

BRONZE OR BRASS CHECK VALVE

•**Available** in cast bronze or cast brass body and poppet

•**NBR "O"-Ring Seal** (Nitrile Buna-N)

BII 



SIZE	BRONZE		BRASS		WGT lbs	QUANTITY	
	PART NO.	LIST PRICE-A	PART NO.	LIST PRICE-A		CTN	CASE
1/2"	17CV050	9.34	17YBCV050	7.54	0.50	10	100
3/4"	17CV075	12.88	17YBCV075	9.94	0.50	10	80
1"	17CV100	18.26	17YBCV100	14.06	0.75	10	60
1-1/4"	17CV125	28.62	17YBCV125	22.18	1.25	5	40
1-1/2"	17CV150	32.45	17YBCV150	25.40	1.50	5	30
2"	17CV200	64.42	17YBCV200	50.37	2.75	5	20
3"	17CV300	216.78			8.50	1	6
4"	17CV400	445.94			17.75	1	3

Temp.Max. 180°F (80°C)
Pressure Max 200 PSI

BRONZE CONTROL CENTER CHECK VALVES

PART NO.	SIZE	TAPPING(S) INLET SIDE	TAPPING(S) OUTLET SIDE DIA.	OUTER LENGTH	WGT lbs	LIST PRICE-A
SERIES "A" Cast Bronze body and poppet, NBR "O"-Ring Seal (Nitrile Buna-N)						
17CVA-100	1"	(1) 1/8" FPT	None	1.75"	3.25"	0.96 23.60
17CVA-125	1-1/4"	(1) 1/8" FPT	None	2.25"	3.87"	1.30 31.20
17CVA-200	2"	(1) 1/8" FPT	None	3.12"	5.00"	2.80 76.50
SERIES "B" Cast Bronze body and poppet, NBR "O"-Ring Seal (Nitrile Buna-N)						
17CVB-100	1"	(1) 1/8" FPT	(1) 1/4" FPT	1.75"	3.25"	0.96 23.33
17CVB-125	1-1/4"	(1) 1/8" FPT	(1) 1/4" FPT	2.25"	3.87"	1.30 31.82
17CVB-150	1-1/2"	(1) 1/8" FPT	(1) 1/4" FPT	2.50"	4.25"	1.80 43.90
17CVB-200	2"	(1) 1/8" FPT	(1) 1/4" FPT	3.12"	5.00"	2.80 76.50
SERIES "C" Cast Bronze body and poppet, NBR "O"-Ring Seal (Nitrile Buna-N)						
17CVC-100	1"	(1) 1/8" FPT	(2) 1/4" & (1) 1/8" FPT	1.75"	3.25"	0.96 23.33
17CVC-125	1-1/4"	(1) 1/8" FPT	(2) 1/4" & (1) 1/8" FPT	2.25"	3.87"	1.30 31.82
NOTE: 1/8" Outlet tapping c/w 1/8" brass plug						
SERIES "D" Cast Bronze body and poppet, NBR "O"-Ring Seal (Nitrile Buna-N)						
17CVD-100	1"	None	(2) 1/4" FPT	1.75"	3.25"	0.96 23.33
17CVD-125	1-1/4"	None	(2) 1/4" FPT	2.25"	3.87"	1.30 31.82
17CVD-200	2"	None	(2) 1/4" FPT	3.12"	5.00"	2.80 76.50
SERIES "E" Cast Bronze body and poppet, NBR "O"-Ring Seal (Nitrile Buna-N)						
17CVE-100	1"	None	(1) 1/4" FPT	1.75"	3.25"	0.96 23.33
17CVE-125	1-1/4"	None	(1) 1/4" FPT	2.25"	3.87"	1.30 31.82

BII 



Valves do not include items shown in pictures

Temp.Max. 180°F (80°C) Pressure Max 200 PSI

BRONZE CHECK VALVE

SIZE	PART NO.	QUANTITY CTN CASE	LIST PRICE-A
1-1/4" MPT X 1" FPT	17CVMF-125-100	10 60	23.21



STAINLESS STEEL CHECK VALVE

- #304** Stainless Steel body
- #304** Stainless Steel poppet
- Viton** "O" Ring seal

SIZE	PART NO.	WGT lbs	QUANTITY CTN CASE	LIST PRICE-A
1/2"	17CVSS-050	0.40	10 100	16.54
3/4"	17CVSS-075	0.50	10 80	22.05
1"	17CVSS-100	0.75	10 60	29.99
1-1/4"	17CVSS-125	1.15	5 40	39.79
1-1/2"	17CVSS-150	1.40	5 30	53.57
2"	17CVSS-200	2.75	5 20	88.97
3"	17CVSS-300	8.75	1 6	367.53
4"	17CVSS-400	17.75	1 3	711.03



Temp Max 180°F (80°C)
Pressure Max 200 PSI

STAINLESS STEEL CHECK VALVE - MALE X FEMALE

SIZE	PART NO.	WGT lbs	QUANTITY CTN CASE	LIST PRICE-A
1-1/4" MPT X 1" FPT	17CVSSMF-125-100	0.80	10 60	34.58

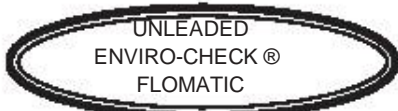
SWING CHECK VALVE

- Max.** Working Pressure 200 PSI Water, Oil & Gas (Cold Water, Non-shock)
- Cast** Bronze body, disc and cap
- Brass** rod pin and screw
- Max.** Working Temperature 100°C
- Threads** to ANSI B2.1
- CxC** to ANSI B16.18



SIZE	PART NO. IPS	LIST PRICE-A	QUANTITY CTN CASE	PART NO. CXC	LIST PRICE-A	QUANTITY CTN CASE
1/2"	08060311	9.35	1 150	08060312	9.54	10 150
3/4"	08060411	11.63	10 120	08060412	11.87	10 120
1"	08060511	15.24	10 100	08060512	15.55	5 50
1-1/4"	08060611	23.79	5 50	08060612	24.27	5 50
1-1/2"	08060711	31.16	1 30	08060712	31.78	5 30
2"	08060811	46.74	2 24	08060812	47.67	2 20
2-1/2"	08060911	91.95	1 10	08060912	110.56	1 10
3"	08061011	122.65	1 8	08061012	142.66	1 8
4"	08061111	198.37	1 6			





The first Lead-Free bronze check valve, developed by Flomatic Corporation in order to protect potable water from lead contamination. Flomatic's entire line of bronze valves is available in this new material.

Nominal Chemistry (FEDERALLOY I - 836FL)			
Copper (Cu)	Balance	Antimony (Sb)	0.25% Max.
Tin (Sn)	4.0% - 6.0%	Sulphur (S)	0.08% Max
Lead (Pb)	0.5% Max	Phosphorus (P)	0.01% - 0.02%
Zinc (Zn)	2.0% - 4.0%	Silicon (Si)	0.005% Max
Iron (Fe)	0.3% Max	Aluminum (Al)	0.005% Max.
Nickel (Ni)	0.4% - 1.0%	Bismuth (Bi)	1.75-2.75%

MODEL 100E - ENVIRO-CHECK®

- **Lead** free bronze (FEDERALLOY #1) body
- **Hex** shaped for easy wrenching
- **Non-Spin** Acetal poppet
- **Nitrile** (Buna-N Seal)
- **Stainless** Steel spring

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
1"	17-4201E	1.1	49	42.48
1-1/4"	17-4202E	1.4	36	63.73



Temp Max 180°F (80°C)
Pressure Max 400 PSI

MODEL 80E - ENVIRO-CHECK®

- **Lead** free bronze body
- **Threaded** female x female connection
- **Non-Spin** Acetal poppet
- **Nitrile** (Buna-N Seal)
- **Stainless** steel spring

SIZE	PART NO.	WGT lbs	CASE	LIST PRICE-A
1/2"	17-4029E	0.2	100	45.06
3/4"	17-4030E	0.7	100	45.64
1"	17-4031E	1.3	49	48.04
1-1/4"	17-4032E	1.6	36	67.65
1-1/2"	17-4033E	2.5	25	93.91
2"	17-4034E	3.1	16	148.90
2-1/2"	17-4035E*	6.5	1	635.42
3"	17-4036E*	13.0	1	765.73
4"	17-4037E*	24.0	1	1331.33



Temp Max 180°F (80°C)
Pressure Max 400 PSI

*2-1/2" to 4" Unleaded Bronze Poppet

MODEL 100ME - ENVIRO-CHECK®

- **Submersible** pump check valve
- **Unleaded** alloy
- **Nitrile** (Buna-N Seal)
- **Hex** shaped for easy wrenching
- **Stainless** Steel spring
- **Threaded** male x female connection
- **Non spin** acetal poppet

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
1-1/4"M x 1"F	17-4221E	1.1	49	45.81
1-1/4"M x 1-1/4"F	17-4242E	1.5	36	60.88
1-1/2"M x 1-1/4"F	17-4223E	1.5	36	75.73



Temp Max 180°F (80°C)
Pressure Max 400 PSI

MODEL 80ME - ENVIRO-CHECK®

- **Submersible** pump check valve
- **Unleaded** alloy
- **Non-spin** acetal poppet
- **Nitrile** (Buna-N Seal)

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
1"M x 1"F	17-4071E	0.7	49	48.98
2"M x 2"F	17-4079E	2.5	16	157.40
3"M x 3"F	17-4076E*	7.2	9	755.79



Temp Max 180°F (80°C)
Pressure Max 400 PSI

*3" Unleaded Bronze Poppet

MODEL 80HTE - HIGH TEMPERATURE - ENVIRO-CHECK®

SIZE	PART NO.	WGT - lbs	LIST PRICE-A
1/4"	17-5118HTE	0.2	76.72
3/8"	17-5159HTE	0.2	77.13
1/2"	17-4029HTE	0.2	58.35
3/4"	17-4030HTE	0.8	75.73
1"	17-4031HTE	1.4	80.56
1-1/4"	17-4032HTE	1.7	101.90
1-1/2"	17-4033HTE	2.7	158.97
2"	17-4034HTE	4.0	214.72

- **Threaded** female x female connections
- **High** temperature nickel plated poppet
- **EPDM** seal, stainless steel spring
- **Ideal** for hot water applications

Temp Max 300°F (145°C)
Pressure Max 100 PSI



MODEL 290E - ENVIRO-CHECK® IN-LINE

- **Cast** body construction / Stainless Steel spring
- **Nylon** poppet c/w NITRILE (Buna-N) seal

Temp Max 180°F (80°C)
Pressure Max 150 PSI

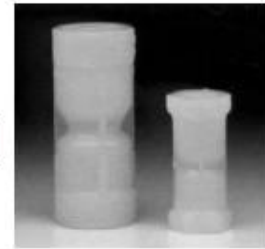
SIZE	PART NO.	WGT - lbs	CASE	LIST PRICE-A
1/4"	17-5118E	0.2	10	62.24
3/8"	17-5159E	0.2	10	62.56



MODEL 297D - PLASTIC CHECK

- **Plastic** (Acetal) body / Stainless Steel spring
- **Nylon** 11 poppet c/w VITON seal
- **Threaded** female x female connection

SIZE	PART NO.	WGT - oz	CASE	LIST PRICE-A
3/8"	175359	0.04 oz	10	24.12
1/2"	175239	0.06 oz	1	34.64



MODEL 290P - PLASTIC CHECK

- **Polypropylene** body / Stainless Steel spring
- **Polypropylene** poppet c/w viton seal
- **Threaded** female x female connection

SIZE	PART NO.	WGT - oz	CTN	CASE	LIST PRICE-A
3/8"	175356	0.04	1	10	37.86
1/2"	175357	0.06	1	10	40.33
3/4"	175358	0.06	1	10	70.65

Temp Max 200°F (90°C)
Pressure Max 150 PSI

MODEL SLC - BRADY PLASTIC CHECK

- **Durable** delrin polymer body / 316 Stainless Steel spring
- **Delrin** poppet c/w Nitrile (Buna-N) seal
- **Not** recommended for use in gasoline systems

Temp Max 180°F (80°C)
Pressure Max 175 PSI

SIZE	PART NO.	ENTERS PIPE	QUANTITY	LIST PRICE-A
3/4"	17SLC-075	1-1/4"	24	18.78
1"	17SLC-100	1-1/2"	30	20.13
1-1/4"	17SLC-125	2"	24	30.19
1-1/2"	17SLC-150	2-1/2"	33	36.25

Tensile Strength
exceeds 2200 lbs.

Burst Pressure
exceeds 1500 PSI



PVC IN-LINE CHECK VALVE

- **Durable** PVC body / 304 Stainless Steel spring
- **PVC** poppet c/w EPDM seal

Pressure Max 200 PSI
Temp Max 140°F (60°C)

SIZE	PART NO. THREADED	LIST PRICE-A	PART NO. SOCKET	LIST PRICE-A	WGT lbs each	CASE QTY
1/2"	1710-05	3.86	1710S-05	3.86	0.19	120
3/4"	1710-07	4.19	1710S-07	4.19	0.20	120
1"	1710-10	6.14	1710S-10	6.14	0.40	80
1-1/4"	1710-12	8.17	1710S-12	8.17	0.69	60
1-1/2"	1710-15	8.46	1710S-15	8.46	0.70	60
2"	1710-20	10.25	1710S-20	10.25	1.34	40



MODEL 80 DI - DUCTILE IRON CHECK

- **Designed** for vertical applications
- **High** strength epoxy coated ductile iron body, disc and follower
- **Threaded** female x female connection
- **Features** a NITRILE (Buna-N) seal, Stainless Steel spring fasteners
- **Ductile** iron poppet

Note: 1" through 1 1/2" features acetal poppet. 1" - 2" cast steel body

SIZE	PART NO.	WGT lbs	QTY CASE	LIST PRICE-A
1"	174031DI	0.2	49	31.24
1-1/4"	174032DI	0.7	36	42.89
1-1/2"	174033DI	1.3	25	61.18
2"	177937	5.0	16	113.49
2-1/2"	177936	7.0	1	262.55
3"	177938	10.0	5	392.80
4"	177939	19.0	4	602.40
5"	174088	48.0	1	1120.55
6"	174089	63.0	1	1419.90
8"	174090	92.0	1	2253.31

NON STOCK ITEM PLEASE CALL FOR DELIVERY

To order model 80DI with break off plug add 'PLG' to part number

Contact Sales Rep for pricing and delivery.

List price above does not include break off plug.



Temp Max 180°F (80°C)
Pressure Max 400 PSI

MODEL 80DIX - DUCTILE IRON CHECK

- **Similar** to model 80DI but features a double-guided ductile iron poppet

- **Designed** for vertical and horizontal applications

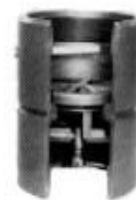
SIZE	PART NO.	WGT lbs	LIST PRICE-A
3"	177938DIX	10.0	322.42
6"	174089DIX	48.0	899.06
10"	174091DIX	148.0	3711.57

To order Model 80DIX with break off plug, add PLG to part number.

Contact sales rep for pricing and delivery.

List price above does not include break off plug.

Temp Max 180°F (80°C)
Pressure Max 400 PSI



MODEL 80MDI - DUCTILE IRON CHECK

Similar to model 80DI but features

- **Male** threaded inlet and female threaded outlet
- **Ideal** for submersible pumps
- **80MDIX** Doubled Guided poppet

NOTE: Port hole one size smaller

SIZE	PART NO.	WGT lbs	QTY CASE	LIST PRICE-A
2"MPT x 2"FPT	174084	4.0	16	146.42
3"MPT x 3"FPT	174083	8.0	5	329.17
4"MPT x 4"FPT	174077	14.0	1	510.11
5"MPT x 5"FPT	174075	48.0	1	774.40
6"MPT x 5"FPT	174087	48.0	1	884.33
6"MPT x 6"FPT*	174081	40.0	1	938.27

To order Model 80MDI with break off plug add PLG to part number.

Contact sales rep for pricing and delivery.

List price above does not include break off plug.

Temp Max 180°F (80°C)
Pressure Max 400 PSI



BREAK OFF PLUG

- **Replacement** break-off plug
- **Stainless** steel construction

- **Threaded** 3/8" to install into valve
- **When** broken off, riser pipe drains

SIZE	PART NO.	WGT lbs	LIST PRICE-A
3"	1776098-6	0.20	68.28
4"	1776098-7	0.25	67.49
5", 6", 8"	1776098	0.30	68.51
10"	1776098-11	0.45	69.79

