$248.60	5401B00075VC	\$293.00	8	4
1	B	175	5401B0010000	\$259.70	5401B00100VC	\$304.40	8	4
1/2	B	300	5401B0005300	\$273.40	5401B00053VC	\$318.10	8	4
3/4	B	300	5401B0007300	\$273.40	5401B00073VC	\$318.10	8	4
1	B	300	5401B0010300	\$273.40	5401B00103VC	\$318.10	8	4
3/4	C	150	5401C0007500	\$373.90	5401C00075VC	\$418.70	12	5
1	C	150	5401C0010000	\$373.90	5401C00100VC	\$418.70	12	5
3/4	C	300	5401C0075300	\$404.60	5401C00753VC	\$449.10	12	5

Inlet Size NPT	Letter Code	Maximum Operating Pressure	Part Number	Standard Value	Part Number	Value With Vacuum Check	Weight	
		PSI					lbs.	kgs.
1	C	300	5401C0010300	\$404.60	5401C00103VC	\$449.86	12	5
1	D	150	5401D0010000	\$443.80	5401D00100VC	\$488.14	24	11
2	E	150	5401E0020000	\$468.70	5401E00200VC	\$513.86	24	11
1	F	300	5401F0010000	\$477.29	5401F00100VC	\$521.86	24	11
2	G	300	5401G0020000	\$505.00	5401G00200VC	\$549.71	24	11
2	H	150	5401H0020000	\$856.40	5401H00200VC	\$928.86	48	22
3	H	150	5401H0030000	\$1,096.40	5401H00300VC	\$1,168.86	53	24
2	I	300	5401I0020000	\$915.10	5401I00200VC	\$987.57	48	22
3	I	300	5401I0030000	\$1,138.10	5401I00300VC	\$1,210.71	53	24
2	J	500	5401J0020000	\$1,785.10	5401J00200VC	\$1,908.00	72	33
2	K	800	5401K0020000	\$2,399.14	5401K00200VC	\$2,521.86	77	35
3/4	C	300	5401C0075300	\$404.60	5401C00753VC	\$449.10	12	5

MODEL 5402 AIR/VACUUM VALVE

BODY: Cast Iron per ASTM A48, Class 35.

COVER: Cast Iron per ASTM A48, Class 35.

FLOAT: Type 304 (18-8) Stainless Steel per ASTM A240.

ORIFICE BUTTON: Nitrile (Buna-N) per ASTM D2000.

LEVER ASSEMBLY: Type 304 (18-8) Stainless Steel per ASTM A240 and A276.



NPT INLET AND OUTLET

Inlet Size NPT	Letter Code	Part Number	150 PSI WP List Price	Part Number	300 PSI WP List Price	Weight	
						lbs.	kgs.
1/2	AA	5402AA005000	\$336.10	5402AA005300	\$395.90	15	7
1	A	5402A0010000	\$411.50	5402A0010300	\$485.40	24	11
2	B	5402B0020000	\$708.00	5402B0020300	\$828.60	50	23
3	C	5402C0030000	\$1,085.60	5402C0030300	\$1,177.30	55	25

FLANGED INLET AND PLAIN HOODED OUTLET

Flanged Inlet Size	Letter Code	Part Number	ANSI Class 125 List Price	Weight	
				lbs.	kgs.
4	D	5402D0040000	\$1,905.60	105	48
6	E	5402E0060000	\$2,817.10	160	73
8	F	5402F0080000	\$4,538.00	208	94
10	G	5402G0100000	\$6,201.70	370	168
12	H	5402H0120000	\$10,903.50	555	252
14	I	5402I0140000	\$14,427.90	670	304
16	J	5402J0160000	\$28,373.10	860	390

Flanged Inlet Size	Letter Code	Part Number	ANSI Class 250 List Price	Weight	
				lbs.	kgs.
4	D	5402D0040250	\$2,200.00	115	52
6	E	5402E0060250	\$3,330.10	176	80
8	F	5402F0080250	\$4,897.50	237	108
10	G	5402G0100250	\$7,308.10	405	184
12	H	5402H0120250	\$12,739.20	601	273
14	I	5402I0140250	\$17,235.20	710	322
16	J	5402J0160250	\$32,033.70	945	429

MODEL 5402 AIR/VACUUM VALVE

FLANGED INLET AND THREADED OR FLANGED HOODED OUTLET*

Flanged Inlet Size	Letter Code	Part Number	NPT Outlet List Price	Weight	
				lbs.	kgs.
4	D	5402D00400NP	\$2,145.30		48
6	E	5402E00600NP	\$3,129.50		73
8	F	N/A	-	-	-
10	G	N/A	-	-	-
12	H	N/A	-	-	-
14	I	N/A	-	-	-
16	J	N/A	-	-	-

Flanged Inlet Size	Letter Code	Part Number	Flanged Outlet List Price	Weight	
				lbs.	kgs.
4	D	5402D004000F	\$2,249.50	105	48
6	E	5402E006000F	\$3,181.60	160	73
8	F	5402F008000F	\$5,272.40	208	94
10	G	5402G010000F	\$6,961.90	370	168
12	H	5402H012000F	\$11,752.10	555	252
14	I	5402I014000F	POA	670	304
16	J	5402J016000F	POA	860	390

*The valves listed have ANSI Class 125 Inlet and Outlet Flanges. Other options are available.

MODEL 5403 COMBINATION VALVE (SINGLE BODY)

BODY: Cast Iron per ASTM A48, Class 35.

COVER: Cast Iron per ASTM A48, Class 35

FLOAT: Type 304 (18-8) Stainless Steel per ASTM A240.

ORIFICE BUTTON: Viton per ASTM D2000.

FULL PORT SEAT: Nitrile (Buna-N) per ASTM D2000.

LEVER ASSEMBLY: Type 304 (18-8) Stainless Steel per ASTM A240 and A276.



SINGLE BODY THREADED INLET AND OUTLET

Inlet Size NPT	Letter Code	Part Number	Stainless Trim List Price	Weight	
				lbs.	kgs.
1	A	5403A0010000	\$658.80	41	19
2	B	5403B0020000	\$986.90	75	34

Inlet Size NPT	Letter Code	Part Number	Stainless Trim List Price	Weight	
				lbs.	kgs.
3	C	5403C0030000	\$1,939.60	112	51
4	D	5403D0040000	\$2,572.30	161	73

SINGLE BODY FLANGED INLET AND OUTLET

Inlet Size NPT	Letter Code	Part Number	ANSI Class 125 List Price	Weight	
				lbs.	kgs.
3	C	5403C0030125	\$2,087.90	126	57
4	D	5403D0040125	\$2,705.20	180	82

Inlet Size NPT	Letter Code	Part Number	ANSI Class 250 List Price	Weight	
				lbs.	kgs.
3	C	5403C0030250	\$2,103.60	132	60
4	D	5403D0040250	\$2,804.30	190	86

SINGLE BODY FLANGED INLET AND PLAIN HOODED OUTLET

Inlet Size NPT	Letter Code	Part Number	ANSI Class 125 List Price	Weight	
				lbs.	kgs.
6	E	5403E0060000	\$4,004.30	225	102
8	F	5403F0080000	\$5,154.90	325	147

Inlet Size NPT	Letter Code	Part Number	ANSI Class 250 List Price	Weight	
				lbs.	kgs.
6	E	5403E0060250	\$4,215.20	241	109
8	F	5403F0080250	\$5,689.20	355	161

MODEL 5403 COMBINATION VALVE

DUAL BODY THREADED INLET AND OUTLET

Inlet Size NPT	Letter Code	Part Number	ANSI Class 125 List Price	Weight	
				lbs.	kgs.
1	A	5403A0010000-D	\$718.50	32	15
2	B	5403B0020000-D	\$1,041.50	58	26
3	C	5403C0030000-D	\$1,314.90	63	29

Inlet Size NPT	Letter Code	Part Number	ANSI Class 250 List Price	Weight	
				lbs.	kgs.
1	A	5403A0010250-D	\$784.00	35	16
2	B	5403B0020250-D	\$1,101.60	65	29
3	C	5403C0030250-D	\$1,447.50	72	33

DUAL BODY WITH FLANGED INLET AND PLAIN HOODED OUTLET

Inlet Size NPT	Letter Code	Part Number	ANSI Class 125 List Price	Weight	
				lbs.	kgs.
4	D	5403D0040000-D	\$2,515.10	133	60
6	E	5403E0060000-D	\$3,363.90	188	85
8	F	5403F0080001-D	\$5,019.70	236	107
8	F	5403F0080002-D	\$5,683.60	260	118
10	G	5403G0100001-D	POA	398	181
10	G	5403G0100002-D		422	191
12	H	5403H0120001-D		590	268
12	H	5403H0120002-D		614	279
14	I	5403I0140001-D		698	317
14	I	5403I0140002-D		722	327
16	J	5403J0160001-D		888	403
16	J	5403J0160002-D		912	414

Inlet Size NPT	Letter Code	Part Number	ANSI Class 250 List Price	Weight	
				lbs.	kgs.
4	D	5403D0040250-D	\$2,871.70	142	64
6	E	5403E0060250-D	\$4,007.20	205	93
8	F	5403F0082501-D	\$5,464.80	266	121
8	F	5403F0082502-D	\$6,201.70	290	132
10	G	5403G0102501-D	POA	438	199
10	G	5403G0102502-D		462	210
12	H	5403H0122501-D		637	289
12	H	5403H0122502-D		661	300
14	I	5403I0142501-D		738	335
14	I	5403I01425002-D		762	346
16	J	5403J0162501-D		973	441
16	J	5403J0162502-D		997	452

MODEL 5404 AIR RELEASE VALVE

BODY: Cast Iron per ASTM A48, Class 35.

COVER: Cast Iron per ASTM A48, Class 35.

FLOAT: Type 304 (18-8) Stainless Steel per ASTM A240.

ORIFICE BUTTON: Viton per ASTM D2000.

LEVER ASSEMBLY: Type 304 (18-8) Stainless Steel per ASTM A240 and A276.

THREADED INLET AND OUTLET



Inlet Size NPT	Letter Code	Part Number	150 PSI WP List Price	Part Number	75 PSI WP List Price	Weight	
						lbs.	kgs.
2	A	5404A0020000	\$827.90	5404A0020075	\$874.80	42	19
3	B	5404B0030000	\$945.20	5404B0030075	\$1,013.20	47	21
4	C	5404C0040000	\$1,145.50	5404C0040075	\$1,213.20	45	20
2	AS	5404AS020000	\$827.90	5404AS020075	\$874.80	32	15
3	BS	5404BS030000	\$945.20	5404BS030075	\$1,013.20	32	15
4	CS	5404CS040000	\$1,145.50	5404CS040075	\$1,213.20	31	14
2	D	5404D0020000	\$1,130.00	5404D0020075	\$1,202.80	82	37
3	E	5404E0030000	\$1,260.00	5404E0030075	\$1,314.90	81	37
4	F	5404F0400000	\$1,463.20	5404F0400075	\$1,530.70	80	37

AIR RELEASE VALVE WITH BACK WASH ACCESSORIES

Inlet Size NPT	Letter Code	Part Number	150 PSI WP List Price	Part Number	75 PSI WP List Price	Weight	
						lbs.	kgs.
2	A	5404A002000F	\$1,418.90	5404A002075F	\$1,502.40	55	25
3	B	5404B003000F	\$2,072.40	5404B003075F	\$2,192.10	85	39
4	C	5404C004000F	\$3,041.10	5404C004075F	\$3,218.00	102	46
2	AS	5404AS02000F	\$1,405.60	5404AS02075F	\$1,502.40	45	20
3	BS	5404BS03000F	\$2,072.40	5404BS03075F	\$2,192.10	70	32
4	CS	5404CS04000F	\$3,041.10	5404CS04075F	\$3,218.00	88	40
2	D	5404D002000F	\$1,760.00	5404D002075F	\$1,848.40	95	43
3	E	5404E003000F	\$2,424.00	5404E003075F	\$2,468.10	119	54
4	F	5404F040000F	\$3,271.70	5404F040075F	\$3,384.70	138	63

MODEL 5406 AIR/VACUUM VALVE

BODY: Cast Iron per ASTM A48, Class 35.

COVER: Cast Iron per ASTM A48, Class 35.

FLOAT: Type 304 (18-8) Stainless Steel per ASTM A240.

FULL PORT SEAT: Nitrile (Buna-N) per ASTM D2000.

LEVER ASSEMBLY: Type 304 (18-8) Stainless Steel per ASTM A240 and A276.



THREADED INLET AND OUTLET

Valve Size NPT	Letter Code	Part Number	Standard Valve List Price	Weight	
				lbs.	kgs.
2 x 1	A	5406A002000T	\$851.50	44	20
2 x 1	AS	5406AS02000T	\$851.50	40	18
2 x 2	B	5406B002000T	\$1,707.90	83	38
2 x 2	BS	5406BS02000T	\$1,707.90	78	35
3 x 3	C	5406C003000T	\$2,030.90	82	37
4 x 4	D	5406D004000T	\$3,049.10	165	75
6 x 6	E	5406E006000T	\$4,941.60	235	107
8 x 8	F	5406F008000T	POA	320	145

Valve Size NPT	Letter Code	Part Number	Valve with Back Wash Acces- sories List Price	Weight	
				lbs.	kgs.
2 x 1	A	5406A02000BW	\$1,445.20	56	25
2 x 1	AS	5406AS0200BW	\$1,445.20	52	24
2 x 2	B	5406B02000BW	\$2,304.40	95	43
2 x 2	BS	5406BS0200BW	\$2,304.40	90	41
3 x 3	C	5406C03000BW	\$3,150.10	119	54
4 x 4	D	5406D04000BW	\$4,577.10	233	106
6 x 6	E	5406E06000BW	\$6,753.50	351	159
8 x 8	F	5406F00800BW	POA	540	245

FLANGED INLET AND THREADED OUTLET

Valve Size NPT	Letter Code	Part Number	Standard Valve List Price	Weight	
				lbs.	kgs.
4 x 4	D	5406D04000F	\$3,049.10	165	75
6 x 6	E	5406E06000F	\$4,941.60	235	107
8 x 8	F	5406E08000F	POA	320	145

Valve Size NPT	Letter Code	Part Number	Valve with Back Wash Acces- sories List Price	Weight	
				lbs.	kgs.
4 x 4	D	5406D040FBW	\$4,577.10	233	106
6 x 6	E	5406E060FBW	\$6,753.50	351	159
8 x 8	F	5406E080FBW	POA	540	245

MODEL 5407 COMBINATION VALVE

BODY: Cast Iron per ASTM A48, Class 35.

COVER: Cast Iron per ASTM A48, Class 35.

FLOAT: Type 304 (18-8) Stainless Steel per ASTM A240.

ORIFICE BUTTON: Viton per ASTM D2000.

FULL PORT SEAT: Nitrile (Buna-N) per ASTM D2000.

LEVER ASSEMBLY: Type 304 (18-8) Stainless Steel per ASTM A240 and A276.



SINGLE BODY THREADED INLET AND OUTLET

Valve Size NPT	Letter Code	Part Number	Standard Valve List Price	Weight	
				lbs.	kgs.
2 x 1	A	5407A002000S	\$1,567.30	50	23
2 x 1	AL	5407AL00200S	\$1,903.30	80	36
2 x 2	B	5407B002000S	\$2,333.10	85	39
3 x 3	C	5407C003000S	\$2,999.30	160	73
4 x 4	D	5407D004000S	\$3,702.00	175	79

Valve Size NPT	Letter Code	Part Number	Standard Valve List Price	Weight	
				lbs.	kgs.
2 x 1	A	5407A0020001	\$2,119.30	72	33
2 x 1	AL	5407AL002001	\$2,439.30	104	47
2 x 2	B	5407B0020002	\$2,707.60	109	49
3 x 3	C	5407C0030003	\$3,895.20	190	86
4 x 4	D	5407D0040004	\$4,847.70	305	138

THREADED INLET AND OUTLET

Valve Size NPT	Letter Code	Part Number	Standard Valve List Price	Weight	
				lbs.	kgs.
2 x 1	A	5407A002000T	\$2,072.50	95	23
2 x 1	AS	5407AS02000T	\$2,072.50	81	36
2 x 2	B	5407B020000T	\$2,931.50	134	39
2 x 2	BS	5407BS02000T	\$2,931.50	119	73
2 x 2	BB	5407BB02000T	\$3,233.70	174	79
3 x 3	C	5407C003000T	\$3,543.60	151	68
3 x 3	CC	5407CC0300T	\$3,848.00	185	84

Valve Size NPT	Letter Code	Part Number	Standard Valve List Price	Weight	
				lbs.	kgs.
2 x 1	A	5407A0020001	\$3,087.70	122	55
2 x 1	AS	5407AS020001	\$3,087.70	108	49
2 x 2	B	5407B0200002	\$3,678.80	161	73
2 x 2	BS	5407BS020002	\$3,678.80	146	66
2 x 2	BB	5407BB020002	\$3,983.60	201	91
3 x 3	C	5407C0030003	\$5,282.70	226	103
3 x 3	CC	5407CC030003	\$5,581.60	261	118

FLANGED INLET AND OUTLET

Valve Size NPT	Letter Code	Part Number	Standard Valve List Price	Weight	
				lbs.	kgs.
4 x 4	D	5407D040000F	\$4,561.50	205	93
4 x 4	DD	5407DD40000F	\$4,860.80	245	111
6 x 6	E	5407E060000F	\$6,167.90	282	128
6 x 6	EF	5407EF60000F	\$6,470.00	322	146
8 x 8	F	5407F080000F	POA	380	172
8 x 8	FF	5407FF080000F	POA	414	188

Valve Size NPT	Letter Code	Part Number	Standard Valve List Price	Weight	
				lbs.	kgs.
4 x 4	D	5407D0400004	\$6,558.40	287	130
4 x 4	DD	5407DD400004	\$6,857.70	327	148
6 x 6	E	5407E0600006	\$7,860.00	411	186
6 x 6	EF	5407EF600006	\$8,466.80	451	205
8 x 8	F	5407F0800008	POA	610	277
8 x 8	FF	5407FF0800008	POA	646	293

MODEL 5408 WELL SERVICE AIR/VACUUM VALVE

BODY: Cast Iron per ASTM A48, Class 35.
COVER: Cast Iron per ASTM A48, Class 35.
FLOAT: Type 304 (18-8) Stainless Steel per ASTM A240.
FULL PORT SEAT: Nitrile (Buna-N) per ASTM D2000.



Optional Throttling Device

THREADED INLET AND OUTLET

Inlet Size NPT	Letter Code	Part Number	150 PSI WP List Price	Part Number	300 PSI WP List Price	Weight	
						lbs.	kgs.
1/2	A	5408A0050000	\$487.70	5408A0050300	\$484.40	16	7
1	B	5408B0100000	\$499.90	5408B0100300	\$546.80	25	11

Inlet Size NPT	Letter Code	Part Number	150 PSI WP List Price	Part Number	300 PSI WP List Price	Weight	
						lbs.	kgs.
2	C	5408C020000	\$773.30	5408C020300	\$838.30	50	23
3	D	5408D030000	\$1,104.00	5408D030300	\$1,205.60	56	25

125# FLANGED INLET AND THREADED OUTLET

Inlet Size NPT	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
4	E	5408E0600125	\$3,678.80	5408E0600125-S	\$3,184.40	159	72
6	F	5408F0600125	\$5,774.40	5408F0600125-S	\$4,873.70	248	112
8	G	5408G0800125	\$9,260.90	5408G0800125-S	\$7,882.90	355	161

Inlet Size NPT	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
10	H	5408H100125	\$13,077.50	5408H100125-S	\$10,554.50	605	274
12	I	5408I0120125	\$21,044.30	5408I01200125-S	\$17,151.20	925	420

250# FLANGED INLET AND THREADED OUTLET

Inlet Size NPT	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
4	E	5408E0400250	\$4,194.50	5408E0400250-S	\$3,751.70	174	79
6	F	5408F0600250	\$6,670.30	5408F0600250-S	\$5,810.90	279	127
8	G	5408G0800250	\$10,604.30	5408G0800250-S	\$9,203.50	455	206

MODEL 5408 WELL SERVICE AIR/VACUUM VALVE

250# FLANGED INLET AND THREADED OUTLET

Inlet Size NPT	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
10	H	5408H100250	\$15,571.70	5408H100250-S	\$13,077.50	690	313
12	I	5408I1200250	\$24,600.70	5408I0120250-S	\$20,911.50	1075	488

OPTIONAL THROTTLING DEVICE

Valve Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
1/2	A	5408A005000-T	\$98.80	1	0,5
1	B	5408B010000-T	\$117.10	2	1
2	C	5408C020000-T	\$132.70	5	2

Valve Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
3	A	5408A030000-V	\$4,111.50	12	5
4	B	5408B040000-V	\$461.20	21	10
6	C	5408C060000-V	\$580,80	47	21

NOTE 250#: Flanged valves are furnished with Anti-Slam Device and valve sizes 8" and larger have flanged outlets.

MODEL 5390 GLOBE STYLE METAL SEAT SILENT CHECK VALVES

BODY: Cast Iron per ASTM A126, Class B.

SEAT: Bronze per ASTM B584, CDA-836.

PLUG: Bronze per ASTM B584, CDA-836.

SPRING: Type 304 (18-8) Stainless Steel per ASTM A313.

BUSHING: Bronze per ASTM B584, CDA-932.

RETAINING SCREW: Type 304 (18-8) Stainless Steel per ASTM A276.



125# FLANGED VALVE

Flanged Inlet Size	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
2 1/2	A	5390A02500Z0	\$806.10	5390A02500Z1	\$489.60	24	11
3	B	5390B03000Z0	\$851.50	5390B03000Z1	\$541.60	28	13
4	C	5390C04000Z0	\$1,127.50	5390C04000Z1	\$697.70	43	20
5	D	5390D05000Z0	\$1,640.30	5390D05000Z1	\$952.90	55	25
6	E	5390E06000Z0	\$1,991.70	5390E06000Z1	\$1,148.50	71	32
8	F	5390F08000Z0	\$3,264.80	5390F08000Z1	\$1,786.00	123	56
10	G	5390G01000Z0	\$5,230.70	5390G01000Z1	\$2,640.00	183	83
12	H	5390H02000Z0	\$7,758.10	5390H01200Z1	\$4,152.80	306	139

MODEL 5390 GLOBE STYLE METAL SEAT

Flanged Inlet Size	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
14	I	5390A01400Z0	\$10,025.20	5390A01400Z1	\$5,816.40	380	172
16	J	5390B01600Z0	\$12,726.00	5390B01600Z1	\$8,042.30	501	227
18	K	5390C01800Z0	\$18,989.90	5390C01800Z1	\$12,950.00	724	328
20	L	5390D02000Z0	\$22,689.90	5390D02000Z1	\$15,798.10	890	404
24	M	5390E02400Z0	\$30,036.70	5390E02400Z1	\$21,445.20	1220	553
30	N	5390F03000Z0	POA	5390F03000Z1	POA	2013	913
36	O	5390G03600Z0	POA	5390G03600Z1	POA	4292	1947
42	P	5390H04200Z0	POA	5390H04200Z1	POA	7115	3227

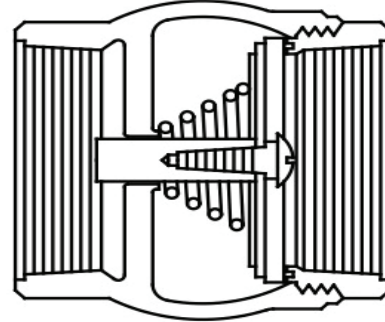
250# FLANGED VALVE

Flanged Inlet Size	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
2 1/2	A	5390A02500Z2	\$1,060.00	5390A02500Z3	\$700.50	30	14
3	B	5390B03000Z2	\$1,215.90	5390B03000Z3	\$749.90	36	16
4	C	5390C04000Z2	\$1,429.60	5390C04000Z3	\$992.10	59	27
5	D	5390D05000Z2	\$2,215.70	5390D05000Z3	\$1,226.40	78	35
6	E	5390E06000Z2	\$2,785.70	5390E06000Z3	\$1,622.30	103	47
8	F	5390F08000Z2	\$4,462.50	5390F08000Z3	\$2,757.30	179	81
10	G	5390G01000Z2	\$6,439.30	5390G01000Z3	\$3,957.50	253	115
12	H	5390H12000Z2	\$9,974.40	5390H12000Z3	\$6,227.60	401	182

Flanged Inlet Size	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
14	I	5390A01400Z2	\$13,069.90	5390A01400Z3	\$8,401.60	511	232
16	J	5390B01600Z2	\$16,912.50	5390B01600Z3	\$11,825.30	697	316
18	K	5390C01800Z2	\$22,640.30	5390C01800Z3	\$16,389.20	959	435
20	L	5390D02000Z2	\$27,308.30	5390D02000Z3	\$19,422.40	1180	535
24	M	5390E02400Z2	\$36,886.70	5390E02400Z3	\$25,683.90	1680	762
30	N	5390F03000Z2	POA	5390F03000Z3	POA	2463	1117
36	O	5390G03600Z2	POA	5390G03600Z3	POA	4970	2254
42	P	5390H04200Z2	POA	5390H04200Z3	POA	8336	3781

MODEL 5396 THREADED STYLE BRONZE BODY * SILENT CHECK

- BODY:** Bronze per ASTM B584, CDA-844.
- DISC & SEAT:** Teflon.
- STEM:** Type 303 Stainless Steel per ASTM A582.
- SPRING:** Type 316 Stainless Steel.
- SEAT SCREW:** Type 430 Stainless Steel per ASTM A276.



200 PSI MAXIMUM PRESSURE

Valve Size NPT	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
1/2	A	5396A00500Z1	\$44.50	0.8	0.3
3/4	B	5396B07500Z1	\$54.80	1.0	1.0
1	C	5396C01000Z1	\$70.40	1.5	1.5

Valve Size NPT	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
1 1/4	D	5396D01250Z1	\$86.00	2.0	0.9
1 1/2	E	5396E01500Z1	\$114.70	2.5	1.1
2	F	5396F02000Z1	\$164.30	4.0	1.8

* Model 5396 with Resilient Seat (Buna-N) available, Priced On Application.

NOTE: Small diameter Bronze Body Threaded End Check Valves are available in sizes 1/2" through 2" for 200 psi service, POA.

MODEL 5397 WAFER STYLE METAL SEAT

- BODY:** Cast Iron per ASTM A126, Class B.
- SEAT:** Bronze per ASTM B584, CDA-836.
- PLUG:** Bronze per ASTM B584, CDA-836.
- SPRING:** Type 304 (18-8) Stainless Steel per ASTM A313.
- BUSHING:** Bronze per ASTM B584, CDA-932.
- RETAINING SCREWS:** Type 304 (18-8) Stainless Steel per ASTM A276.



125# FLANGED VALVE

Flanged Inlet Size	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
2	A	5397A0020000	\$445.30	5397A00200Z1	\$234.40	6	11
2 1/2	B	5397B0025000	\$515.50	5397B00250Z1	\$268.30	7	13
3	C	5397C0030000	\$622.40	5397C00300Z1	\$281.10	11	20
4	D	5397D0040000	\$854.10	5397D00400Z1	\$374.90	18	25

MODEL 5397 WAFER STYLE METAL SEAT

Flanged Inlet Size	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
5	E	5397E0050000	\$1,135.20	5397E00500Z1	\$554.80	29	172
6	F	5397F0060000	\$1,353.70	5397F00600Z1	\$664.30	41	227
8	G	5397G0080000	\$2,353.70	5397G00800Z1	\$1,205.60	80	328
10	H	5397H0100000	\$3,658.00	5397H01000Z1	\$1,882.50	129	404

250# FLANGED VALVE

Flanged Inlet Size	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
8	G	5397G0080250	\$2,705.20	5397G0080250-S	\$1,520.40	86	39

Flanged Inlet Size	Letter Code	Part Number	Stainless Trim List Price	Part Number	Bronze Trim List Price	Weight	
						lbs.	kgs.
10	H	5397H0100250	\$4,074.50	5397H0100250-S	\$2,149.50	137	62

NOTE: Sizes 2"-6" are combination valves suitable for both 125# and 250# applications.

MODEL 5398 FOOT VALVE

- BODY:** Cast Iron per ASTM A126, Class B.
- SEAT:** Bronze per ASTM B584, CDA-836 and Buna-N Rubber.
- PLUG:** Bronze per ASTM B584, CDA-836.
- SCREEN:** Type 304 (18-8) Stainless Steel per ASTM A240.
- BUSHING:** Bronze per ASTM B584, CDA-932.



125# FLANGED VALVE

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
2	A	5398A0020000	\$1,164.10	33	15
2 1/2	B	5398B0025000	\$1,164.10	33	15
3	C	5398C0030000	\$1,169.10	37	17
4	D	5398D0040000	\$1,393.10	57	26
5	E	5398E0050000	\$1,877.10	70	32
6	F	5398F0060000	\$2,108.90	90	41
8	G	5398G0080000	\$3,072.10	153	69
10	H	5398H0100000	\$4,267.30	226	103
12	I	5398I0120000	\$5,975.20	370	168

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
14	J	5398J0140000	\$9,706.00	465	211
16	K	5398K0160000	\$11,302.00	594	269
18	L	5398L0180000	\$16,407.20	844	383
20	M	5398M0200000	\$22,028.70	1045	474
24	N	5398N0240000	\$23,754.50	1430	649
30	O	5398O3000000	POA	2220	1007
36	P	5398P03600000	POA	4615	2093
42	Q	5398Q04200000	POA	7495	3400

MODEL 5981 SPLIT DISC BUTTERFLY CHECK VALVE

BODY: Cast Iron per ASTM A126, Class B.

DISC: Bronze per ASTM B584, CDA-836, or Aluminum Bronze per ASTM B148, CDA-952, or Ductile Iron per ASTM A536 (65-45-12).

SEAL: Buna-N (NBR) per ASTM D2000-BG.

TRIM: Type 316 Stainless Steel per ASTM A276.

SPRING: Type 316, or 17-7 PH Stainless Steel per ASTM A313.



Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
2	A	5981A0020000	\$260.40	5	2
2 1/2	B	5981B0250000	\$302.10	7	3
3	C	5981C0030000	\$322.80	9	4
4	D	5981D0040000	\$416.70	13	6
5	E	5981E0050000	\$635.30	19	9

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
6	F	5981F0060000	\$635.30	26	12
8	G	5981G0080000	\$976.40	49	22
10	H	5981H0100000	POA	85	39
12	I	5981I01200000	POA	141	64
-	-		-	-	-

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
2	A	5981A002000A	\$349.10	5	2
2 1/2	B	5981B025000A	\$382.90	7	3
3	C	5981C003000A	\$406.30	9	4
4	D	5981D004000A	\$526.70	13	6
5	E	5981E005000A	\$755.10	19	9
6	F	5981F006000A	\$768.10	26	12
8	G	5981G008000A	\$1,192.50	49	22
10	H	5981H010000A	\$1,689.90	85	39
12	I	5981I012000A	\$2,280.90	141	64
14	J	5981J014000A	\$4,873.70	187	85

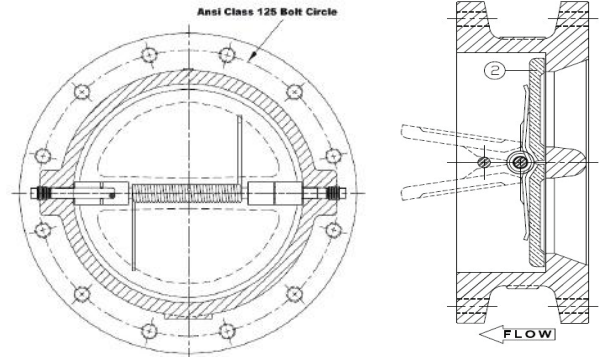
Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
16	K	5981K016000A	\$6,852.50	270	122
18	L	5981L018000A	\$9,070.70	330	150
20	M	5981M020000A	\$10,281.50	424	192
24	N	5981N024000A	\$13,353.30	589	267
30	O	5981O030000A	\$25,194.40	1112	504
36	P	5981P036000A	\$39,008.30	1864	846
42	Q	5981Q042000A	POA	2889	1310
48	R	5981R048000A	POA	5405	2452
54	S	5981S054000A	POA	7592	3444
60	T	5981T060000A	POA	9778	4435

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
10	A	5981A010000D	\$1,760.00	85	39
12	B	5981B012000D	\$2,476.00	141	64
14	C	5981C014000D	\$4,623.70	187	85
16	D	5981D016000D	\$6,456.50	270	122
18	E	5981E018000D	\$8,575.90	330	150
20	F	5981F020000D	\$9,726.70	424	192
24	G	5981G024000D	\$12,712.90	589	267

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
30	H	5981H030000D	\$22,898.00	1112	504
36	I	5981I036000D	\$35,652.50	1864	846
42	J	5981J042000D	POA	2889	1310
48	K	5981K048000D	POA	5405	2452
54	L	5981L054000D	POA	7592	3444
60	M	5981M060000D	POA	9778	4435
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MODEL 5982 SPLIT DISC BUTTERFLY CHECK VALVE - THREADED LUG

BODY: Cast Iron per ASTM A126, Class B.
DISC: Aluminum Bronze per ASTM B148, CDA-952.
SEAL: Buna-N (NBR) per ASTM D2000-BG.
TRIM: Type 316 Stainless Steel per ASTM A276.
SPRING: Type 316, or 17-7 PH Stainless Steel per ASTM A313.



CAST IRON BODY ALUMINUM BRONZE DISC 125#

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
3	A	5982A0030000	\$1,348.50	19	9
4	B	5982B0040000	\$1,445.20	27	12
6	C	5982C0060000	\$1,660.90	45	20
8	D	5982D0080000	\$2,490.70	75	34
10	E	5982E0100000	\$2,960.30	105	48
12	F	5982F0120000	\$4,548.50	210	95
14	G	5982G0140000	\$7,675.20	305	138
16	H	5982H0160000	\$10,401.20	415	188
18	I	5982I0180000	\$14,632.00	550	249

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
20	J	5982J02000000	\$15,764.70	675	306
24	K	5982K0240000	\$19,630.50	750	340
30	L	5982L0300000	\$34,059.20	1525	692
36	M	5982M0360000	\$53,814.50	2830	1284
42	N	5982N0420000	POA	3865	1753
48	O	5982O0480000	POA	5405	2452
54	Q	5982Q0540000	POA	7815	3545
60	R	5982R0600000	POA	9778	4435
-	-		-	-	-

CAST IRON BODY ALUMINUM BRONZE DISC 250#

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
3	A	5982A0030250	\$737.10	11	5
4	B	5982B0040250	\$919.50	16	7
6	C	5982C0060250	\$1,270.80	35	16
8	D	5982D0080250	\$1,843.20	65	29

Flange Size	Letter Code	Part Number	List Price	Weight	
				lbs.	kgs.
10	E	5982E0100250	\$2,684.50	100	45
12	F	5982F0120250	\$4,446.90	167	76
14	G	5982G0140250	\$6,745.60	265	120
16	H	5982H0160250	\$7,742.90	359	163