

ECO Valve Parts

Pricing Catalogue

(Includes Recommended Spare Parts - Service Kits)

As Manufactured By:



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Series "A" Exploded View – Back Pressure / Pressure Relief Valve 1/4", 3/8", 1/2" ECO Valves

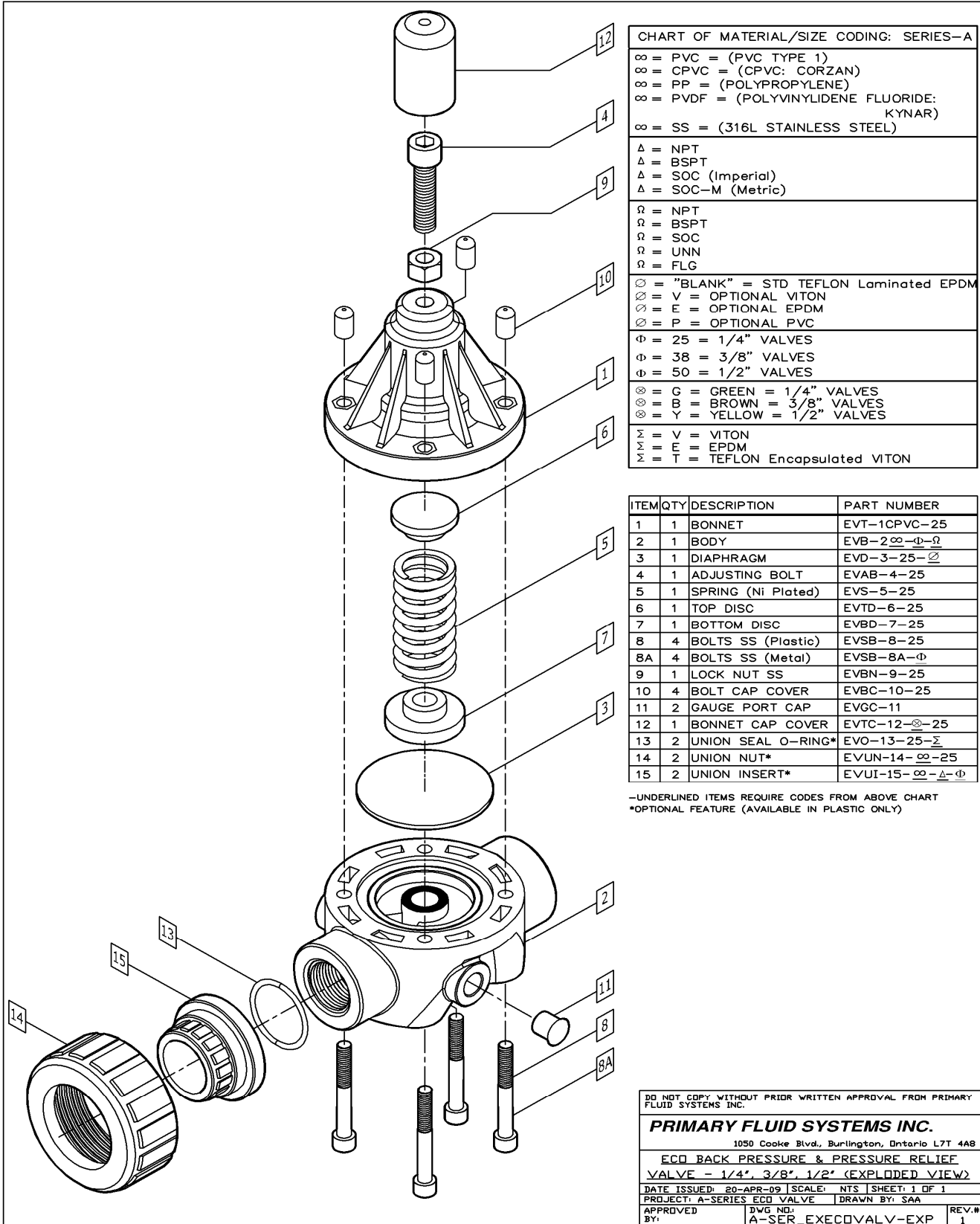


CHART OF MATERIAL/SIZE CODING: SERIES-A

∞ = PVC = (PVC TYPE 1)
 ∞ = CPVC = (CPVC: CORZAN)
 ∞ = PP = (POLYPROPYLENE)
 ∞ = PVDF = (POLYVINYLIDENE FLUORIDE: KYNAR)
 ∞ = SS = (316L STAINLESS STEEL)

Δ = NPT
 Δ = BSPT
 Δ = SOC (Imperial)
 Δ = SOC-M (Metric)

Ω = NPT
 Ω = BSPT
 Ω = SOC
 Ω = UNN
 Ω = FLG

⊗ = "BLANK" = STD TEFLON Laminated EPDM
 ⊗ = V = OPTIONAL VITON
 ⊗ = E = OPTIONAL EPDM
 ⊗ = P = OPTIONAL PVC

Φ = 25 = 1/4" VALVES
 Φ = 38 = 3/8" VALVES
 Φ = 50 = 1/2" VALVES

⊗ = G = GREEN = 1/4" VALVES
 ⊗ = B = BROWN = 3/8" VALVES
 ⊗ = Y = YELLOW = 1/2" VALVES

Σ = V = VITON
 Σ = E = EPDM
 Σ = T = TEFLON Encapsulated VITON

ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	BONNET	EVT-1CPVC-25
2	1	BODY	EVB-2∞-Φ-Ω
3	1	DIAPHRAGM	EVD-3-25-⊗
4	1	ADJUSTING BOLT	EVAB-4-25
5	1	SPRING (Ni Plated)	EVS-5-25
6	1	TOP DISC	EVTD-6-25
7	1	BOTTOM DISC	EVBD-7-25
8	4	BOLTS SS (Plastic)	EVSB-8-25
8A	4	BOLTS SS (Metal)	EVSB-8A-Φ
9	1	LOCK NUT SS	EVBN-9-25
10	4	BOLT CAP COVER	EVBC-10-25
11	2	GAUGE PORT CAP	EVGC-11
12	1	BONNET CAP COVER	EVTC-12-⊗-25
13	2	UNION SEAL O-RING*	EVO-13-25-Σ
14	2	UNION NUT*	EVUN-14-∞-25
15	2	UNION INSERT*	EVUI-15-∞-Δ-Φ

-UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART
 *OPTIONAL FEATURE (AVAILABLE IN PLASTIC ONLY)

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PRIMARY FLUID SYSTEMS INC.
 1050 Cooke Blvd., Burlington, Ontario L7T 4A8

ECO BACK PRESSURE & PRESSURE RELIEF VALVE - 1/4", 3/8", 1/2" (EXPLODED VIEW)

DATE ISSUED: 20-APR-09 | SCALE: NTS | SHEET: 1 OF 1
 PROJECT: A-SERIES ECO VALVE | DRAWN BY: SAA
 APPROVED BY: [Signature] | DWG NO: A-SER_EXECOVALV-EXP | REV.# 1

ECO Valve

Series "A" 25 (1/4") – 38 (3/8") – 50 (1/2")

Item #	Description	Material	Size	Part #	Price
1	Bonnet	CPVC (Corzan)	1/4", 3/8", 1/2"	EVT-1CPVC-25	75.00
2	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-50-BSPT	196.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-50-NPT	196.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-50-FLG	300.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-50-SOC	196.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-50-SOC-M	196.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-50-UNN	263.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/8"	EVB-2CPVC-38-BSPT	163.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/8"	EVB-2CPVC-38-NPT	163.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/8"	EVB-2CPVC-38-SOC	163.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/8"	EVB-2CPVC-38-SOC-M	163.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/8"	EVB-2CPVC-38-UNN	178.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/4"	EVB-2CPVC-25-BSPT	154.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/4"	EVB-2CPVC-25-NPT	154.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/4"	EVB-2CPVC-25-SOC	154.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/4"	EVB-2CPVC-25-SOC-M	154.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/4"	EVB-2CPVC-25-UNN	169.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-50-BSPT	173.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-50-NPT	173.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-50-FLG	285.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-50-SOC	173.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-50-SOC-M	173.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-50-UNN	195.00
	Body, Back & Pressure Relief	Polypropylene	3/8"	EVB-2PP-38-BSPT	141.00
	Body, Back & Pressure Relief	Polypropylene	3/8"	EVB-2PP-38-NPT	141.00
	Body, Back & Pressure Relief	Polypropylene	3/8"	EVB-2PP-38-SOC	141.00
	Body, Back & Pressure Relief	Polypropylene	3/8"	EVB-2PP-38-SOC-M	141.00
	Body, Back & Pressure Relief	Polypropylene	3/8"	EVB-2PP-38-UNN	149.00

Item #	Description	Material	Size	Part #	Price
	Body, Back & Pressure Relief	Polypropylene	1/4"	EVB-2PP-25-BSPT	126.00
	Body, Back & Pressure Relief	Polypropylene	1/4"	EVB-2PP-25-NPT	126.00
	Body, Back & Pressure Relief	Polypropylene	1/4"	EVB-2PP-25-SOC	126.00
	Body, Back & Pressure Relief	Polypropylene	1/4"	EVB-2PP-25-SOC-M	126.00
	Body, Back & Pressure Relief	Polypropylene	1/4"	EVB-2PP-25-UNN	135.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-50-BSPT	151.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-50-NPT	151.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-50-FLG	225.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-50-SOC	151.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-50-SOC-M	151.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-50-UNN	180.00
	Body, Back & Pressure Relief	PVC	3/8"	EVB-2PVC-38-BSPT	136.00
	Body, Back & Pressure Relief	PVC	3/8"	EVB-2PVC-38-NPT	136.00
	Body, Back & Pressure Relief	PVC	3/8"	EVB-2PVC-38-SOC	136.00
	Body, Back & Pressure Relief	PVC	3/8"	EVB-2PVC-38-SOC-M	136.00
	Body, Back & Pressure Relief	PVC	3/8"	EVB-2PVC-38-UNN	144.00
	Body, Back & Pressure Relief	PVC	1/4"	EVB-2PVC-25-BSPT	123.00
	Body, Back & Pressure Relief	PVC	1/4"	EVB-2PVC-25-NPT	123.00
	Body, Back & Pressure Relief	PVC	1/4"	EVB-2PVC-25-SOC	123.00
	Body, Back & Pressure Relief	PVC	1/4"	EVB-2PVC-25-SOC-M	123.00
	Body, Back & Pressure Relief	PVC	1/4"	EVB-2PVC-25-UNN	133.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-50-BPST	315.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-50-NPT	315.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-50-FLG	525.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-50-SOC	315.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-50-SOC-M	315.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-50-UNN	353.00
	Body, Back & Pressure Relief	PVDF	3/8"	EVB-2PVDF-38-BSPT	286.00
	Body, Back & Pressure Relief	PVDF	3/8"	EVB-2PVDF-38-NPT	286.00

Item #	Description	Material	Size	Part #	Price
	Body, Back & Pressure Relief	PVDF	3/8"	EVB-2PVDF-38-SOC	286.00
	Body, Back & Pressure Relief	PVDF	3/8"	EVB-2PVDF-38-SOC-M	286.00
	Body, Back & Pressure Relief	PVDF	3/8"	EVB-2PVDF-38-UNN	314.00
	Body, Back & Pressure Relief	PVDF	1/4"	EVB-2PVDF-25-BSPT	225.00
	Body, Back & Pressure Relief	PVDF	1/4"	EVB-2PVDF-25-NPT	225.00
	Body, Back & Pressure Relief	PVDF	1/4"	EVB-2PVDF-25-SOC	225.00
	Body, Back & Pressure Relief	PVDF	1/4"	EVB-2PVDF-25-SOC-M	225.00
	Body, Back & Pressure Relief	PVDF	1/4"	EVB-2PVDF-25-UNN	250.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-50-BSP	351.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-50-NPT	351.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-50-FLG	627.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-50-SOC	351.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-50-SOC-M	351.00
	Body, Back & Pressure Relief	Stainless Steel	3/8"	EVB-2SS-38-BSP	267.00
	Body, Back & Pressure Relief	Stainless Steel	3/8"	EVB-2SS-38-NPT	267.00
	Body, Back & Pressure Relief	Stainless Steel	3/8"	EVB-2SS-38-SOC	267.00
	Body, Back & Pressure Relief	Stainless Steel	3/8"	EVB-2SS-38-SOC-M	267.00
	Body, Back & Pressure Relief	Stainless Steel	1/4"	EVB-2SS-25-BSP	255.00
	Body, Back & Pressure Relief	Stainless Steel	1/4"	EVB-2SS-25-NPT	255.00
	Body, Back & Pressure Relief	Stainless Steel	1/4"	EVB-2SS-25-SOC	255.00
	Body, Back & Pressure Relief	Stainless Steel	1/4"	EVB-2SS-25-SOC-M	255.00
3	Diaphragm	EPDM	1/4", 3/8", 1/2"	EVD-3-25-E	54.00
	Diaphragm	PVC	1/4", 3/8", 1/2"	EVD-3-25-P	54.00
	Diaphragm	Viton	1/4", 3/8", 1/2"	EVD-3-25-V	54.00
	Diaphragm	Teflon/EPDM	1/4", 3/8", 1/2"	EVD-3-25	54.00
4	Adjusting Bolt	Stainless Steel	1/4", 3/8", 1/2"	EVAB-4-25	1.50
5	Spring	Stainless Steel (Nickel Plated)	1/4", 3/8", 1/2"	EVS-5-25	29.00
6	Top Disc	Polypropylene	1/4", 3/8", 1/2"	EVTD-6-25	4.55
7	Bottom Disc	Polypropylene	1/4", 3/8", 1/2"	EVBD-7-25	6.00
8	Bolts SS (Plastic)	Stainless Steel	1/4", 3/8", 1/2"	EVSB-8-25	1.75
8A	Bolts SS (Metal)	Stainless Steel	1/4", 3/8", 1/2"	EVSB-8A-25	0.57
9	Lock Nut SS	Stainless Steel	1/4", 3/8", 1/2"	EVBN-9-25	0.50
10	Bolt Cap Cover	Vinyl	1/4", 3/8", 1/2"	EVBC-10-25	0.18

Item #	Description	Material	Size	Part #	Price
11	Gauge Port Cap	Nylon	1/4", 3/8", 1/2"	EVGC-11	0.20
12	Bonnet Cap Cover	Vinyl	1/4", 3/8", 1/2"	EVTC-12-BK-25	0.58
	Bonnet Cap Cover	Vinyl	1/4", 3/8", 1/2"	EVTC-12-BR-25	0.58
	Bonnet Cap Cover	Vinyl	1/4", 3/8", 1/2"	EVTC-12-G-25	0.58
	Bonnet Cap Cover	Vinyl	1/4", 3/8", 1/2"	EVTC-12-Y-25	0.58
13	Union Seal O-Ring	EPDM	1/4", 3/8", 1/2"	EVO-13-25-E	0.90
	Union Seal O-Ring	Teflon Encapsulated Viton	1/4", 3/8", 1/2"	EVO-13-25-T	5.00
	Union Seal O-Ring	Viton	1/4", 3/8", 1/2"	EVO-13-25-V	1.75
14	Union Nut	CPVC	1/4", 3/8", 1/2"	EVUN-14-CPVC-25	6.76
	Union Nut	PP	1/4", 3/8", 1/2"	EVUN-14-PP-25	6.83
	Union Nut	PVC	1/4", 3/8", 1/2"	EVUN-14-PVC-25	3.91
	Union Nut	PVDF	1/4", 3/8", 1/2"	EVUN-14-PVDF-25	13.25
15	Union Insert	CPVC (Corzan)	1/2"	EVUI-15-CPVC-BSP-50	6.34
	Union Insert	CPVC (Corzan)	1/2"	EVUI-15-CPVC-NPT-50	6.34
	Union Insert	CPVC (Corzan)	1/2"	EVUI-15-CPVC-SOC-50	3.23
	Union Insert	CPVC (Corzan)	1/2"	EVUI-15-CPVC-SOC-M-50	3.23
	Union Insert	CPVC (Corzan)	3/8"	EVUI-15-CPVC-BSPT-38	6.26
	Union Insert	CPVC (Corzan)	3/8"	EVUI-15-CPVC-NPT-38	6.26
	Union Insert	CPVC (Corzan)	3/8"	EVUI-15-CPVC-SOC-38	3.19
	Union Insert	CPVC (Corzan)	3/8"	EVUI-15-CPVC-SOC-M-38	3.19
	Union Insert	CPVC (Corzan)	1/4"	EVUI-15-CPVC-BSPT-25	5.88
	Union Insert	CPVC (Corzan)	1/4"	EVUI-15-CPVC-NPT-25	5.88
	Union Insert	CPVC (Corzan)	1/4"	EVUI-15-CPVC-SOC-25	3.15
	Union Insert	CPVC (Corzan)	1/4"	EVUI-15-CPVC-SOC-M-25	3.15
	Union Insert	Polypropylene	1/2"	EVUI-15-PP-BSP-50	6.80
	Union Insert	Polypropylene	1/2"	EVUI-15-PP-NPT-50	6.80
	Union Insert	Polypropylene	1/2"	EVUI-15-PP-SOC-50	3.04
	Union Insert	Polypropylene	1/2"	EVUI-15-PP-SOC-M-50	3.04
	Union Insert	Polypropylene	3/8"	EVUI-15-PP-BSPT-38	7.48
	Union Insert	Polypropylene	3/8"	EVUI-15-PP-NPT-38	6.61
	Union Insert	Polypropylene	3/8"	EVUI-15-PP-SOC-38	3.00
	Union Insert	Polypropylene	3/8"	EVUI-15-PP-SOC-M-38	3.00
	Union Insert	Polypropylene	1/4"	EVUI-15-PP-BSPT-25	7.29
	Union Insert	Polypropylene	1/4"	EVUI-15-PP-NPT-25	6.42
	Union Insert	Polypropylene	1/4"	EVUI-15-PP-SOC-25	2.96
	Union Insert	Polypropylene	1/4"	EVUI-15-PP-SOC-M-25	2.96
	Union Insert	PVC	1/2"	EVUI-15-PVC-BSP-50	3.61
	Union Insert	PVC	1/2"	EVUI-15-PVC-NPT-50	3.61
	Union Insert	PVC	1/2"	EVUI-15-PVC-SOC-50	1.90
	Union Insert	PVC	1/2"	EVUI-15-PVC-SOC-M-50	1.90
	Union Insert	PVC	3/8"	EVUI-15-PVC-BSPT-38	4.63

Item #	Description	Material	Size	Part #	Price
	Union Insert	PVC	3/8"	EVUI-15-PVC-NPT-38	3.42
	Union Insert	PVC	3/8"	EVUI-15-PVC-SOC-38	1.86
	Union Insert	PVC	3/8"	EVUI-15-PVC-SOC-M-38	1.86
	Union Insert	PVC	1/4"	EVUI-15-PVC-BSPT-25	4.44
	Union Insert	PVC	1/4"	EVUI-15-PVC-NPT-25	3.23
	Union Insert	PVC	1/4"	EVUI-15-PVC-SOC-25	1.82
	Union Insert	PVC	1/4"	EVUI-15-PVC-SOC-M-25	1.82
	Union Insert	PVDF	1/2"	EVUI-15-PVDF-BSP-50	13.10
	Union Insert	PVDF	1/2"	EVUI-15-PVDF-NPT-50	13.10
	Union Insert	PVDF	1/2"	EVUI-15-PVDF-SOC-50	11.20
	Union Insert	PVDF	1/2"	EVUI-15-PVDF-SOC-M-50	11.20
	Union Insert	PVDF	3/8"	EVUI-15-PVDF-BSPT-38	13.10
	Union Insert	PVDF	3/8"	EVUI-15-PVDF-NPT-38	12.72
	Union Insert	PVDF	3/8"	EVUI-15-PVDF-SOC-38	11.01
	Union Insert	PVDF	3/8"	EVUI-15-PVDF-SOC-M-38	11.01
	Union Insert	PVDF	1/4"	EVUI-15-PVDF-BSPT-25	12.91
	Union Insert	PVDF	1/4"	EVUI-15-PVDF-NPT-25	12.53
	Union Insert	PVDF	1/4"	EVUI-15-PVDF-SOC-25	10.82
	Union Insert	PVDF	1/4"	EVUI-15-PVDF-SOC-M-25	10.82

Terms

Prices quoted are in Canadian Funds
5% 20 days (from date of invoice)
Net 30 days firm (upon approved credit)
F.O.B. Burlington, Ontario, Canada

All Freight charges are extra

Stock to (1) one week normal delivery on standard items

Options and specials consult factory

Prices subject to change without notice

Minimum order of \$100.00 net

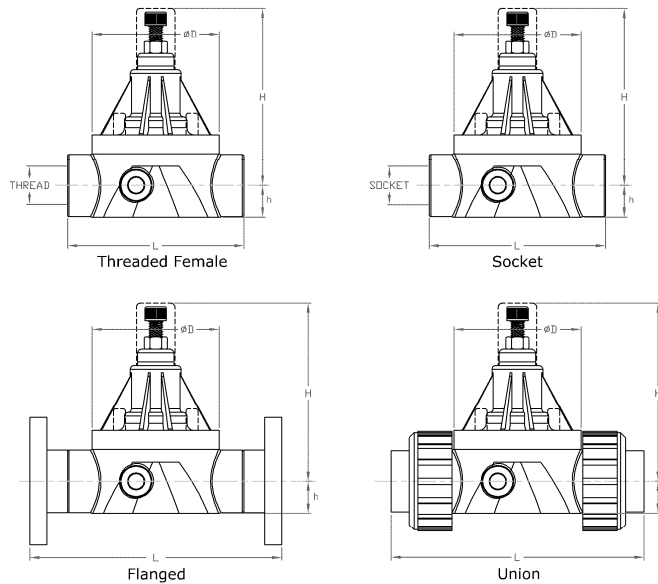
Recommended Spare Parts Service Kit

Part #	To Suit Model #	Description	Price
EV25E	Eco Valve 1/4"	EPDM Diaph. Spring, Top and Bottom Disc	52.00
EV25P	Eco Valve 1/4"	PVC Diaph., Spring, Top and Bottom Disc	52.00
EV25V	Eco Valve 1/4"	Viton Diaph., Spring, Top and Bottom Disc	52.00
EV25T	Eco Valve 1/4"	Teflon/EPDM Diaph., Spring, Top and Bottom Disc	52.00
EV38E	Eco Valve 3/8"	EPDM Diaph. Spring, Top and Bottom Disc	52.00
EV38P	Eco Valve 3/8"	PVC Diaph., Spring, Top and Bottom Disc	52.00
EV38V	Eco Valve 3/8"	Viton Diaph., Spring, Top and Bottom Disc	52.00
EV38T	Eco Valve 3/8"	Teflon/EPDM Diaph., Spring, Top and Bottom Disc	52.00
EV50E	Eco Valve 1/2"	EPDM Diaph. Spring, Top and Bottom Disc	52.00
EV50P	Eco Valve 1/2"	PVC Diaph., Spring, Top and Bottom Disc	52.00
EV50V	Eco Valve 1/2"	Viton Diaph., Spring, Top and Bottom Disc	52.00
EV50T	Eco Valve 1/2"	Teflon/EPDM Diaph., Spring, Top and Bottom Disc	52.00

Body Configuration

Back Pressure Valves (Pressure Retaining Valves)

Body Configuration Model ECO-25 Dimensions
ECO-38
ECO-50



Nominal Size		PVC, CPVC, PP & PVDF							
NPS Inch	DIN DN	Ø D inch mm	h inch mm	H inch mm	L inch mm	L inch mm	L inch mm	L inch mm	L inch mm
SERIES-A		Thrd Soc Flg Unin							
1/4	8	2.50 63.5	0.66 16.7	4.48 113.9	3.40 86.4	3.40 86.4	5.15 130.8	6.00 152.4	
3/8	10	2.50 63.5	0.66 16.7	4.48 113.9	3.40 86.4	3.40 86.4	5.28 134.1	6.00 152.4	
1/2	15	2.50 63.5	0.66 16.7	4.48 113.9	3.40 86.4	3.40 86.4	5.40 137.2	6.00 152.4	

Nominal Size		316L SS							
NPS Inch	DIN DN	Ø D inch mm	h inch mm	H inch mm	L inch mm	L inch mm	L inch mm	L inch mm	L inch mm
SERIES-A		Thrd Soc Flg							
1/4	8	2.50 63.5	0.60 15.2	4.47 113.5	2.50 63.5	2.50 63.5	2.50 63.5	2.50 63.5	N/A
3/8	10	2.50 63.5	0.49 12.4	4.58 116.3	2.50 63.5	2.50 63.5	2.50 63.5	2.50 63.5	N/A
1/2	15	2.50 63.5	0.60 15.2	4.72 113.8	2.50 63.5	2.50 63.5	2.50 63.5	6.25 158.8	

Series "B" Exploded View – Back Pressure / Pressure Relief Valve 1/2", 3/4", 1" ECO Valve

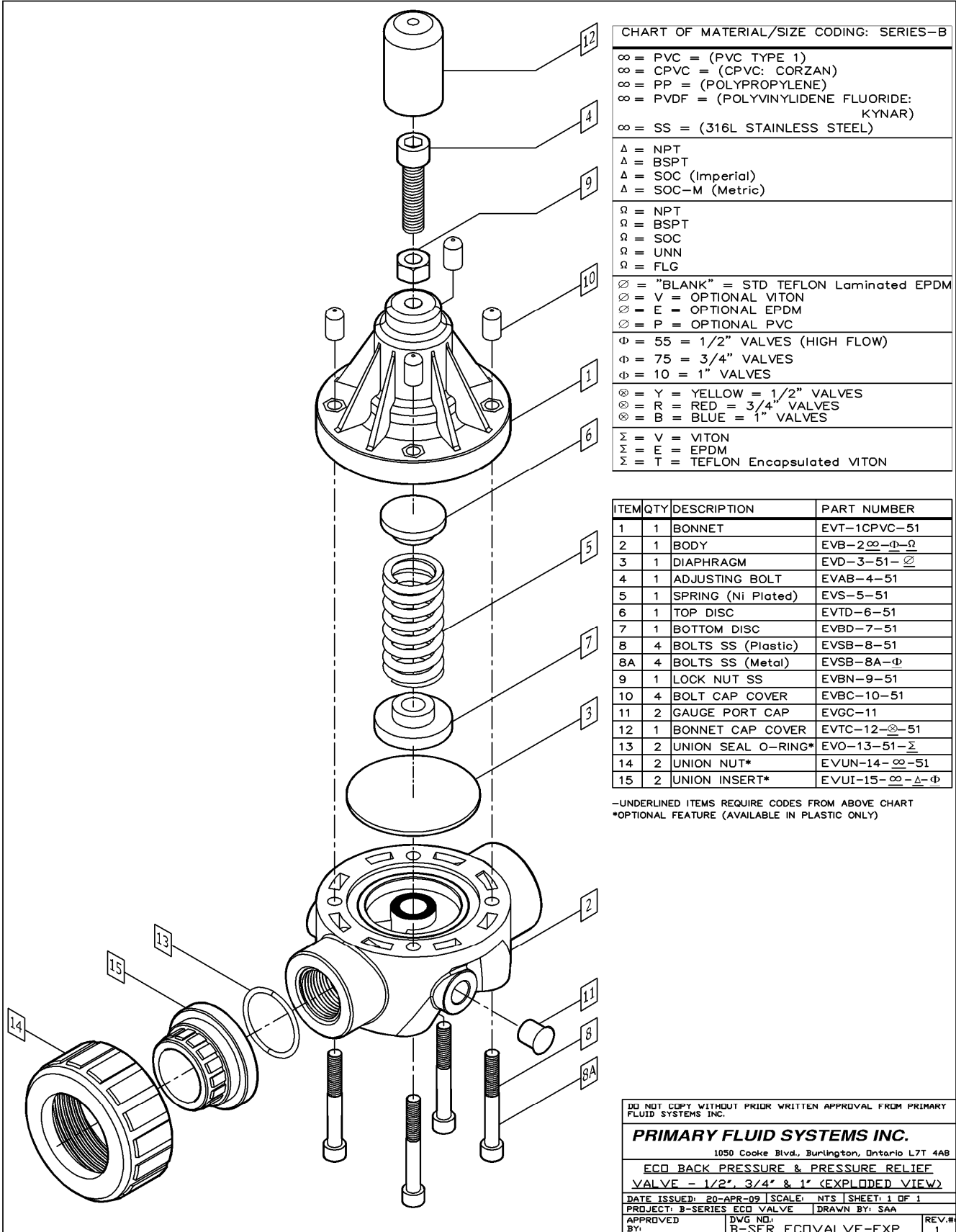


CHART OF MATERIAL/SIZE CODING: SERIES-B

∞ = PVC = (PVC TYPE 1)
∞ = CPVC = (CPVC: CORZAN)
∞ = PP = (POLYPROPYLENE)
∞ = PVDF = (POLYVINYLIDENE FLUORIDE: KYNAR)
∞ = SS = (316L STAINLESS STEEL)
Δ = NPT
Δ = BSPT
Δ = SOC (Imperial)
Δ = SOC-M (Metric)
Ω = NPT
Ω = BSPT
Ω = SOC
Ω = UNN
Ω = FLG
∅ = "BLANK" = STD TEFLON Laminated EPDM
∅ = V = OPTIONAL VITON
∅ = E = OPTIONAL EPDM
∅ = P = OPTIONAL PVC
Φ = 55 = 1/2" VALVES (HIGH FLOW)
Φ = 75 = 3/4" VALVES
Φ = 10 = 1" VALVES
⊗ = Y = YELLOW = 1/2" VALVES
⊗ = R = RED = 3/4" VALVES
⊗ = B = BLUE = 1" VALVES
Σ = V = VITON
Σ = E = EPDM
Σ = T = TEFLON Encapsulated VITON

ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	BONNET	EVT-1CPVC-51
2	1	BODY	EVB-2∞-Φ-Ω
3	1	DIAPHRAGM	EVD-3-51-∅
4	1	ADJUSTING BOLT	EVAB-4-51
5	1	SPRING (Ni Plated)	EVS-5-51
6	1	TOP DISC	EVTD-6-51
7	1	BOTTOM DISC	EVBD-7-51
8	4	BOLTS SS (Plastic)	EVSB-8-51
8A	4	BOLTS SS (Metal)	EVSB-8A-Φ
9	1	LOCK NUT SS	EVBN-9-51
10	4	BOLT CAP COVER	EVBC-10-51
11	2	GAUGE PORT CAP	EVGC-11
12	1	BONNET CAP COVER	EVTC-12-∅-51
13	2	UNION SEAL O-RING*	EVO-13-51-Σ
14	2	UNION NUT*	EVUN-14-∞-51
15	2	UNION INSERT*	EVUI-15-∞-Δ-Φ

-UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART
*OPTIONAL FEATURE (AVAILABLE IN PLASTIC ONLY)

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PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd., Burlington, Ontario L7T 4A8

ECO BACK PRESSURE & PRESSURE RELIEF VALVE - 1/2", 3/4" & 1" (EXPLODED VIEW)

DATE ISSUED: 20-APR-09	SCALE: NTS	SHEET: 1 OF 1
PROJECT: B-SERIES ECO VALVE	DRAWN BY: SAA	
APPROVED BY:	DWG. NO.: B-SER_ECOVALVE-EXP	REV.#: 1

ECO Valve

Series "B" 55 (1/2") – 75 (3/4") – 10 (1")

Item #	Description	Material	Size	Part #	Price
1	Bonnet	CPVC (Corzan)	1/2", 3/4", 1"	EVT-1CPVC-51	98.00
2	Body, Back & Pressure Relief	CPVC (Corzan)	1"	EVB-2CPVC-10-BSP	399.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1"	EVB-2CPVC-10-NPT	399.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1"	EVB-2CPVC-10-FLG	499.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1"	EVB-2CPVC-10-SOC	399.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1"	EVB-2CPVC-10-SOC-M	399.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1"	EVB-2CPVC-10-UNN	413.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/4"	EVB-2CPVC-75-BSP	268.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/4"	EVB-2CPVC-75-NPT	268.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/4"	EVB-2CPVC-75-FLG	349.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/4"	EVB-2CPVC-75-SOC	268.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/4"	EVB-2CPVC-75-SOC-M	268.00
	Body, Back & Pressure Relief	CPVC (Corzan)	3/4"	EVB-2CPVC-75-UNN	297.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-55-BSP	254.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-55-NPT	254.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-55-FLG	330.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-55-SOC	254.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-55-SOC-M	245.00
	Body, Back & Pressure Relief	CPVC (Corzan)	1/2"	EVB-2CPVC-55-UNN	263.00
	Body, Back & Pressure Relief	Polypropylene	1"	EVB-2PP-10-BSP	292.00
	Body, Back & Pressure Relief	Polypropylene	1"	EVB-2PP-10-NPT	292.00
	Body, Back & Pressure Relief	Polypropylene	1"	EVB-2PP-10-FLG	540.00
	Body, Back & Pressure Relief	Polypropylene	1"	EVB-2PP-10-SOC	292.00
	Body, Back & Pressure Relief	Polypropylene	1"	EVB-2PP-10-SOC-M	292.00
	Body, Back & Pressure Relief	Polypropylene	1"	EVB-2PP-10-UNN	274.00
	Body, Back & Pressure Relief	Polypropylene	3/4"	EVB-2PP-75-BSP	226.00
	Body, Back & Pressure Relief	Polypropylene	3/4"	EVB-2PP-75-NPT	226.00
	Body, Back & Pressure Relief	Polypropylene	3/4"	EVB-2PP-75-FLG	470.00

Item #	Description	Material	Size	Part #	Price
	Body, Back & Pressure Relief	Polypropylene	3/4"	EVB-2PP-75-SOC	226.00
	Body, Back & Pressure Relief	Polypropylene	3/4"	EVB-2PP-75-SOC-M	226.00
	Body, Back & Pressure Relief	Polypropylene	3/4"	EVB-2PP-75-UNN	248.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-55-BSP	210.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-55-NPT	210.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-55-FLG	402.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-55-SOC	210.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-55-SOC-M	210.00
	Body, Back & Pressure Relief	Polypropylene	1/2"	EVB-2PP-55-UNN	225.00
	Body, Back & Pressure Relief	PVC	1"	EVB-2PVC-10-BSP	288.00
	Body, Back & Pressure Relief	PVC	1"	EVB-2PVC-10-NPT	288.00
	Body, Back & Pressure Relief	PVC	1"	EVB-2PVC-10-FLG	373.00
	Body, Back & Pressure Relief	PVC	1"	EVB-2PVC-10-SOC	288.00
	Body, Back & Pressure Relief	PVC	1"	EVB-2PVC-10-SOC-M	288.00
	Body, Back & Pressure Relief	PVC	1"	EVB-2PVC-10-UNN	300.00
	Body, Back & Pressure Relief	PVC	3/4"	EVB-2PVC-75-BSP	221.00
	Body, Back & Pressure Relief	PVC	3/4"	EVB-2PVC-75-NPT	221.00
	Body, Back & Pressure Relief	PVC	3/4"	EVB-2PVC-75-FLG	289.00
	Body, Back & Pressure Relief	PVC	3/4"	EVB-2PVC-75-SOC	221.00
	Body, Back & Pressure Relief	PVC	3/4"	EVB-2PVC-75-SOC-M	221.00
	Body, Back & Pressure Relief	PVC	3/4"	EVB-2PVC-75-UNN	240.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-55-BSP	201.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-55-NPT	201.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-55-FLG	263.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-55-SOC	201.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-55-SOC-M	201.00
	Body, Back & Pressure Relief	PVC	1/2"	EVB-2PVC-55-UNN	222.00
	Body, Back & Pressure Relief	PVDF	1"	EVB-2PVDF-10-BSP	525.00
	Body, Back & Pressure Relief	PVDF	1"	EVB-2PVDF-10-NPT	525.00

Item #	Description	Material	Size	Part #	Price
	Body, Back & Pressure Relief	PVDF	1"	EVB-2PVDF-10-FLG	912.00
	Body, Back & Pressure Relief	PVDF	1"	EVB-2PVDF-10-SOC	525.00
	Body, Back & Pressure Relief	PVDF	1"	EVB-2PVDF-10-SOC-M	525.00
	Body, Back & Pressure Relief	PVDF	1"	EVB-2PVDF-10-UNN	563.00
	Body, Back & Pressure Relief	PVDF	3/4"	EVB-2PVDF-75-BSP	477.00
	Body, Back & Pressure Relief	PVDF	3/4"	EVB-2PVDF-75-NPT	477.00
	Body, Back & Pressure Relief	PVDF	3/4"	EVB-2PVDF-75-FLG	672.00
	Body, Back & Pressure Relief	PVDF	3/4"	EVB-2PVDF-75-SOC	477.00
	Body, Back & Pressure Relief	PVDF	3/4"	EVB-2PVDF-75-SOC-M	477.00
	Body, Back & Pressure Relief	PVDF	3/4"	EVB-2PVDF-75-UNN	522.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-55-BSP	383.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-55-NPT	383.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-55-FLG	615.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-55-SOC	383.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-55-SOC-M	383.00
	Body, Back & Pressure Relief	PVDF	1/2"	EVB-2PVDF-55-UNN	417.00
	Body, Back & Pressure Relief	Stainless Steel	1"	EVB-2SS-10-BSP	585.00
	Body, Back & Pressure Relief	Stainless Steel	1"	EVB-2SS-10-NPT	585.00
	Body, Back & Pressure Relief	Stainless Steel	1"	EVB-2SS-10-FLG	1,040.00
	Body, Back & Pressure Relief	Stainless Steel	1"	EVB-2SS-10-SOC	585.00
	Body, Back & Pressure Relief	Stainless Steel	1"	EVB-2SS-10-SOC-M	585.00
	Body, Back & Pressure Relief	Stainless Steel	3/4"	EVB-2SS-75-BSP	446.00
	Body, Back & Pressure Relief	Stainless Steel	3/4"	EVB-2SS-75-NPT	446.00
	Body, Back & Pressure Relief	Stainless Steel	3/4"	EVB-2SS-75-FLG	779.00
	Body, Back & Pressure Relief	Stainless Steel	3/4"	EVB-2SS-75-SOC	446.00
	Body, Back & Pressure Relief	Stainless Steel	3/4"	EVB-2SS-75-SOC-M	446.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-55-BSP	425.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-55-NPT	425.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-55-FLG	741.00

Item #	Description	Material	Size	Part #	Price
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-55-SOC	425.00
	Body, Back & Pressure Relief	Stainless Steel	1/2"	EVB-2SS-55-SOC-M	425.00
3	Diaphragm	EPDM	1/2", 3/4", 1"	EVD-3-51-E	54.00
	Diaphragm	PVC	1/2", 3/4", 1"	EVD-3-51-P	54.00
	Diaphragm	Viton	1/2", 3/4", 1"	EVD-3-51-V	54.00
	Diaphragm	Teflon/EPDM	1/2", 3/4", 1"	EVD-3-51	54.00
4	Adjusting Bolt	Stainless Steel	1/2", 3/4", 1"	EVAB-4-51	1.50
5	Spring	Stainless Steel (Nickel Plated)	1/2', 3/4' & 1"	EVS-5-51	29.00
6	Top Disc	Polypropylene	1/2', 3/4' & 1"	EVTD-6-51	4.55
7	Bottom Disc	Polypropylene	1/2', 3/4' & 1"	EVBD-7-51	6.00
8	Bolts SS (Plastic)	Stainless Steel	1/2', 3/4' & 1"	EVSB-8-51	1.75
8A	Bolts SS (Metal)	Stainless Steel	1/2', 3/4' & 1"	EVSB-8A-55	0.57
9	Lock Nut SS	Stainless Steel	1/2', 3/4' & 1"	EVBN-9-51	0.50
10	Bolt Cap Cover	Vinyl	1/2', 3/4' & 1"	EVBC-10-51	0.18
11	Gauge Port Cap	Nylon	1/2', 3/4' & 1"	EVGC-11	0.20
12	Bonnet Cap Cover	Vinyl	1/2', 3/4' & 1"	EVTC-12-B-51	0.60
	Bonnet Cap Cover	Vinyl	1/2', 3/4' & 1"	EVTC-12-R-51	0.60
	Bonnet Cap Cover	Vinyl	1/2', 3/4' & 1"	EVTC-12-Y-51	0.60
13	Union Seal O-Ring	EPDM	1/2', 3/4' & 1"	EVO-13-51-E	1.00
	Union Seal O-Ring	Teflon Encapsulated Viton	1/2', 3/4' & 1"	EVO-13-51-T	6.00
	Union Seal O-Ring	Viton	1/2', 3/4' & 1"	EVO-13-51-V	2.00
14	Union Nut	CPVC	1/2', 3/4' & 1"	EVUN-14-CPVC-51	7.48
	Union Nut	PP	1/2', 3/4' & 1"	EVUN-14-PP-51	9.49
	Union Nut	PVC	1/2', 3/4' & 1"	EVUN-14-PVC-51	4.90
	Union Nut	PVDF	1/2', 3/4' & 1"	EVUN-14-PVDF-51	15.00
15	Union Insert	CPVC (Corzan)	1"	EVUI-15-CPVC-BSPT-10	7.48
	Union Insert	CPVC (Corzan)	1"	EVUI-15-CPVC-NPT-10	7.29
	Union Insert	CPVC (Corzan)	1"	EVUI-15-CPVC-SOC-10	3.61
	Union Insert	CPVC (Corzan)	1"	EVUI-15-CPVC-SOC-M-10	3.80
	Union Insert	CPVC (Corzan)	3/4"	EVUI-15-CPVC-BSPT-75	6.83
	Union Insert	CPVC (Corzan)	3/4"	EVUI-15-CPVC-NPT-75	6.83
	Union Insert	CPVC (Corzan)	3/4"	EVUI-15-CPVC-SOC-75	3.23
	Union Insert	CPVC (Corzan)	3/4"	EVUI-15-CPVC-SOC-M-75	3.42
	Union Insert	CPVC (Corzan)	1/2"	EVUI-15-CPVC-BSPT-55	4.75
	Union Insert	CPVC (Corzan)	1/2"	EVUI-15-CPVC-NPT-55	5.69
	Union Insert	CPVC (Corzan)	1/2"	EVUI-15-CPVC-SOC-55	2.66
	Union Insert	CPVC (Corzan)	1/2"	EVUI-15-CPVC-SOC-M-55	2.85
	Union Insert	Polypropylene	1"	EVUI-15-PP-BSPT-10	5.88
	Union Insert	Polypropylene	1"	EVUI-15-PP-NPT-10	5.69
	Union Insert	Polypropylene	1"	EVUI-15-PP-SOC-10	5.70

Item #	Description	Material	Size	Part #	Price
	Union Insert	Polypropylene	1"	EVUI-15-PP-SOC-M-10	5.69
	Union Insert	Polypropylene	3/4"	EVUI-15-PP-BSP-75	4.75
	Union Insert	Polypropylene	3/4"	EVUI-15-PP-NPT-75	4.75
	Union Insert	Polypropylene	3/4"	EVUI-15-PP-SOC-75	4.75
	Union Insert	Polypropylene	3/4"	EVUI-15-PP-SOC-M-75	4.75
	Union Insert	Polypropylene	1/2"	EVUI-15-PP-BSP-55	3.80
	Union Insert	Polypropylene	1/2"	EVUI-15-PP-NPT-55	3.80
	Union Insert	Polypropylene	1/2"	EVUI-15-PP-SOC-55	3.80
	Union Insert	Polypropylene	1/2"	EVUI-15-PP-SOC-M-55	3.80
	Union Insert	PVC	1"	EVUI-15-PVC-BSPT-10	5.12
	Union Insert	PVC	1"	EVUI-15-PVC-NPT-10	4.75
	Union Insert	PVC	1"	EVUI-15-PVC-SOC-10	2.85
	Union Insert	PVC	1"	EVUI-15-PVC-SOC-M-10	3.42
	Union Insert	PVC	3/4"	EVUI-15-PVC-BSP-75	3.99
	Union Insert	PVC	3/4"	EVUI-15-PVC-NPT-75	3.99
	Union Insert	PVC	3/4"	EVUI-15-PVC-SOC-75	2.74
	Union Insert	PVC	3/4"	EVUI-15-PVC-SOC-M-75	2.85
	Union Insert	PVC	1/2"	EVUI-15-PVC-BSP-55	3.80
	Union Insert	PVC	1/2"	EVUI-15-PVC-NPT-55	3.80
	Union Insert	PVC	1/2"	EVUI-15-PVC-SOC-55	1.90
	Union Insert	PVC	1/2"	EVUI-15-PVC-SOC-M-55	2.47
	Union Insert	PVDF	1"	EVUI-15-PVDF-BSPT-10	19.36
	Union Insert	PVDF	1"	EVUI-15-PVDF-NPT-10	19.19
	Union Insert	PVDF	1"	EVUI-15-PVDF-SOC-10	15.37
	Union Insert	PVDF	1"	EVUI-15-PVDF-SOC-M-10	15.37
	Union Insert	PVDF	3/4"	EVUI-15-PVDF-BSP-75	18.98
	Union Insert	PVDF	3/4"	EVUI-15-PVDF-NPT-75	18.98
	Union Insert	PVDF	3/4"	EVUI-15-PVDF-SOC-75	15.19
	Union Insert	PVDF	3/4"	EVUI-15-PVDF-SOC-M-75	15.19
	Union Insert	PVDF	1/2"	EVUI-15-PVDF-BSP-55	15.19
	Union Insert	PVDF	1/2"	EVUI-15-PVDF-NPT-55	15.19
	Union Insert	PVDF	1/2"	EVUI-15-PVDF-SOC-55	11.39
	Union Insert	PVDF	1/2"	EVUI-15-PVDF-SOC-M-55	11.39

Terms

Prices quoted are in Canadian Funds
 5% 20 days (from date of invoice)
 Net 30 days firm (upon approved credit)
 F.O.B. Burlington, Ontario, Canada
All Freight charges are extra
 Stock to (1) one week normal delivery on standard items
 Options and specials consult factory
 Prices subject to change without notice
 Minimum order of \$100.00 net

Recommended Spare Parts Service Kit

Part #	To Suit Model #	Description	Price
EV55E	ECO Valve 1/2"	EPDM Diaph. Spring, Top and Bottom Disc	94.00
EV55P	ECO Valve 1/2"	PVC Diaph., Spring, Top and Bottom Disc	94.00
EV55V	ECO Valve 1/2"	Viton Diaph., Spring, Top and Bottom Disc	94.00
EV55T	ECO Valve 1/2"	Teflon/EPDM Diaph., Spring, Top and Bottom Disc	94.00
EV75E	ECO Valve 3/4"	EPDM Diaph. Spring, Top and Bottom Disc	94.00
EV75P	ECO Valve 3/4"	PVC Diaph., Spring, Top and Bottom Disc	94.00
EV75V	ECO Valve 3/4"	Viton Diaph., Spring, Top and Bottom Disc	94.00
EV75T	ECO Valve 3/4"	Teflon/EPDM Diaph., Spring, Top and Bottom Disc	94.00
EV10E	ECO Valve 1"	EPDM Diaph. Spring, Top and Bottom Disc	94.00
EV10P	ECO Valve 1"	PVC Diaph., Spring, Top and Bottom Disc	94.00
EV10V	ECO Valve 1"	Viton Diaph., Spring, Top and Bottom Disc	94.00
EV10T	ECO Valve 1"	Teflon/EPDM Diaph., Spring, Top and Bottom Disc	94.00

Body Configuration

